

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015806.D
 Acq On : 08 Jul 2020 13:39
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:32 AM

Quant Time: Jul 09 05:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	151639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102763	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.88	113	92598	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.32	98	358076	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	136847	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28512	26.152	ug/l	93
3) Chloromethane	2.21	50	32441	21.910	ug/l	99
4) Vinyl Chloride	2.37	62	52959	23.166	ug/l	99
5) Bromomethane	2.78	94	37925	21.681	ug/l	98
6) Chloroethane	2.93	64	34228	22.185	ug/l	98
7) Trichlorofluoromethane	3.26	101	37334	22.723	ug/l	99
8) Diethyl Ether	3.68	74	21265	20.773	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43863	22.807	ug/l	99
10) Methyl Iodide	4.26	142	58633	21.804	ug/l	99
11) Tert butyl alcohol	5.17	59	16540	146.155	ug/l	95
12) 1,1-Dichloroethene	4.03	96	42244	22.340	ug/l	100
13) Acrolein	3.89	56	15282	103.341	ug/l	99
14) Allyl chloride	4.67	41	66159	21.526	ug/l	100
15) Acrylonitrile	5.37	53	42827	107.001	ug/l	99
16) Acetone	4.12	43	50172	125.787	ug/l	98
17) Carbon Disulfide	4.38	76	122408	21.761	ug/l	99
18) Methyl Acetate	4.67	43	18852	20.769	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	60090	21.232	ug/l	97
20) Methylene Chloride	4.92	84	58780	26.551	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46726	21.334	ug/l	94
22) Diisopropyl ether	6.31	45	131281	21.197	ug/l	94
23) Vinyl Acetate	6.26	43	383841	104.197	ug/l	100
24) 1,1-Dichloroethane	6.21	63	82693	21.088	ug/l	99
25) 2-Butanone	7.17	43	60365	111.495	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55007	22.360	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49588	21.086	ug/l	97
28) Bromochloromethane	7.51	49	33414	21.495	ug/l	100
29) Tetrahydrofuran	7.53	42	35291	107.415	ug/l	99
30) Chloroform	7.68	83	84345	21.042	ug/l	100
31) Cyclohexane	7.96	56	79720	21.601	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	72585	21.595	ug/l	100
36) 1,1-Dichloropropene	8.09	75	69553	21.756	ug/l	100
37) Ethyl Acetate	7.26	43	25914	20.861	ug/l	99
38) Carbon Tetrachloride	8.07	117	65663	21.226	ug/l	98

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 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 VW0708SBS01

Manual Integrations
 APPROVED

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Quant Time: Jul 09 05:07:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83573	22.154	ug/l	99
40) Benzene	8.32	78	188489	21.524	ug/l	98
41) Methacrylonitrile	7.48	41	15406	21.845	ug/l	97
42) 1,2-Dichloroethane	8.40	62	57528	21.107	ug/l	99
43) Isopropyl Acetate	8.43	43	50023	20.630	ug/l	99
44) Trichloroethene	9.09	130	48859	21.093	ug/l	93
45) 1,2-Dichloropropane	9.37	63	45159	20.979	ug/l	100
46) Dibromomethane	9.46	93	23197	20.932	ug/l	98
47) Bromodichloromethane	9.65	83	60321	21.044	ug/l	94
48) Methyl methacrylate	9.44	41	23365	21.026	ug/l	99
49) 1,4-Dioxane	9.45	88	6738	491.790	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	125084	105.716	ug/l	99
52) Toluene	10.39	92	121403	21.543	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56752	20.635	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	68653	20.868	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32224	20.970	ug/l	98
56) Ethyl methacrylate	10.65	69	38765	20.519	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57401	21.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91612	99.243	ug/l	100
59) 2-Hexanone	10.97	43	87241	110.485	ug/l	100
60) Dibromochloromethane	11.13	129	36919	20.803	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30202	20.541	ug/l	100
64) Tetrachloroethene	10.87	164	40662	21.901	ug/l	95
65) Chlorobenzene	11.66	112	124440	21.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43328	21.340	ug/l	97
67) Ethyl Benzene	11.73	91	235109	22.128	ug/l	95
68) m/p-Xylenes	11.84	106	178980	44.843	ug/l	100
69) o-Xylene	12.17	106	81066	22.251	ug/l	99
70) Styrene	12.18	104	137824	21.986	ug/l	99
71) Bromoform	12.35	173	19346	20.875	ug/l #	96
73) Isopropylbenzene	12.47	105	229289	21.463	ug/l	100
74) N-amyl acetate	12.27	43	47848	20.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36659	20.652	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32137m	24.114	ug/l	
77) Bromobenzene	12.75	156	50416	21.047	ug/l	98
78) n-propylbenzene	12.80	91	282490	21.786	ug/l	100
79) 2-Chlorotoluene	12.90	91	159307	21.544	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	200330	22.002	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	10446	20.170	ug/l	97
82) 4-Chlorotoluene	12.99	91	169301	21.925	ug/l	99
83) tert-Butylbenzene	13.21	119	166636	22.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	200687	22.071	ug/l	99
85) sec-Butylbenzene	13.38	105	244639	22.410	ug/l	99
86) p-Isopropyltoluene	13.50	119	221710	22.241	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	103353	21.524	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102344	21.772	ug/l	98
89) n-Butylbenzene	13.83	91	217517	22.801	ug/l	99
90) Hexachloroethane	14.10	117	38124	21.100	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	89980	21.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5739	20.235	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
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VW0708SBSD01

Manual Integrations
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QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56818	21.664	ug/l	97
94) Hexachlorobutadiene	15.24	225	35013	21.027	ug/l	96
95) Naphthalene	15.37	128	92801	20.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	48661	21.805	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

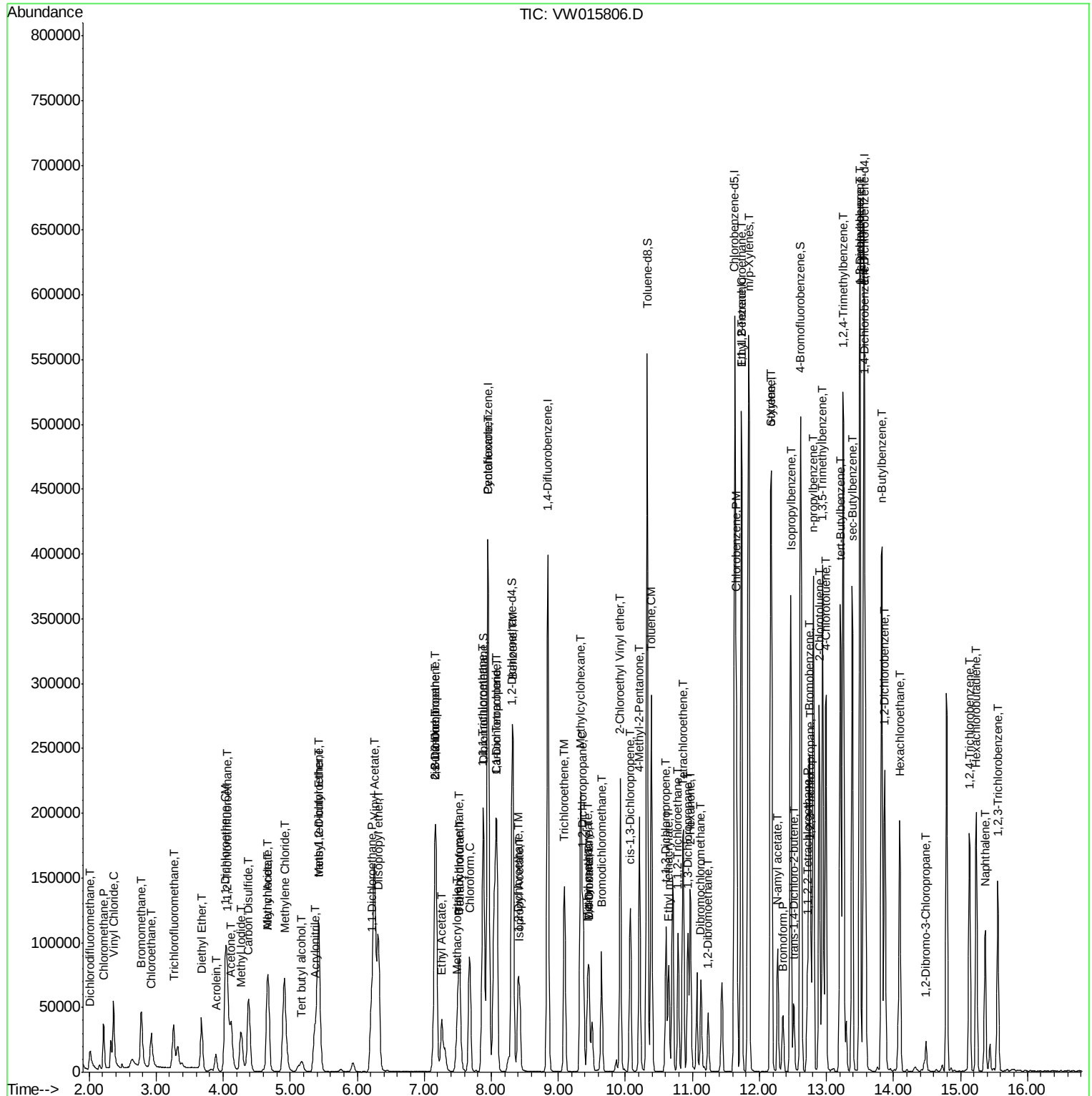
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Data File : VW015806.D
Acq On : 08 Jul 2020 13:39
Operator : SY/VA
Sample : VW0708SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

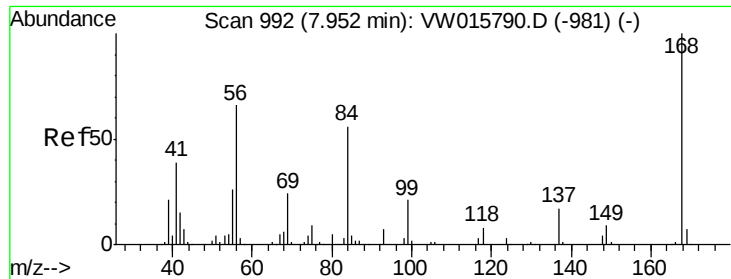
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleID :

VW0708SBS01

Tot Ion:168 Resp: 207013

Ion Ratio Lower Upper

168 100

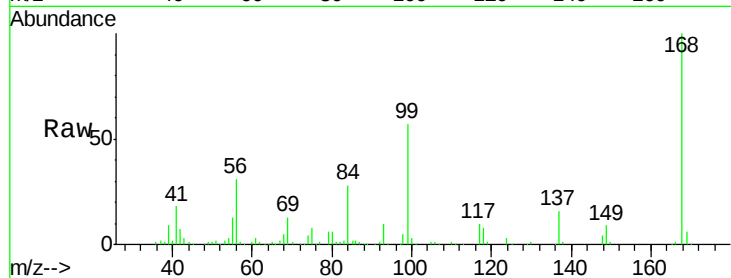
99 57.3 47.8 71.8

Manual Integrations

APPROVED

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7/9/2020 10:47:32 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

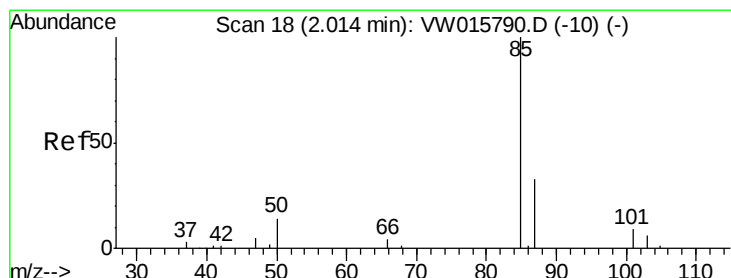
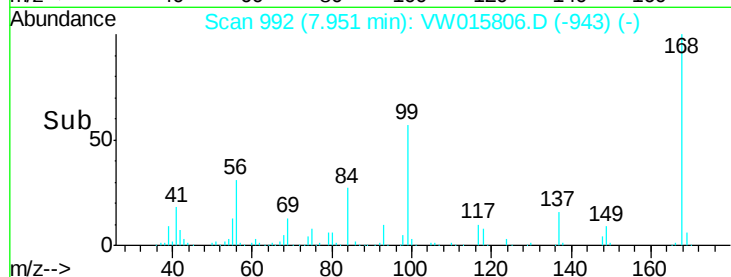
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 26.152 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015806.D

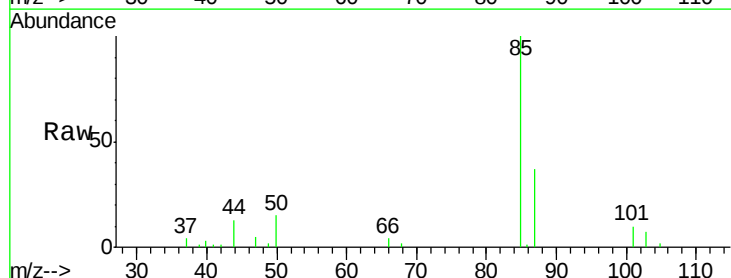
Acq: 08 Jul 2020 13:39

Tgt Ion: 85 Resp: 28512

Ion Ratio Lower Upper

85 100

87 36.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

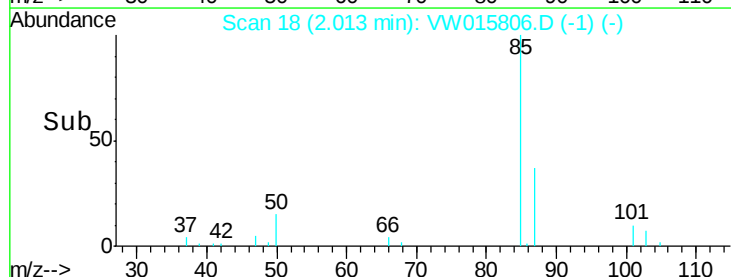
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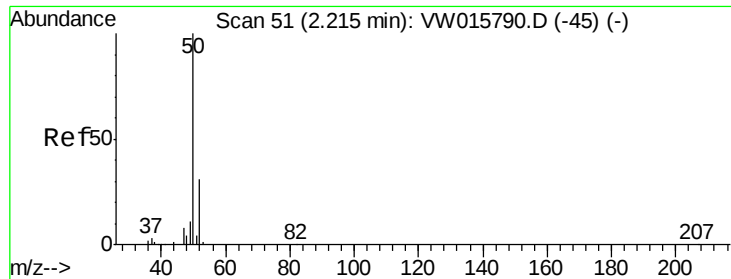
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 21.910 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 50 Resp: 32441

Ion Ratio Lower Upper

50 100

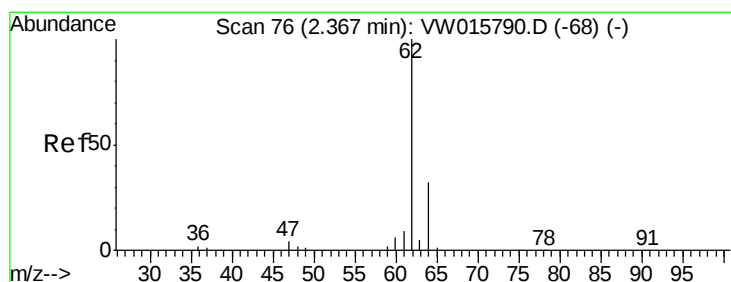
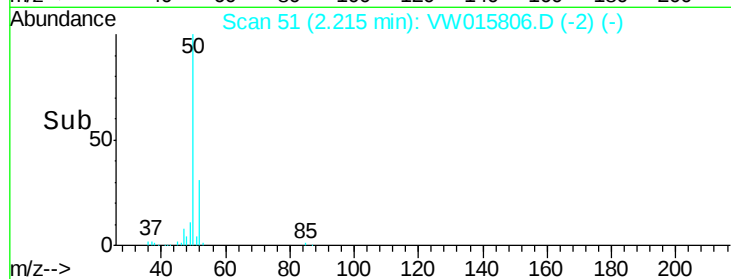
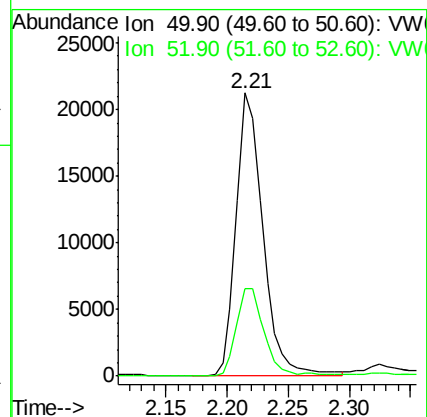
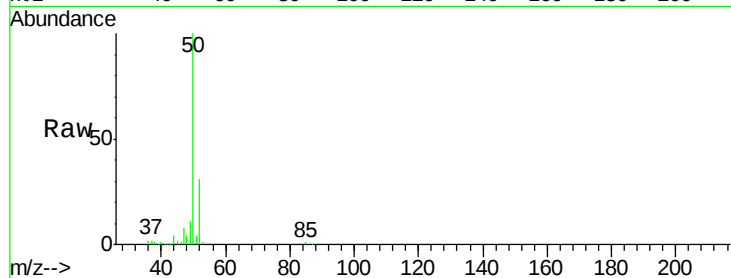
52 31.1 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.166 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015806.D

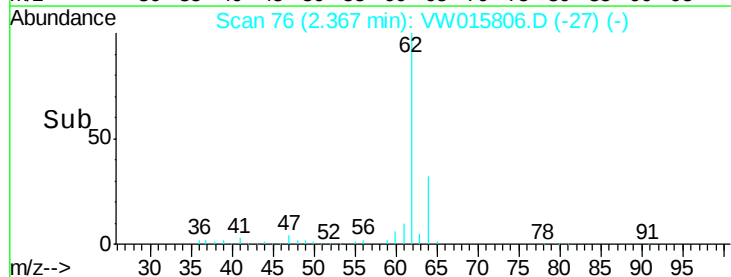
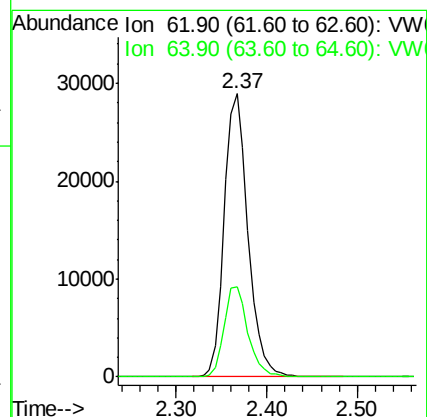
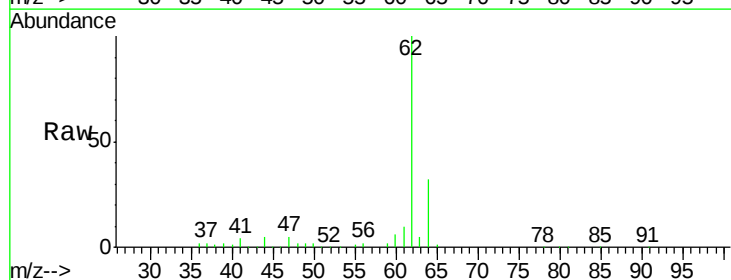
Acq: 08 Jul 2020 13:39

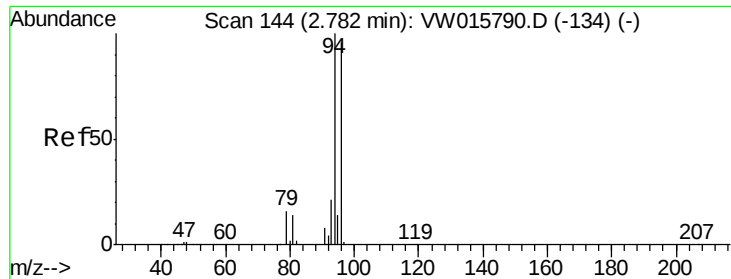
Tgt Ion: 62 Resp: 52959

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 21.681 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

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ClientSampleId :

VW0708SBS01

Tot Ion: 94 Resp: 37925

Ion Ratio Lower Upper

94 100

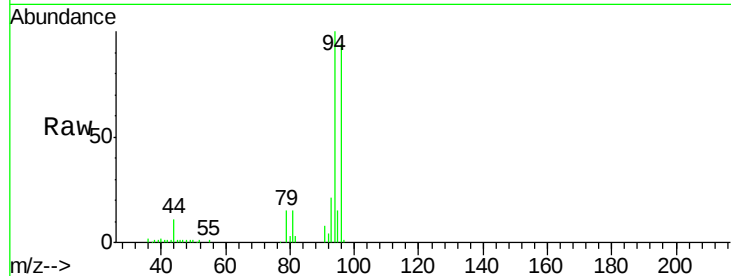
96 93.9 76.7 115.1

Manual Integrations

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7/9/2020 10:47:32 AM



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

15000

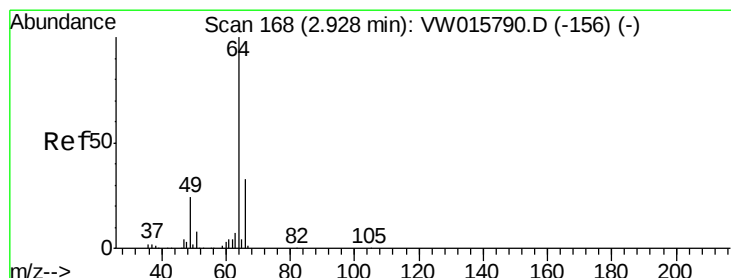
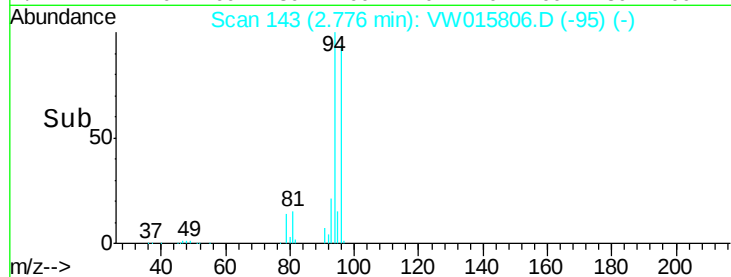
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5000

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Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 22.185 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW015806.D

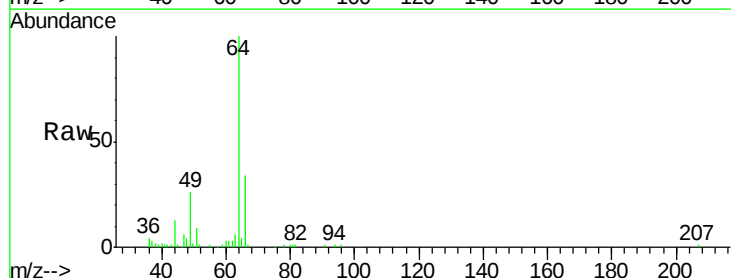
Acq: 08 Jul 2020 13:39

Tgt Ion: 64 Resp: 34228

Ion Ratio Lower Upper

64 100

66 33.6 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

15000

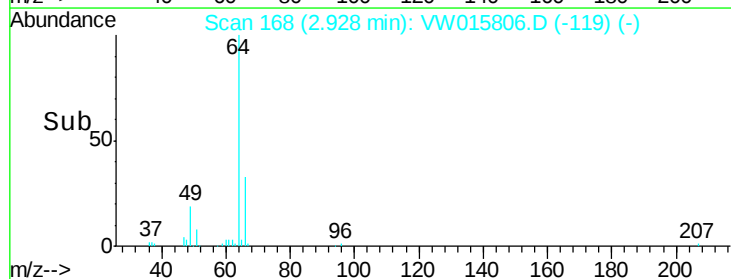
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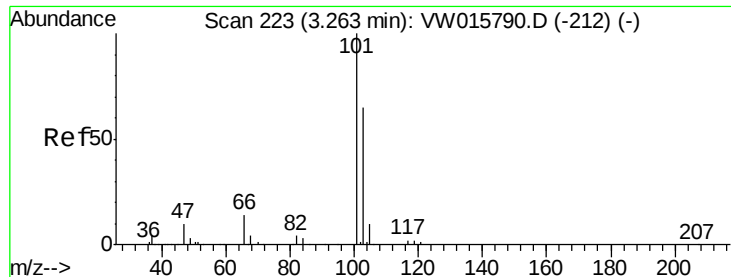
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Time-->

2.80 2.90 3.00 3.10





#7

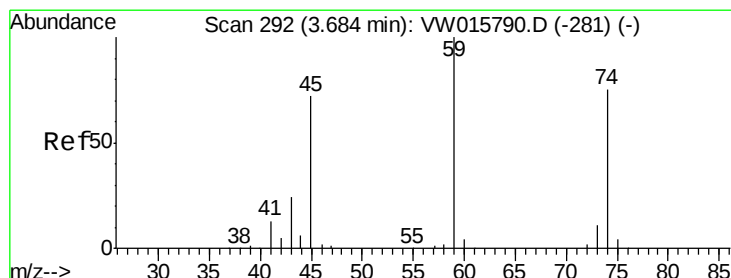
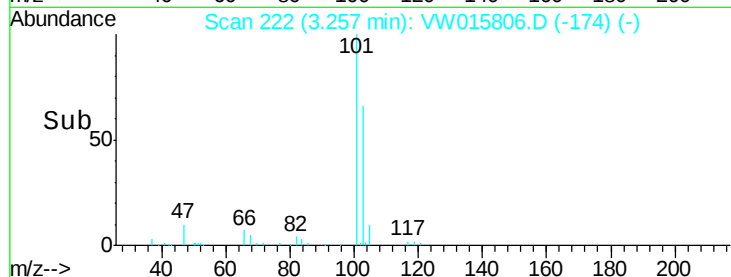
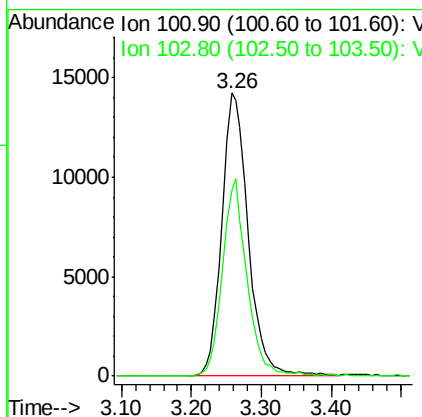
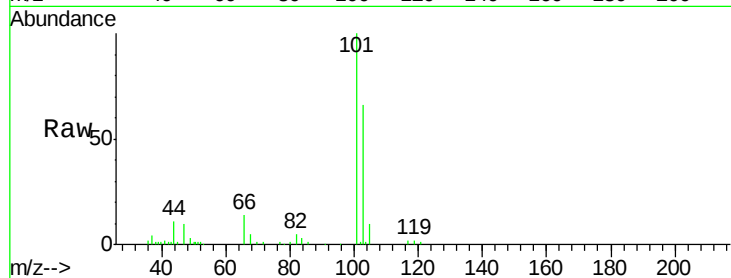
Trichlorofluoromethane
 Concen: 22.723 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

Manual Integrations
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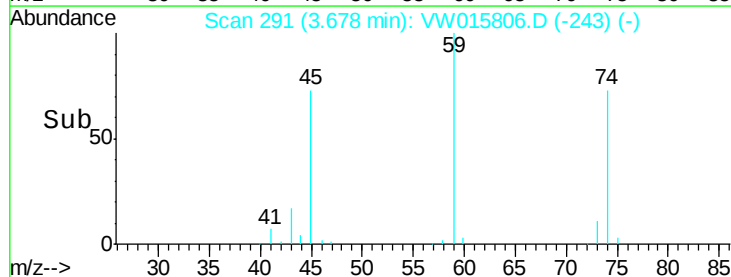
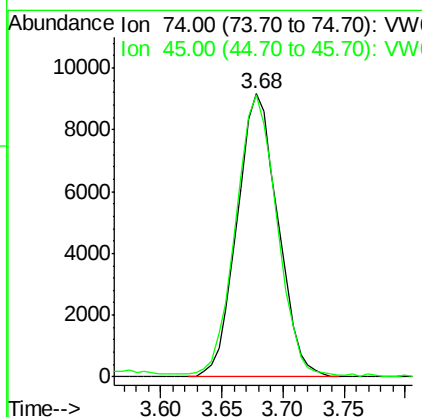
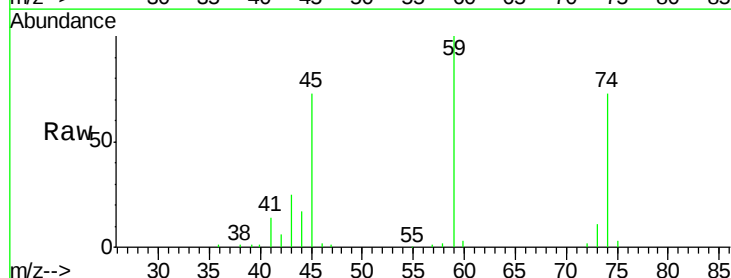
MMDadoda
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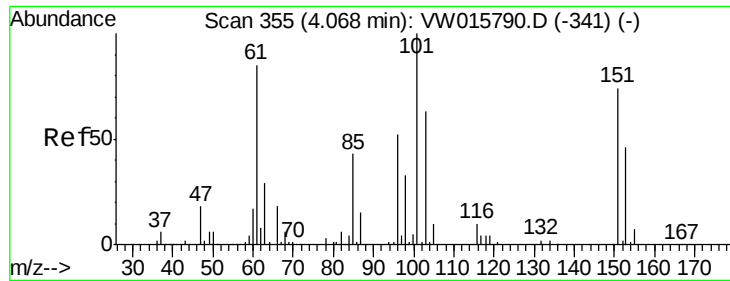


#8

Diethyl Ether
 Concen: 20.773 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.807 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

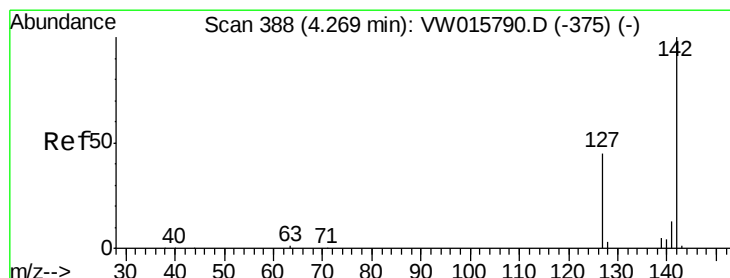
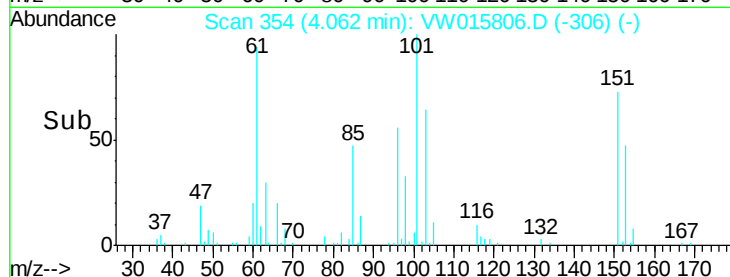
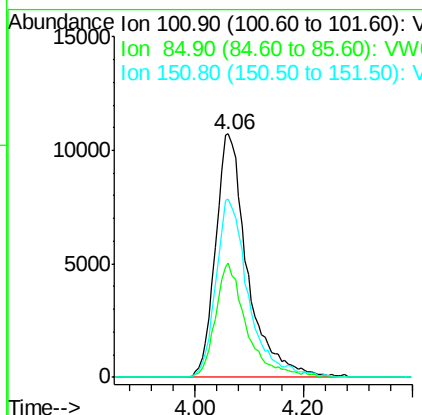
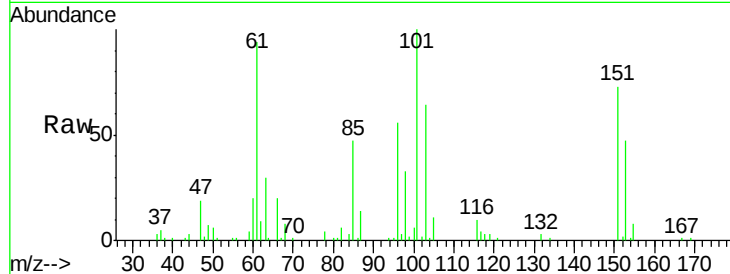
ClientSampleId :

VW0708SBS01

Tot Ion:	101	Resp:	43863
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.1	54.1
151	74.2	60.3	90.5

Manual Integrations
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7/9/2020 10:47:32 AM



#10

Methyl Iodide

Concen: 21.804 ug/l

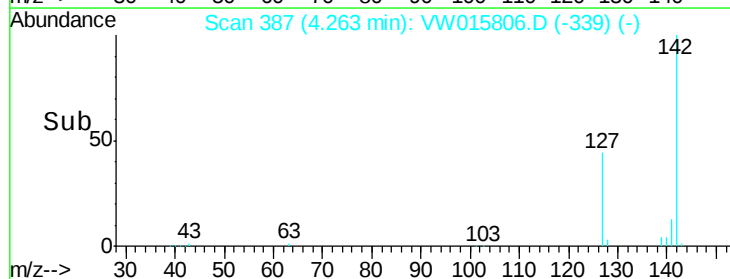
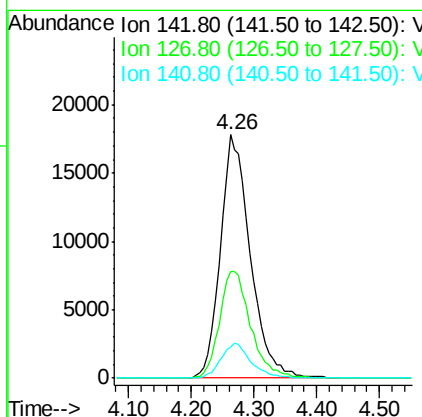
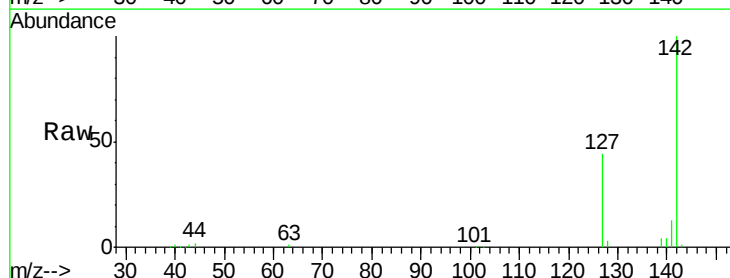
RT: 4.26 min Scan# 387

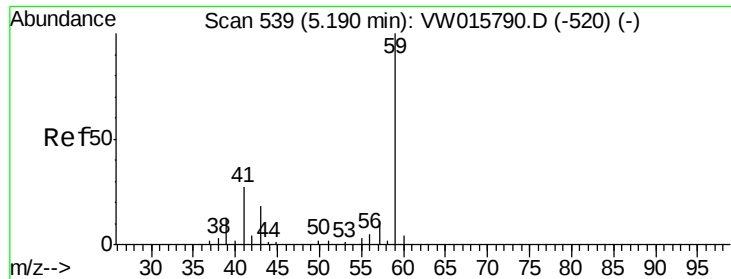
Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion:	142	Resp:	58633
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.1	54.1
141	14.4	11.7	17.5





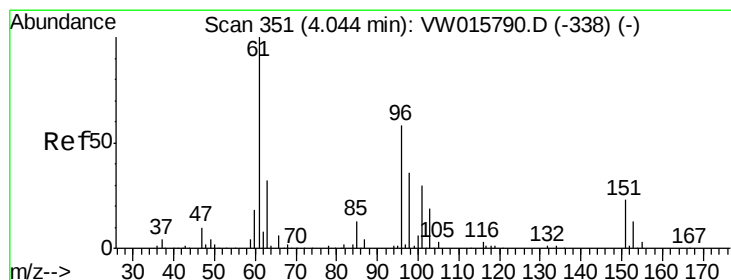
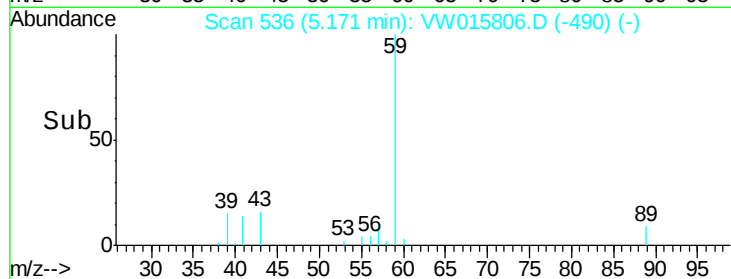
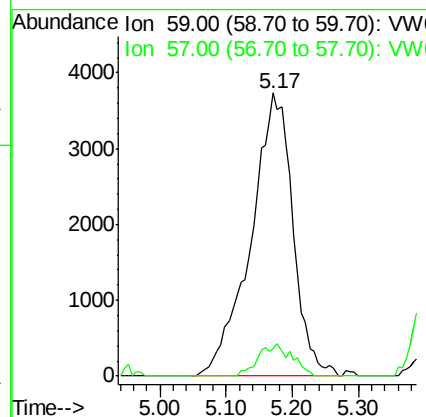
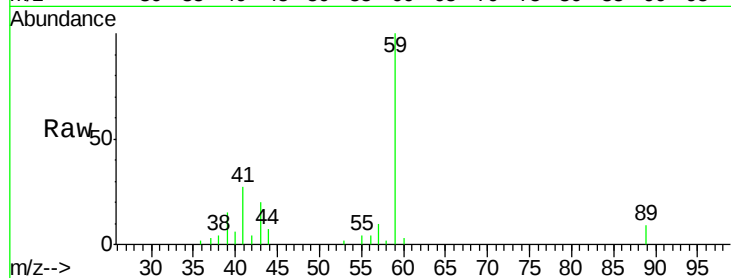
#11
Tert butyl alcohol
Concen: 146.155 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.02 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.7	13.1

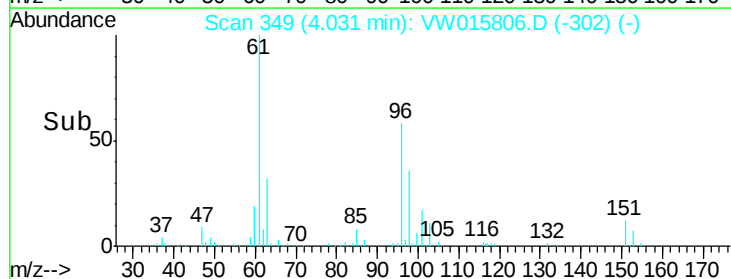
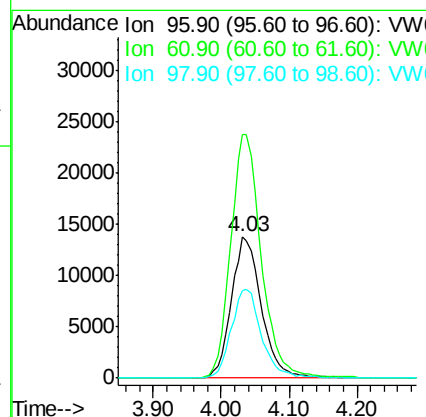
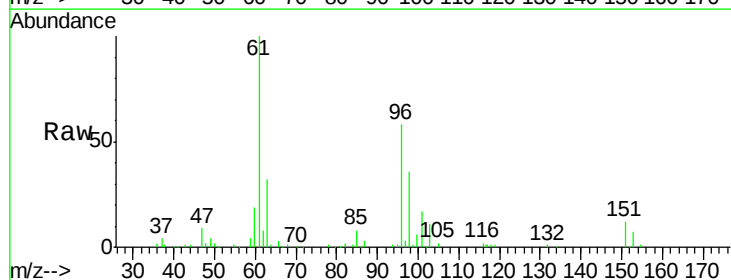
Manual Integrations
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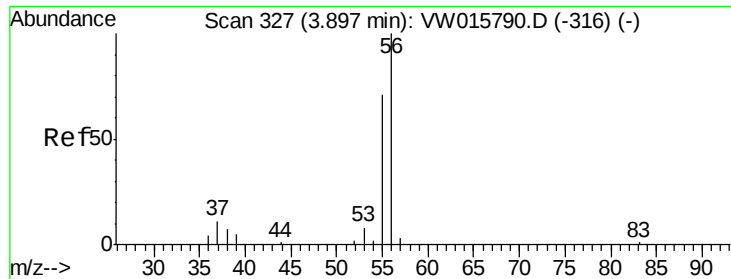
MMDadoda
7/9/2020 10:47:32 AM



#12
1,1-Dichloroethene
Concen: 22.340 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.7	137.0	205.4
98	62.0	49.3	73.9





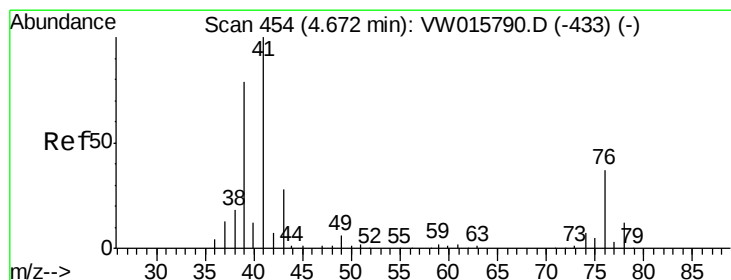
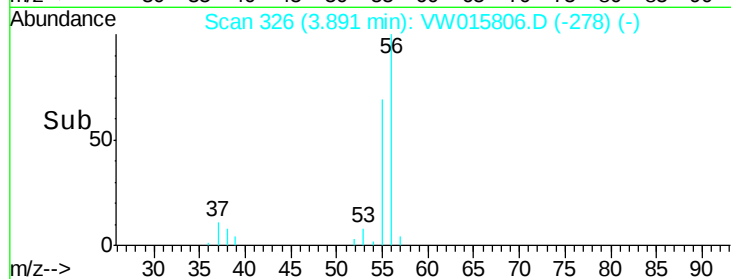
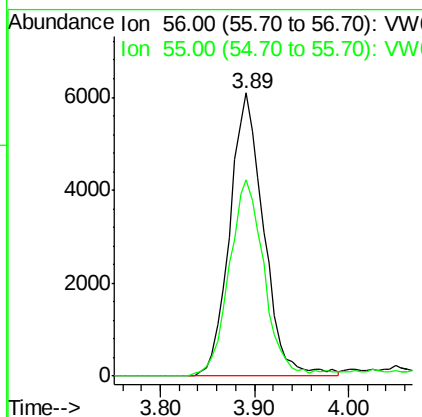
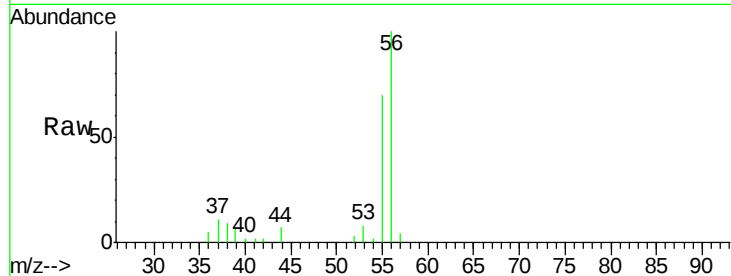
#13
Acrolein
Concen: 103.341 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	56	Resp	15282
Ion Ratio	100	Lower	Upper
56	100		
55	70.6	55.8	83.6

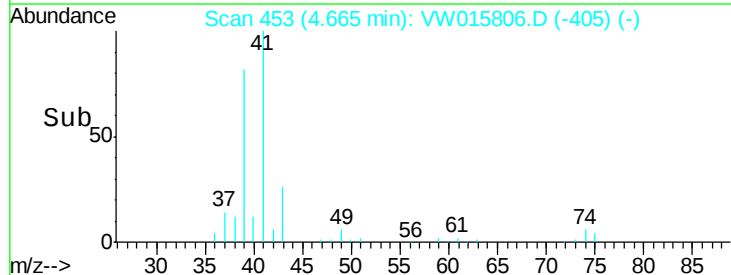
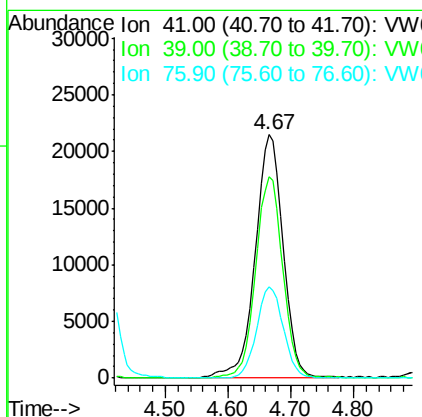
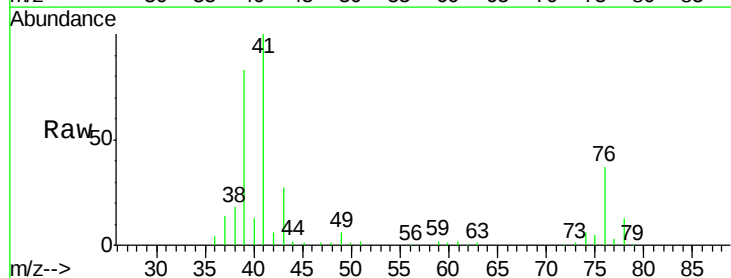
Manual Integrations
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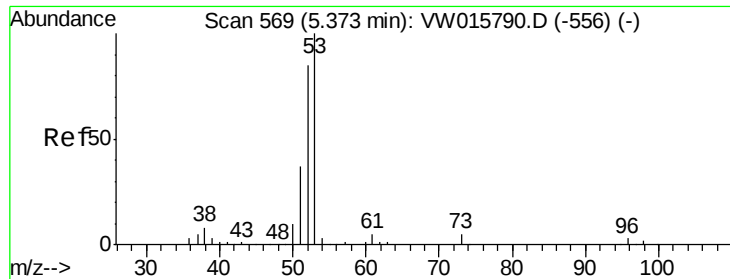
MMDadoda
7/9/2020 10:47:32 AM



#14
Allyl chloride
Concen: 21.526 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	41	Resp	66159
Ion Ratio	100	Lower	Upper
41	100		
39	80.2	64.0	96.0
76	35.8	28.9	43.3





#15

Acrylonitrile

Concen: 107.001 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

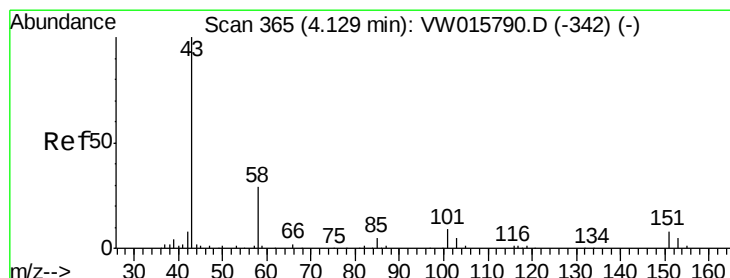
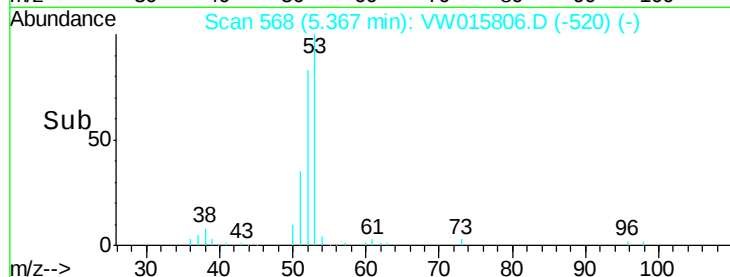
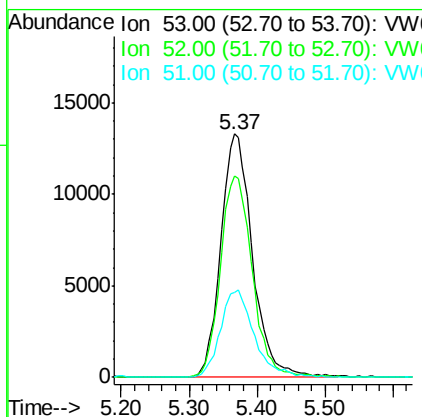
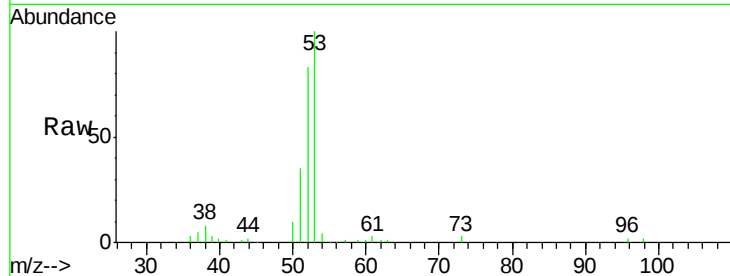
ClientSampleId :

VW0708SBS01

Tot Ion:	53	Resp:	42827
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.8
51	38.4	30.2	45.2

Manual Integrations
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MMDadoda
7/9/2020 10:47:32 AM



#16

Acetone

Concen: 125.787 ug/l

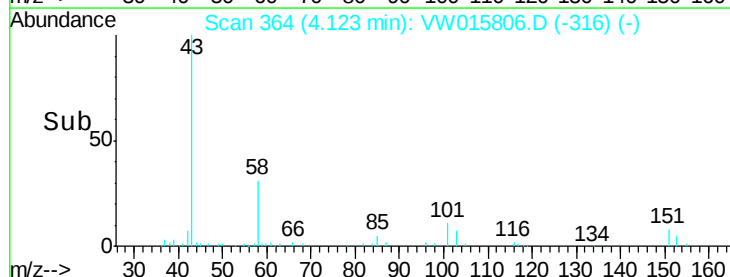
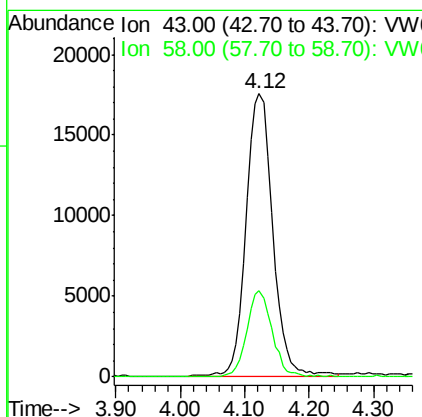
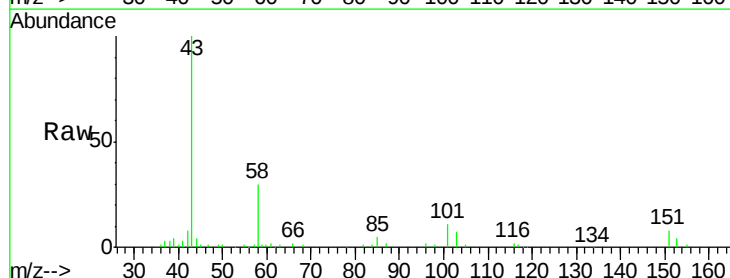
RT: 4.12 min Scan# 364

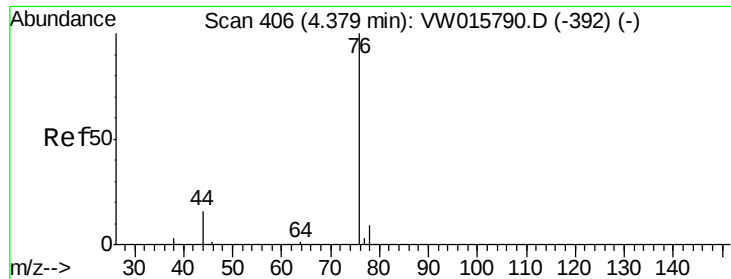
Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion:	43	Resp:	50172
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.5	35.3





#17

Carbon Disulfide

Concen: 21.761 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

Tot Ion: 76 Resp: 122408

Ion Ratio Lower Upper

76 100

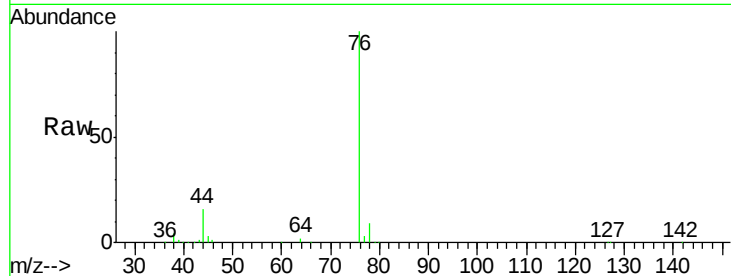
78 8.7 7.4 11.0

Manual Integrations

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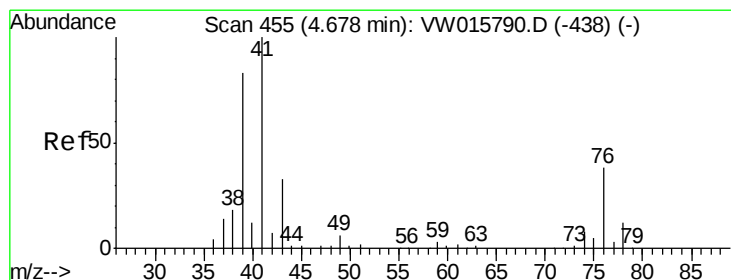
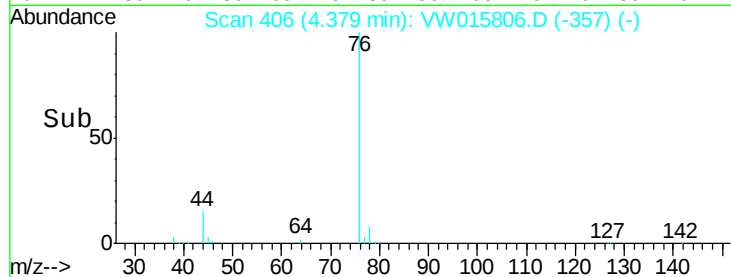
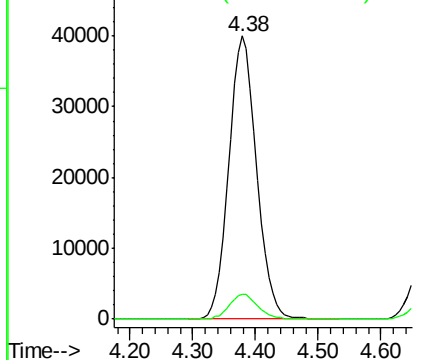
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.769 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015806.D

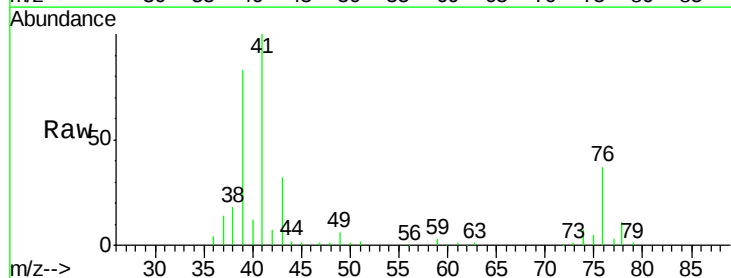
Acq: 08 Jul 2020 13:39

Tgt Ion: 43 Resp: 18852

Ion Ratio Lower Upper

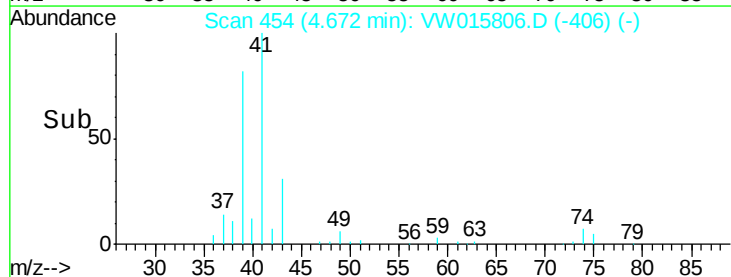
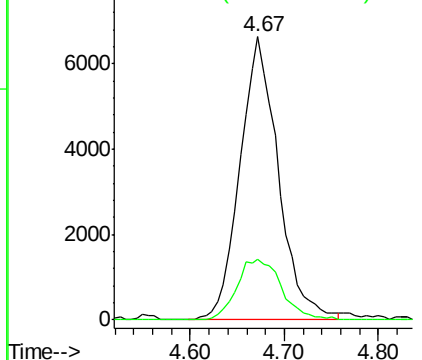
43 100

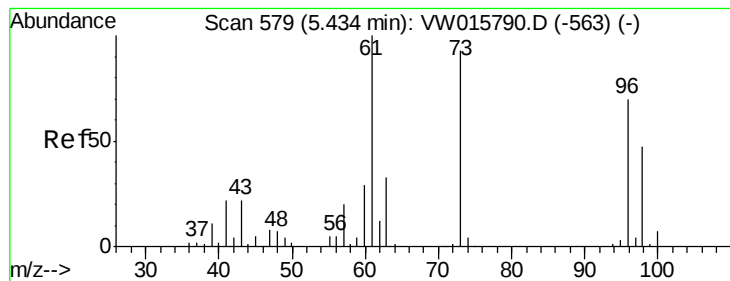
74 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

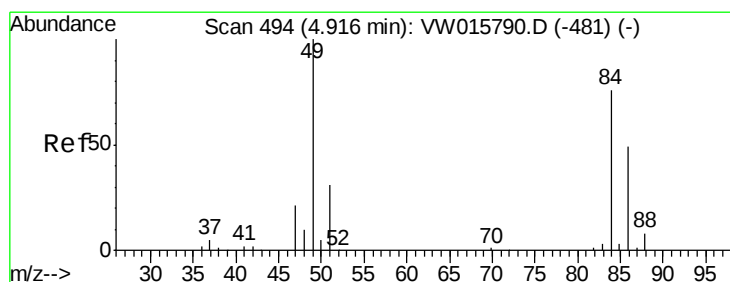
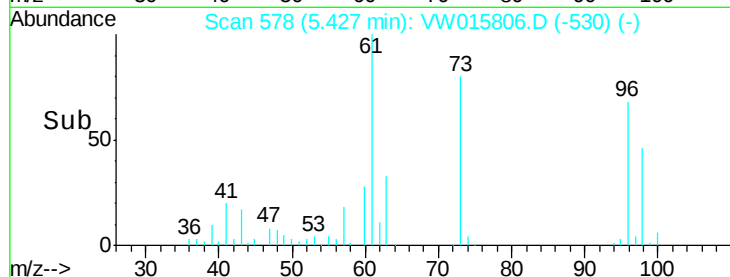
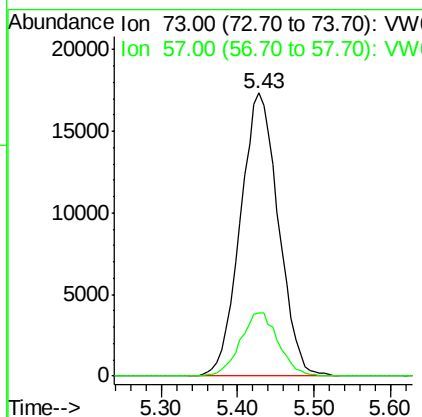
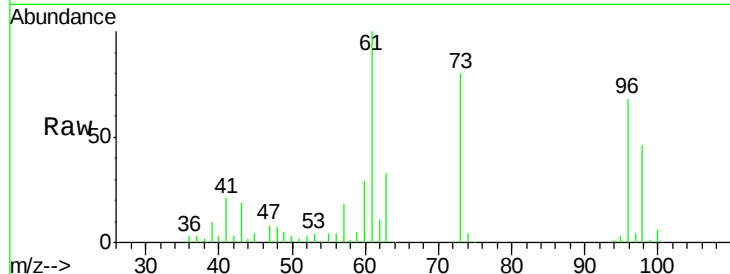
Methyl tert-butyl Ether
 Concen: 21.232 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	16.8	25.2

Manual Integrations
 APPROVED

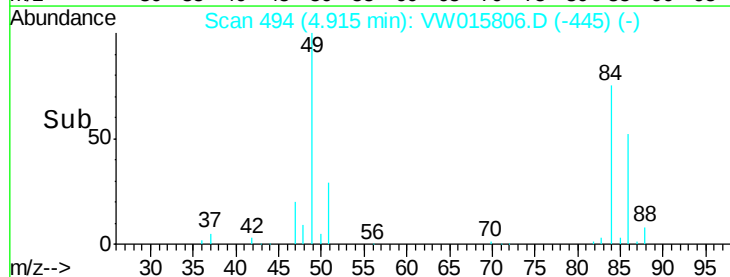
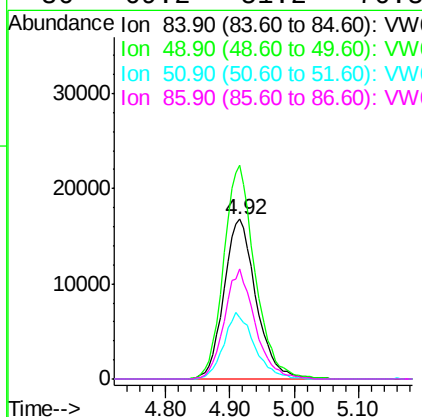
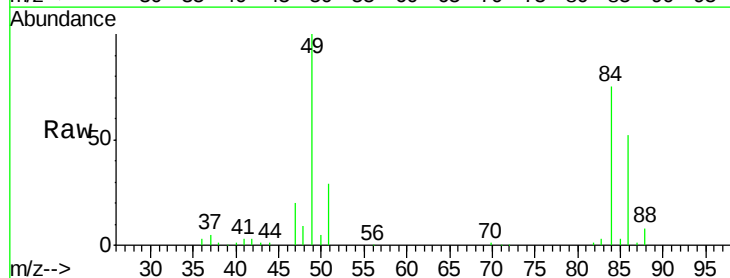
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 7/9/2020 10:47:32 AM

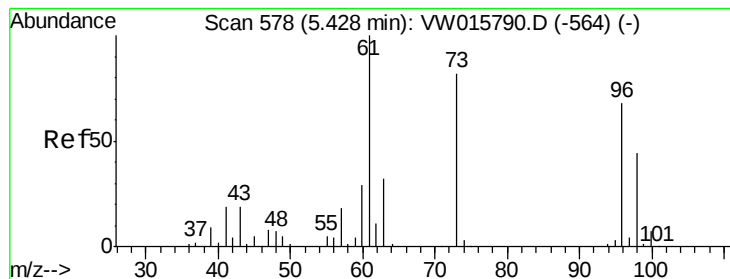


#20

Methylene Chloride
 Concen: 26.551 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.6	105.0	157.6
51	38.7	32.3	48.5
86	69.2	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 21.334 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

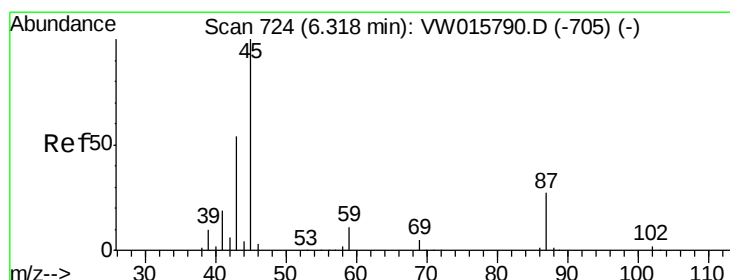
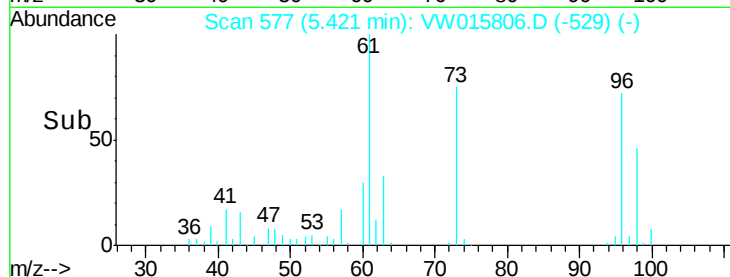
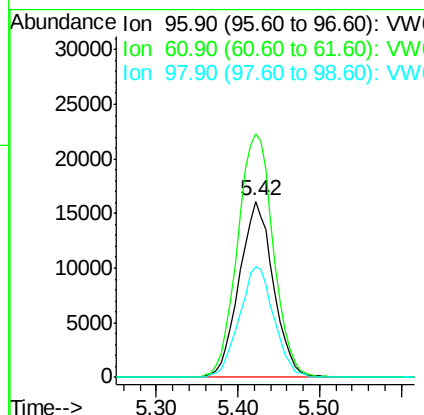
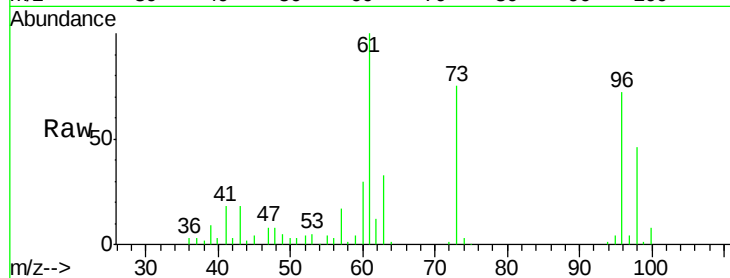
ClientSampleId :

VW0708SBS01

Tot Ion:	96	Resp:	46726
Ion	Ratio	Lower	Upper
96	100		
61	138.5	118.1	177.1
98	63.2	52.6	78.8

Manual Integrations
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MMDadoda
7/9/2020 10:47:32 AM



#22

Diisopropyl ether

Concen: 21.197 ug/l

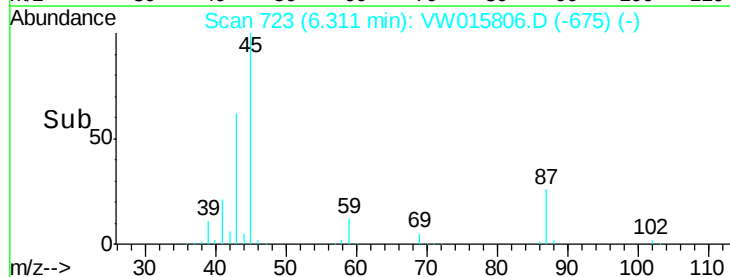
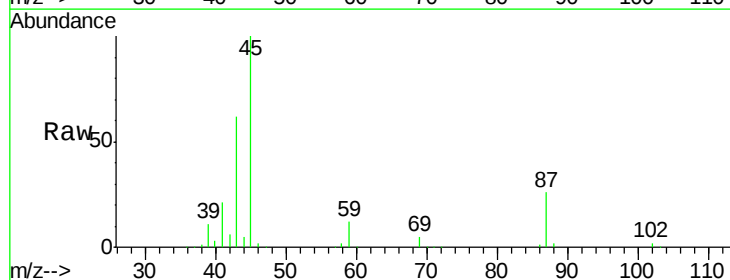
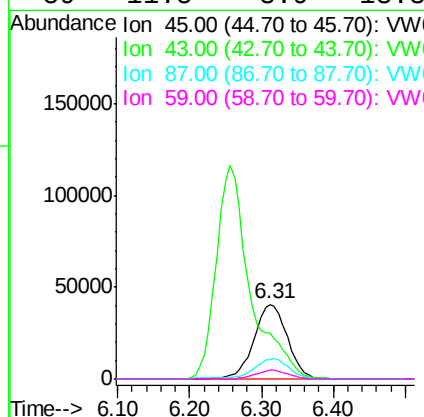
RT: 6.31 min Scan# 723

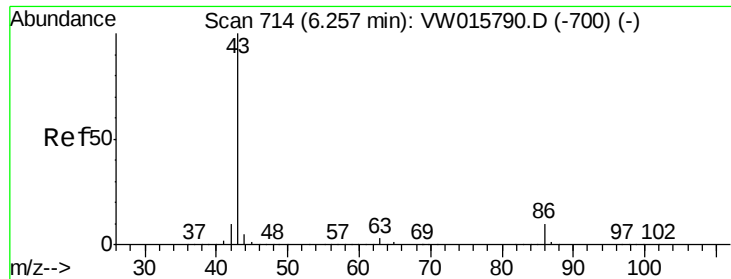
Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion:	45	Resp:	131281
Ion	Ratio	Lower	Upper
45	100		
43	60.7	43.8	65.6
87	25.7	22.1	33.1
59	11.5	8.9	13.3





#23

Vinyl Acetate

Concen: 104.197 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

Tot Ion: 43 Resp: 383841

Ion Ratio Lower Upper

43 100

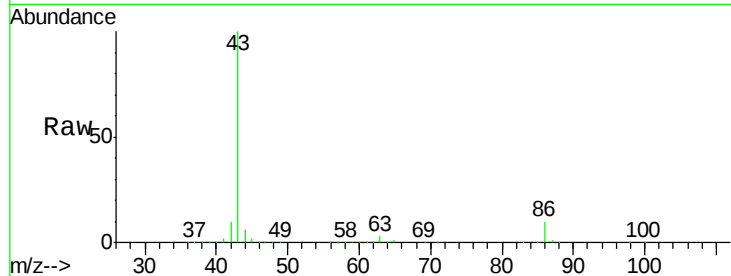
86 10.2 8.2 12.4

Manual Integrations

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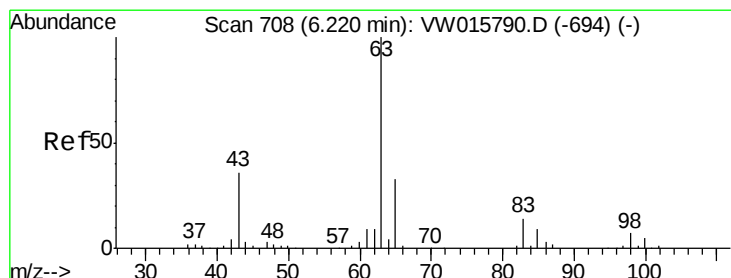
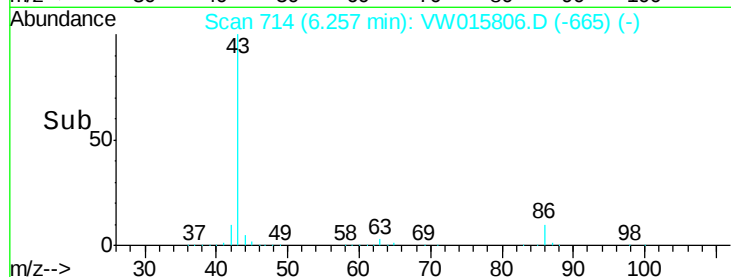
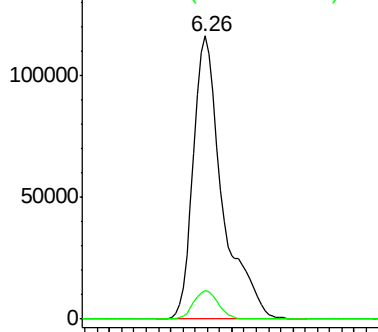
MMDadoda

7/9/2020 10:47:32 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.088 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

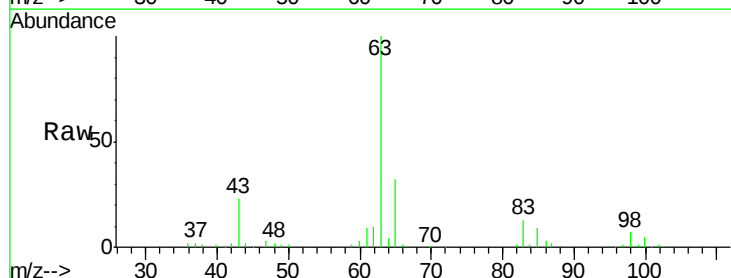
Tgt Ion: 63 Resp: 82693

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

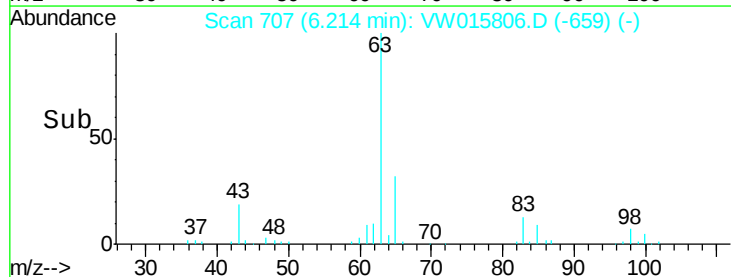
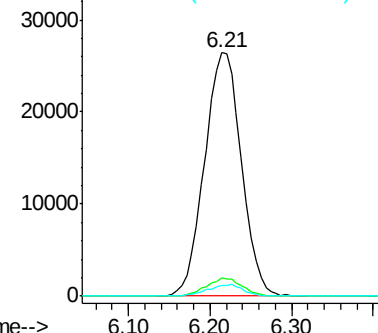
100 4.5 2.4 7.1

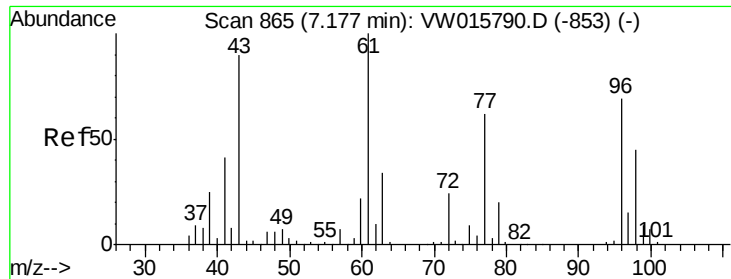


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 111.495 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 43 Resp: 60365

Ion Ratio Lower Upper

43 100

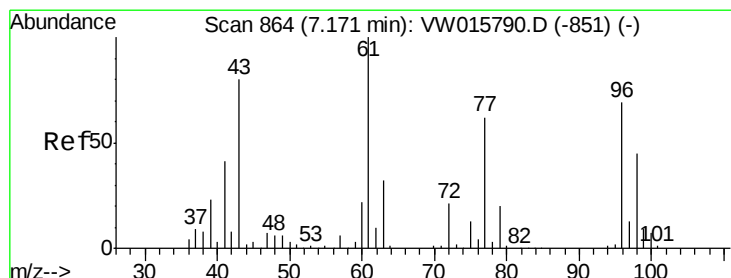
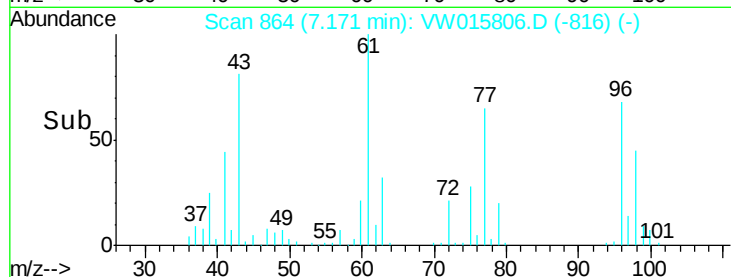
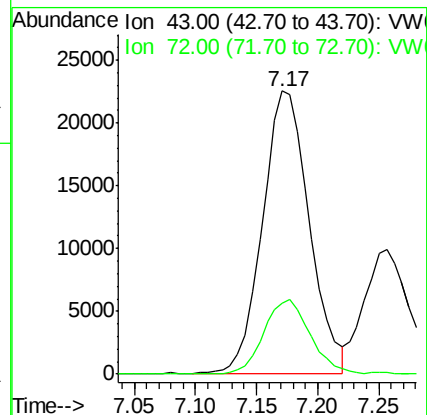
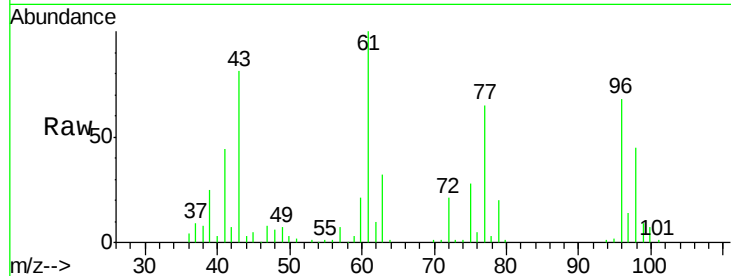
72 25.3 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 22.360 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015806.D

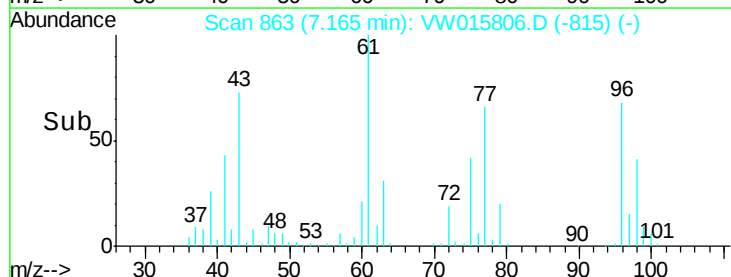
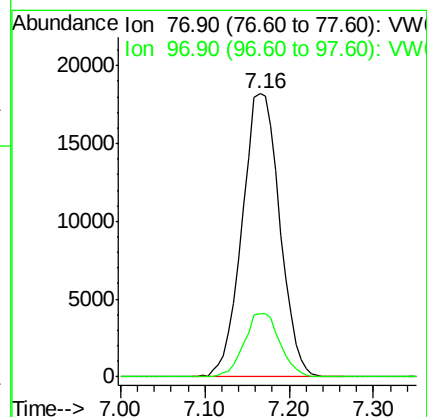
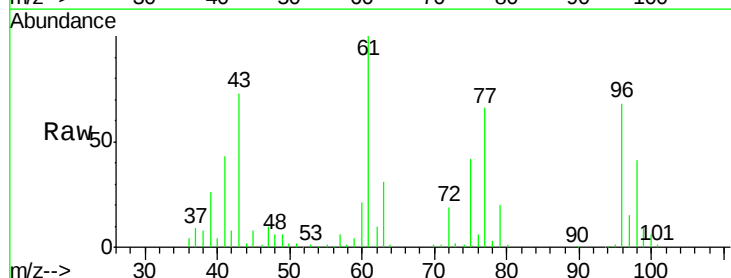
Acq: 08 Jul 2020 13:39

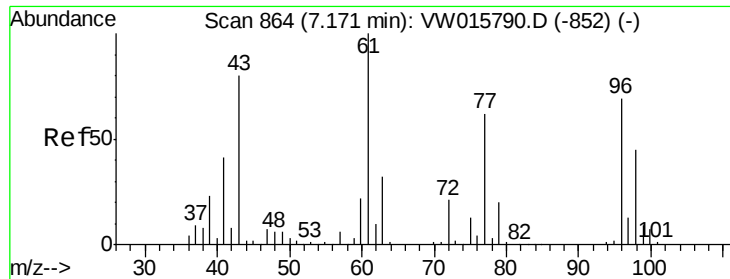
Tgt Ion: 77 Resp: 55007

Ion Ratio Lower Upper

77 100

97 21.2 11.0 33.0





#27

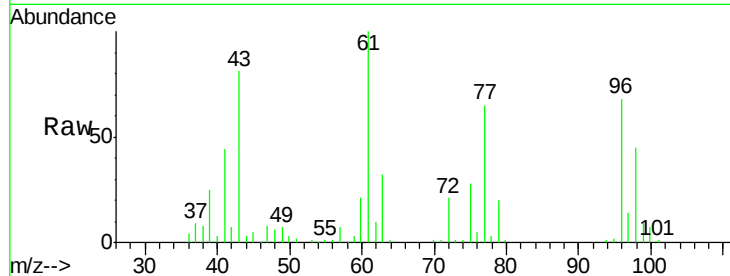
cis-1,2-Dichloroethene
Concen: 21.086 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

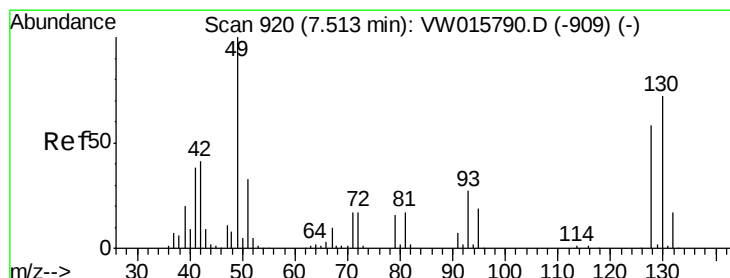
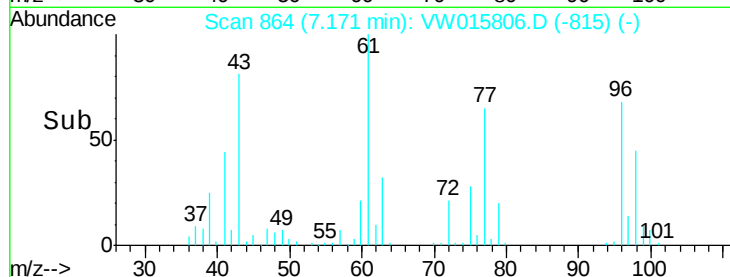
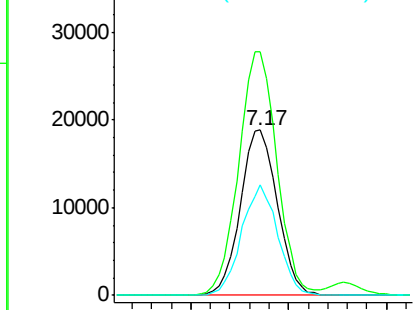
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	292.2
98	64.8	0.0	129.0

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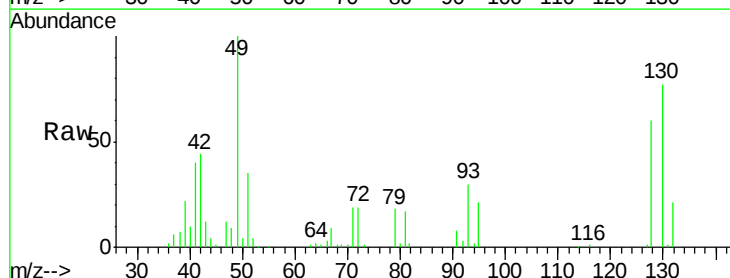
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



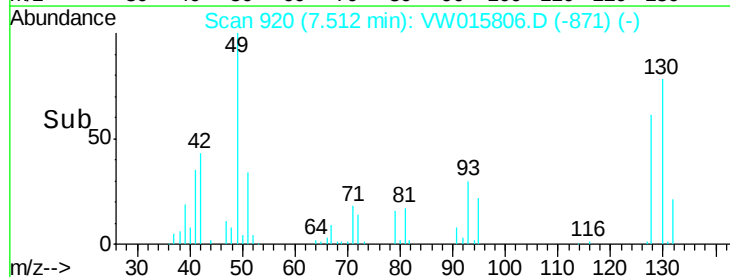
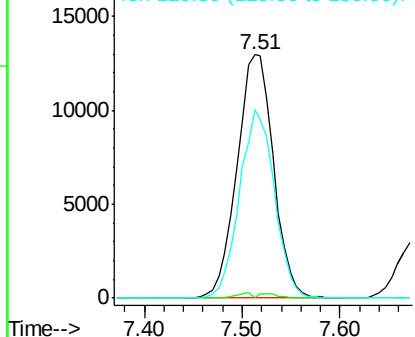
#28

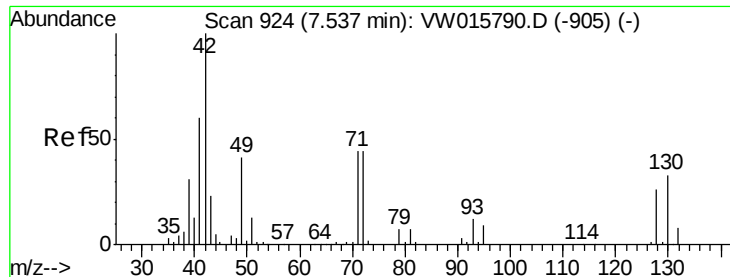
Bromochloromethane
Concen: 21.495 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.6
130	74.3	59.5	89.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





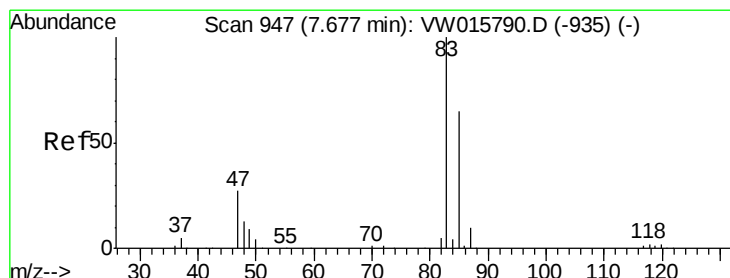
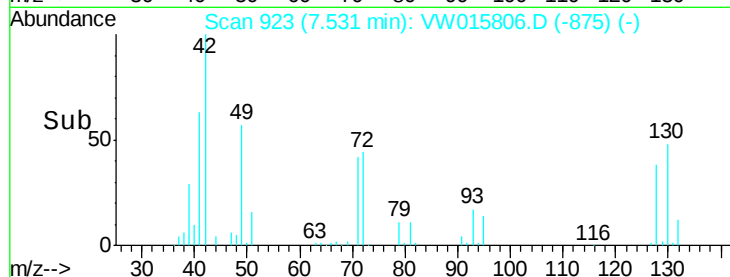
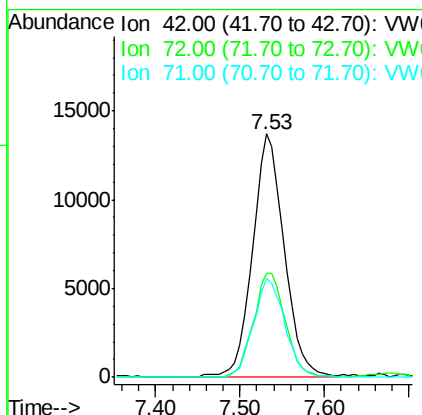
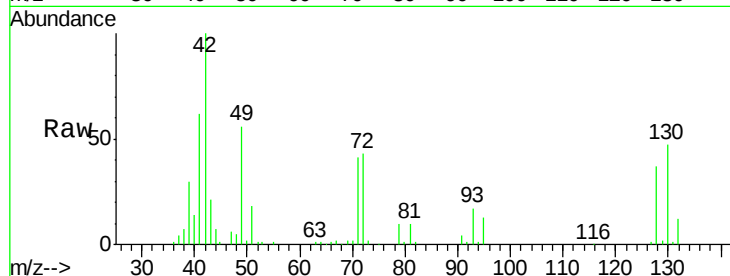
#29
Tetrahydrofuran
Concen: 107.415 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	51.8
71	40.1	32.8	49.2

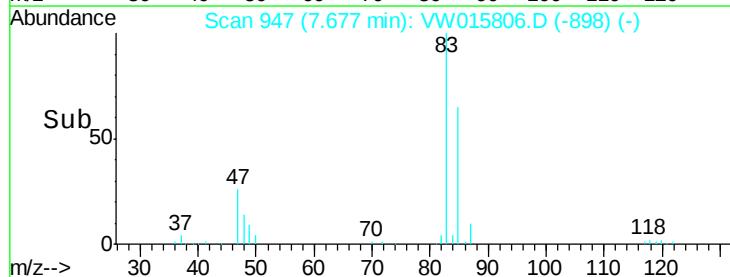
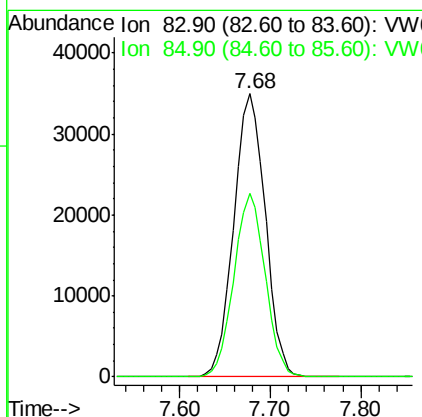
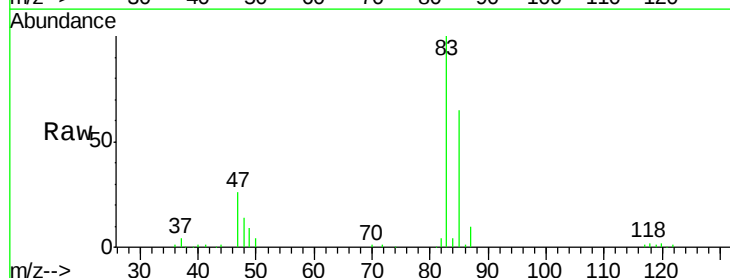
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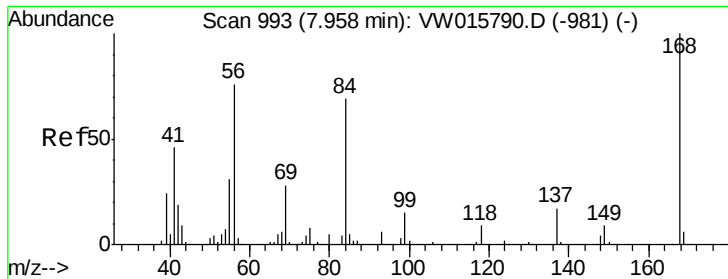
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#30
Chloroform
Concen: 21.042 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





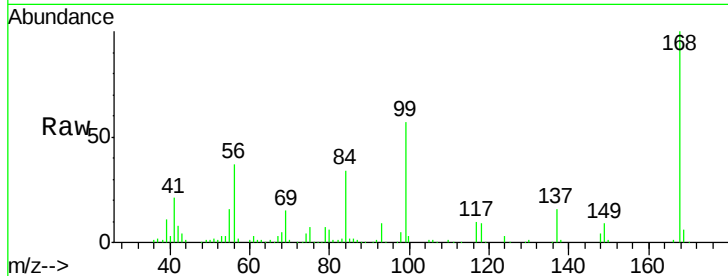
#31
Cyclohexane
Concen: 21.601 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.7	28.9	43.3
84	90.4	72.2	108.4

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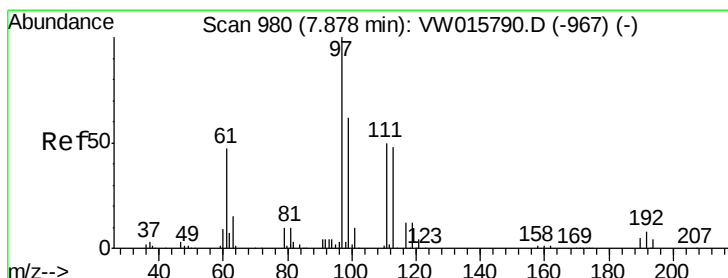
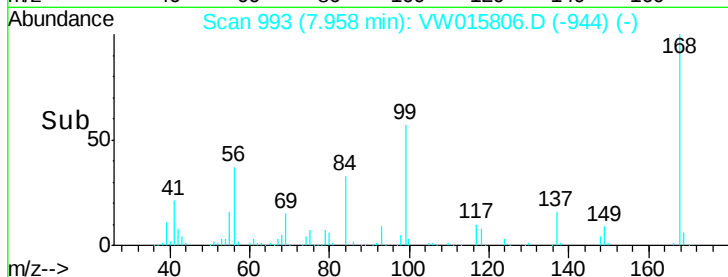
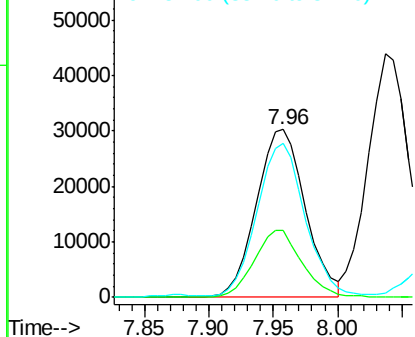


Abundance

Ion 56.00 (55.70 to 56.70): VW

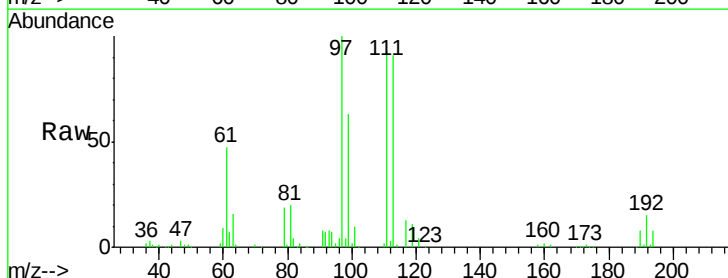
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32
1,1,1-Trichloroethane
Concen: 21.595 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	47.8	38.6	57.8

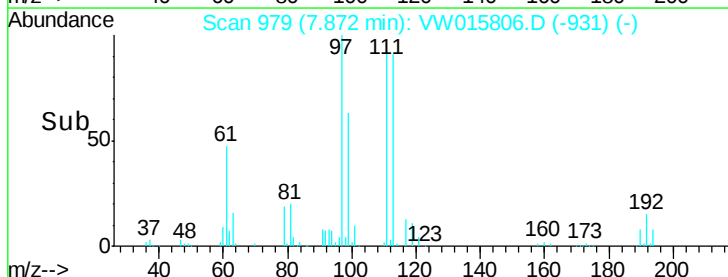
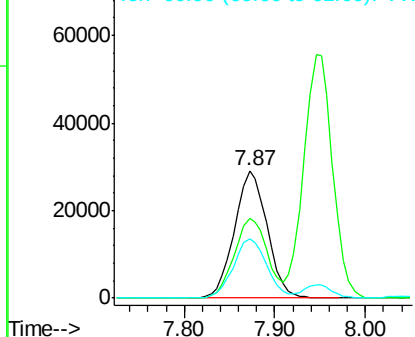


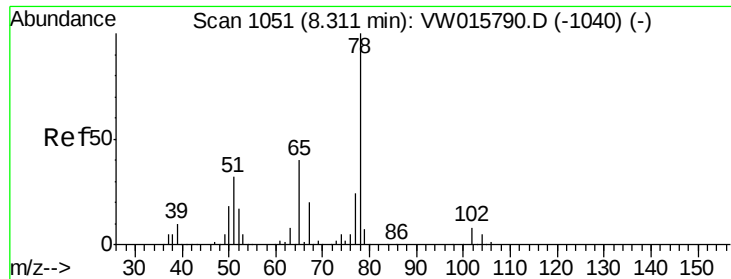
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





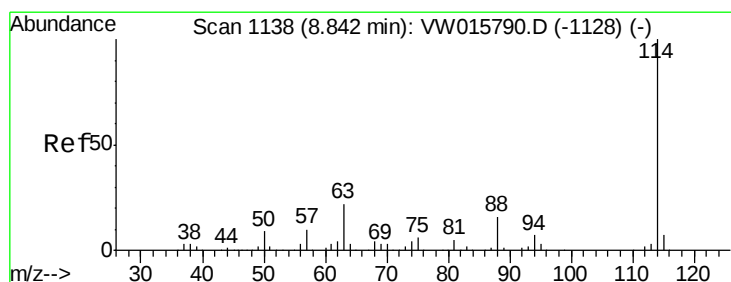
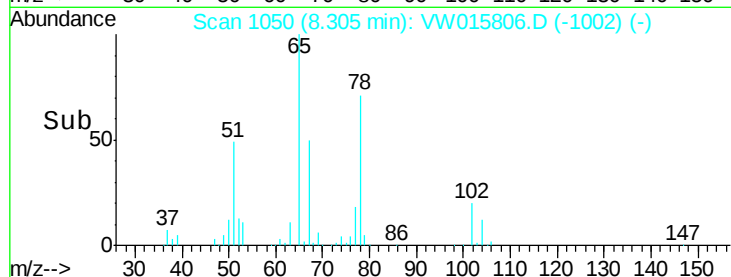
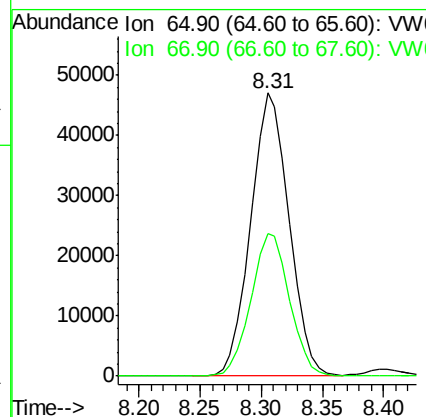
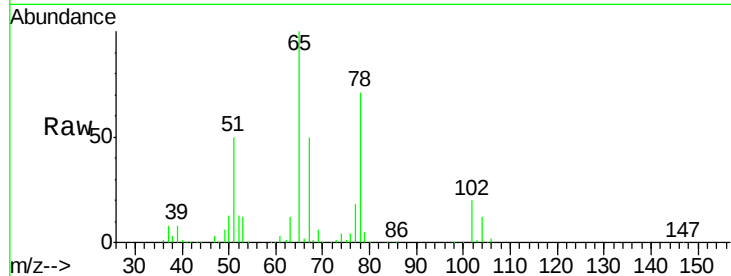
#33
 1,2-Dichloroethane-d4
 Concen: 48.207 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	102763		
67	50.5	0.0	101.4	

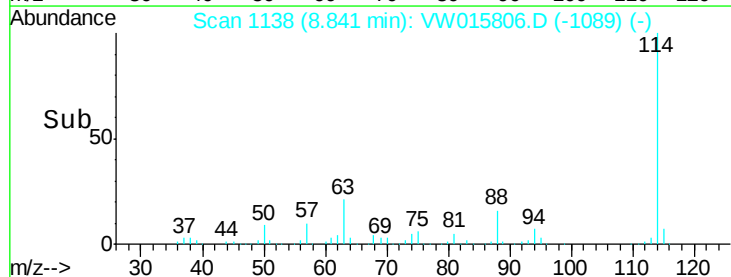
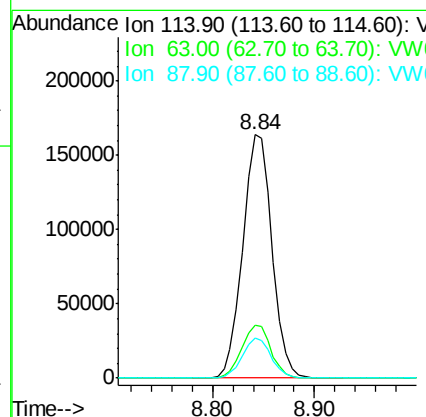
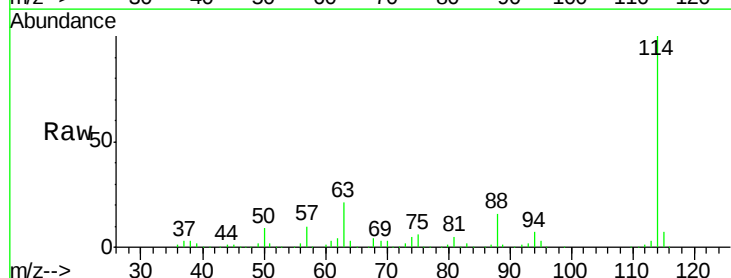
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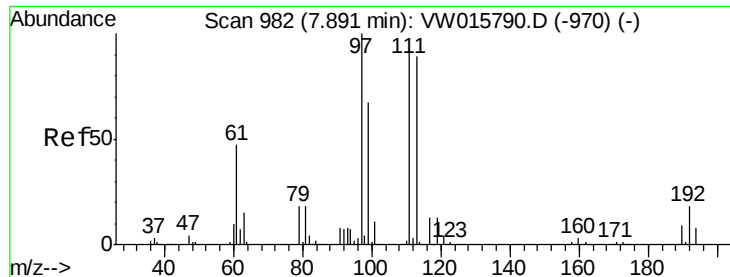
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	324312		
63	21.5	0.0	44.4	
88	16.3	0.0	32.6	





#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

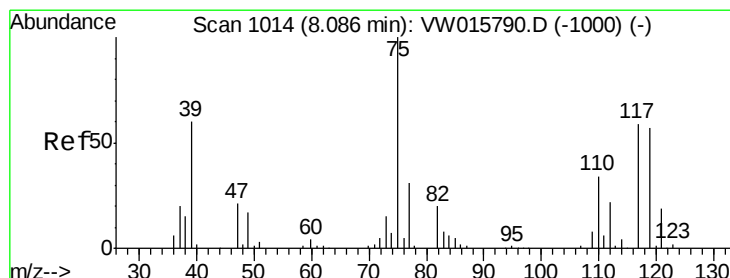
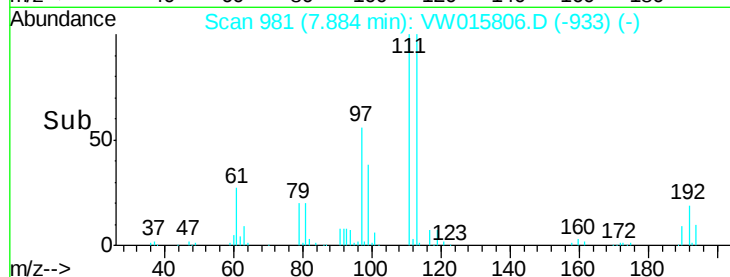
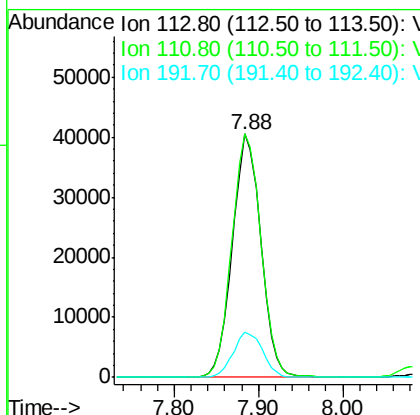
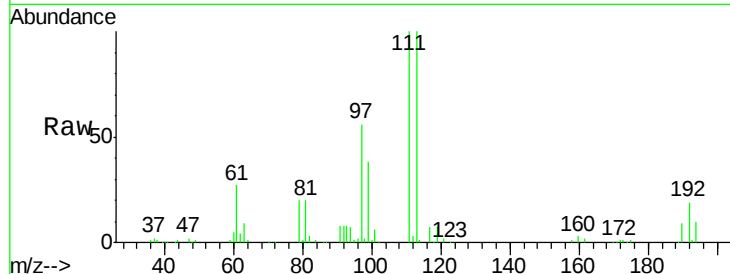
ClientSampleID :

VW0708SBS01

Tot Ion:	113	Resp:	92598
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	19.3	15.4	23.2

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MMDadoda
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#36

1,1-Dichloropropene

Concen: 21.756 ug/l

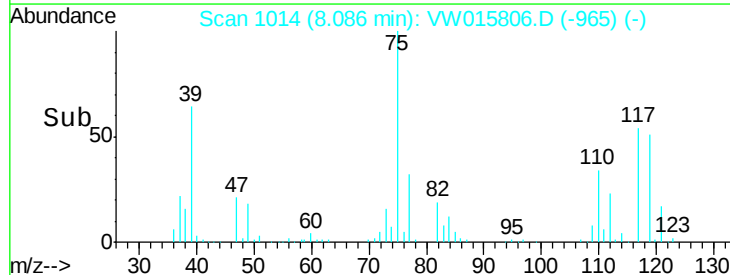
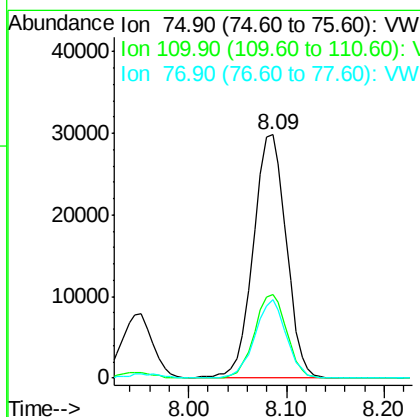
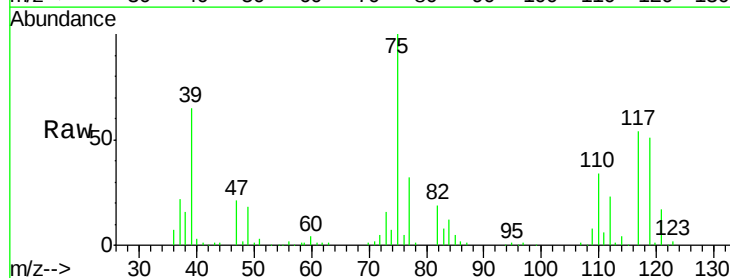
RT: 8.09 min Scan# 1014

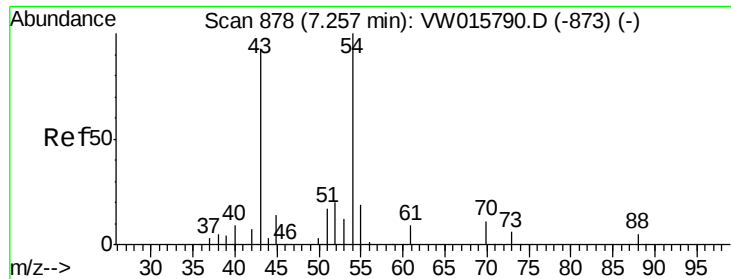
Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion:	75	Resp:	69553
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.8	50.3
77	30.9	24.7	37.1





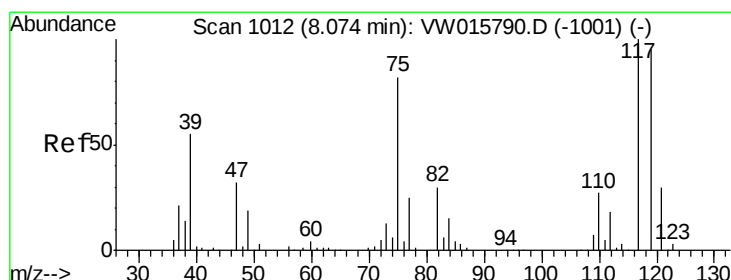
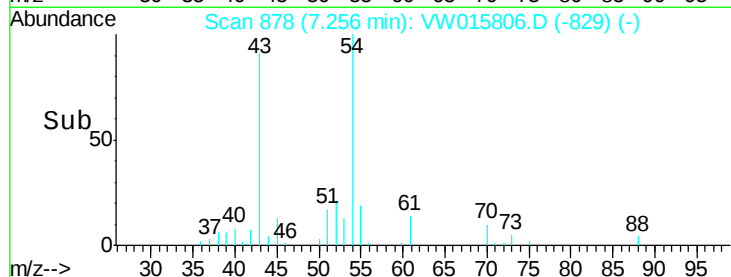
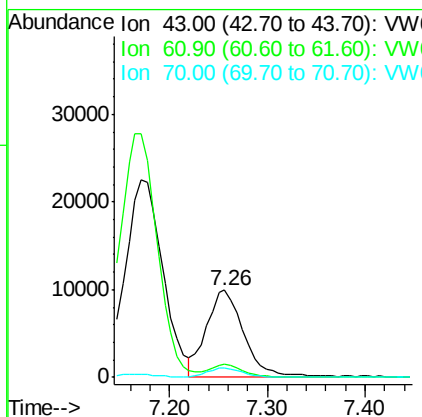
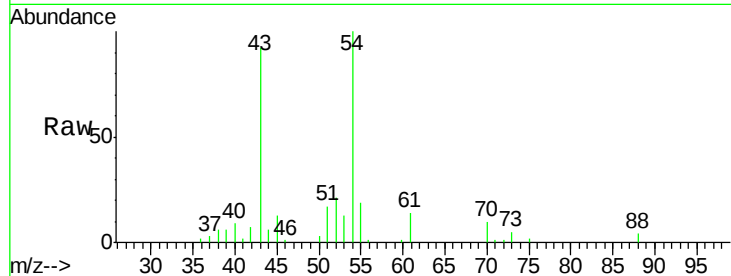
#37
Ethyl Acetate
Concen: 20.861 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

Tot Ion: 43 Resp: 25914
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 10.1 8.4 12.6

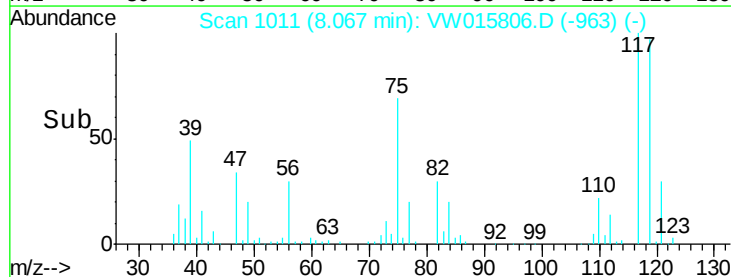
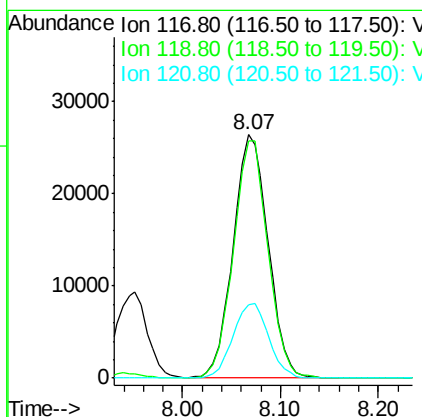
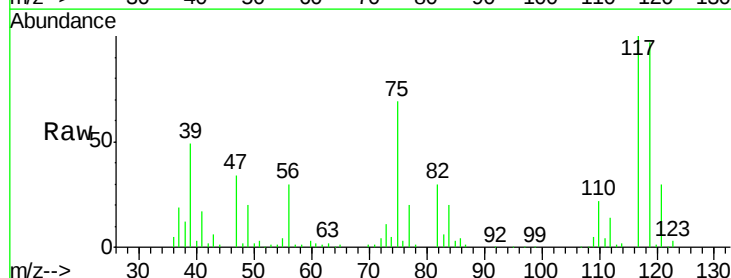
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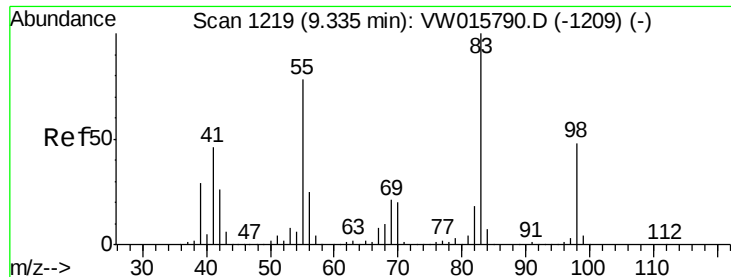
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7/9/2020 10:47:32 AM



#38
Carbon Tetrachloride
Concen: 21.226 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 117 Resp: 65663
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5
121 30.3 24.0 36.0





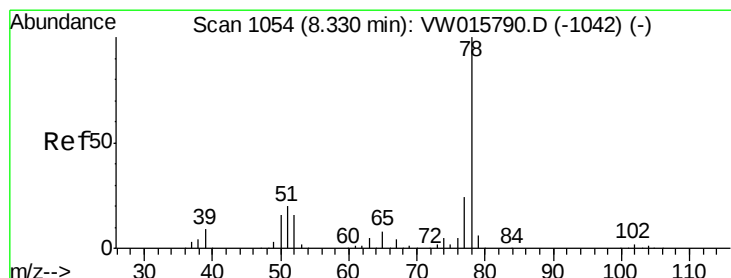
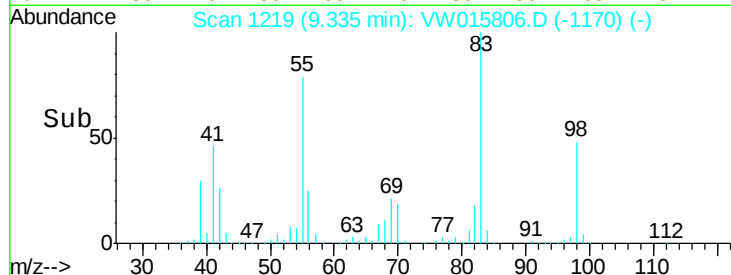
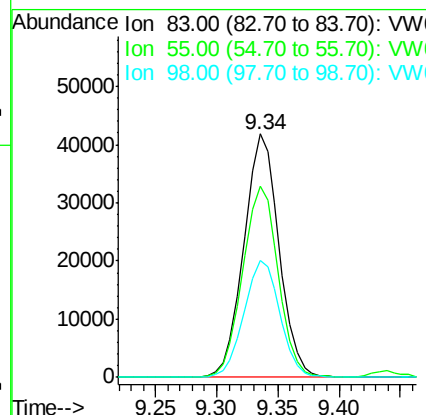
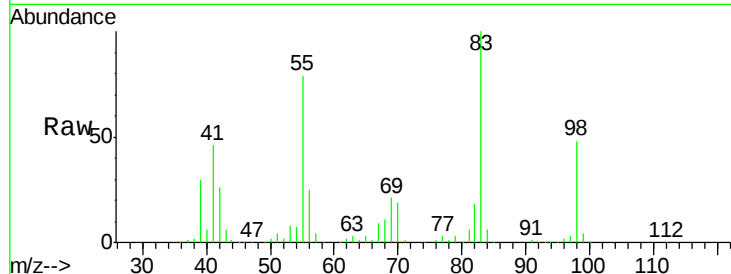
#39
Methvlcvclohexane
Concen: 22.154 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	83	Resp	83573
Ion Ratio	100	Lower	Upper
83	100		
55	78.6	62.6	94.0
98	47.8	38.6	58.0

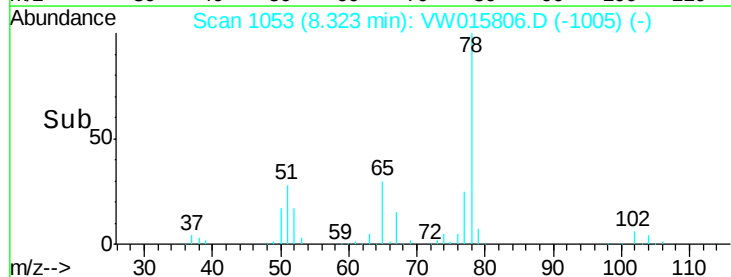
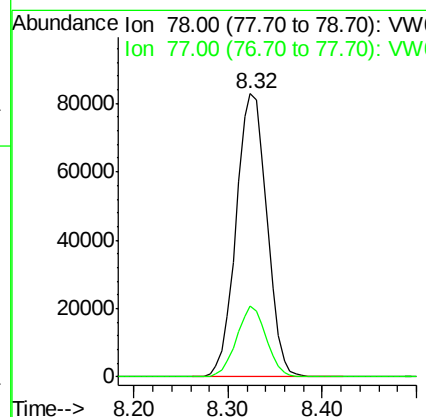
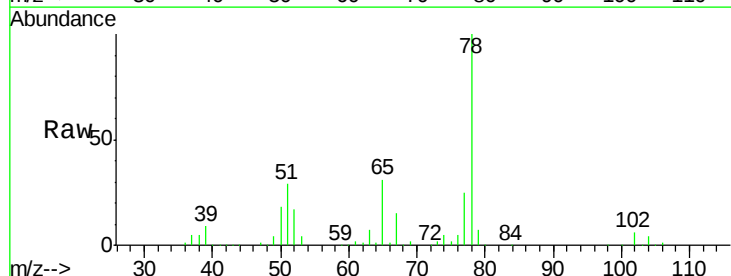
Manual Integrations
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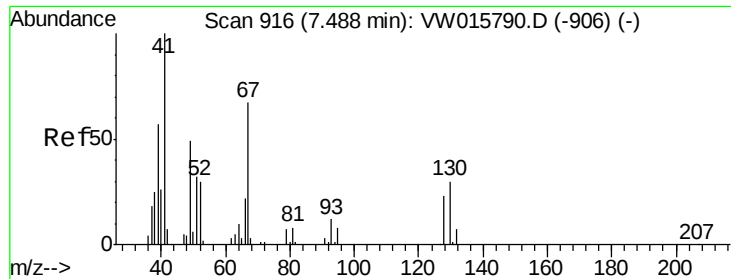
MMDadoda
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#40
Benzene
Concen: 21.524 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	78	Resp	188489
Ion Ratio	100	Lower	Upper
78	100		
77	25.0	19.0	28.6





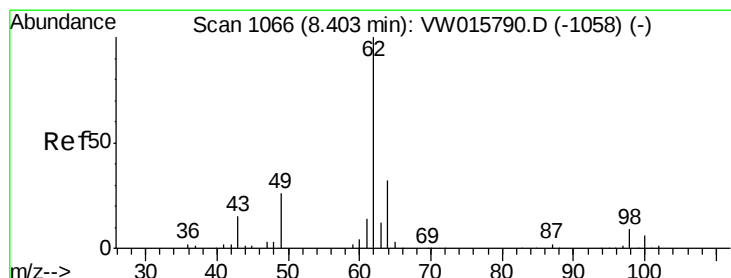
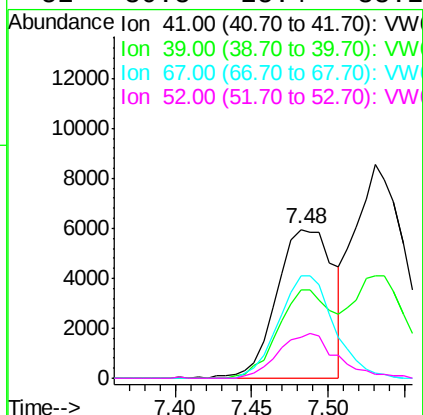
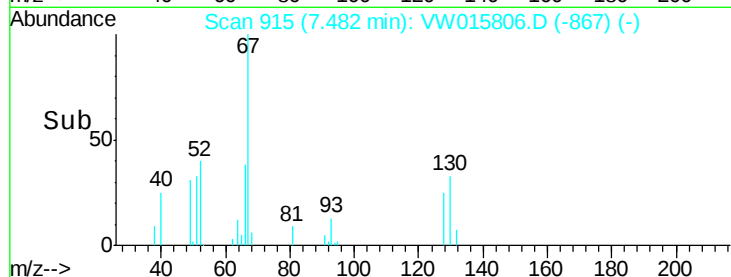
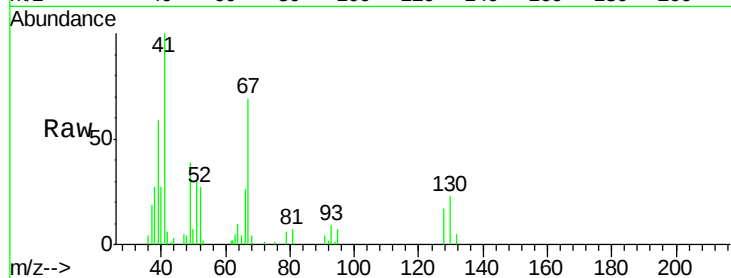
#41
Methacrylonitrile
Concen: 21.845 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.6	66.8
67	66.9	56.4	84.6
52	30.8	25.4	38.2

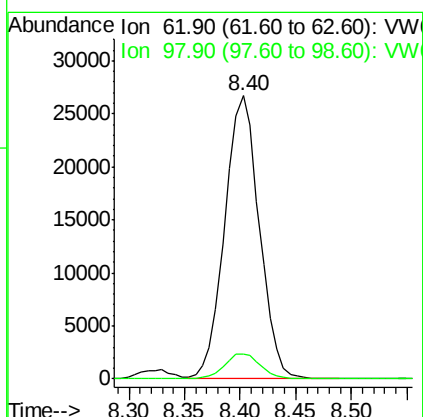
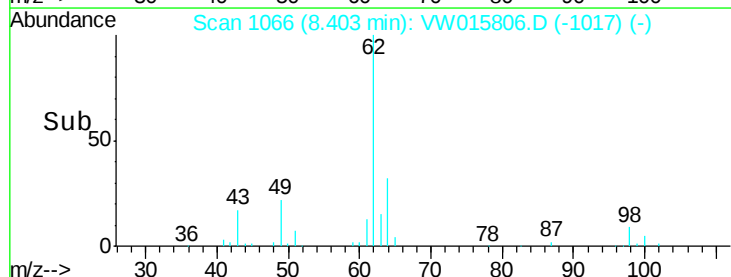
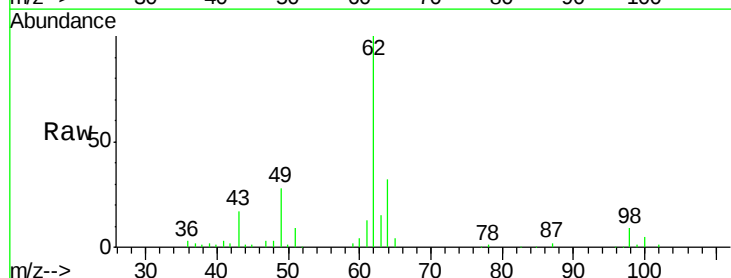
Manual Integrations
APPROVED

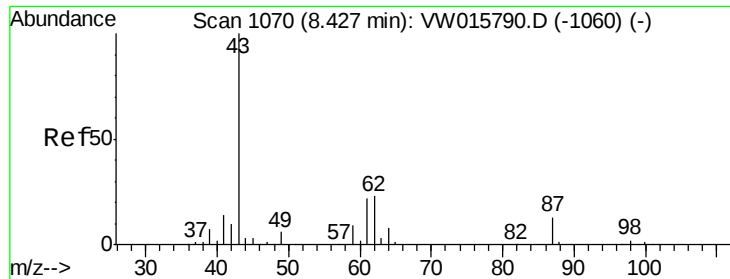
MMDadoda
7/9/2020 10:47:32 AM



#42
1,2-Dichloroethane
Concen: 21.107 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.2





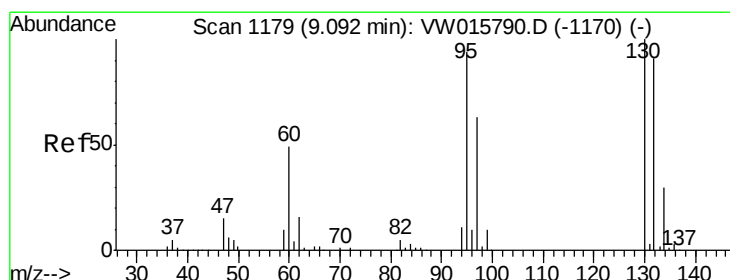
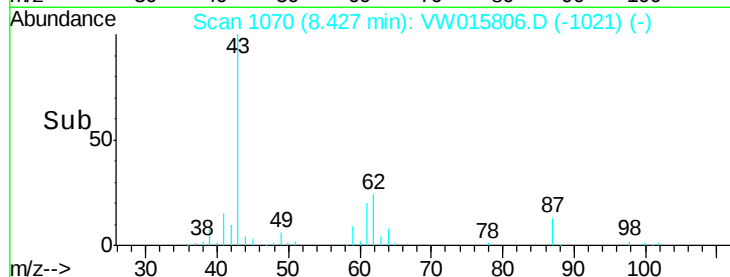
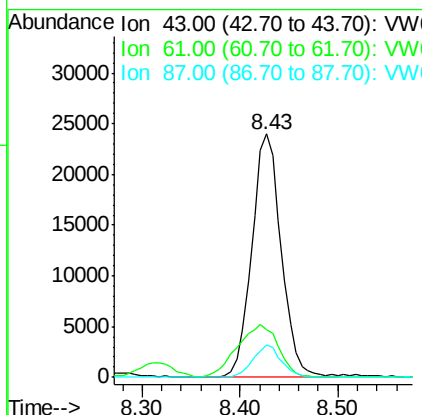
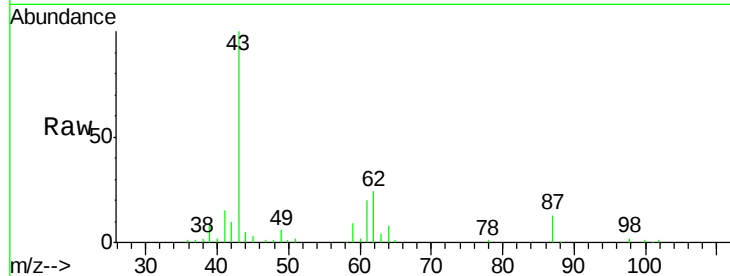
#43
Isopropyl Acetate
Concen: 20.630 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	12.9	10.4	15.6

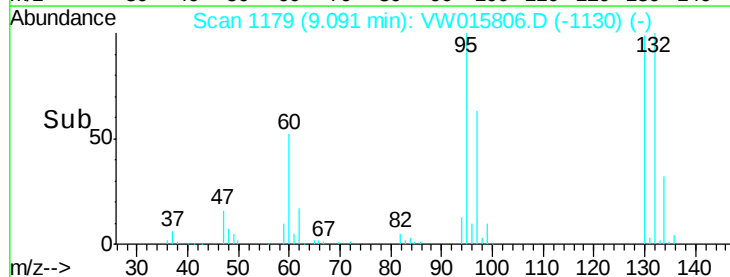
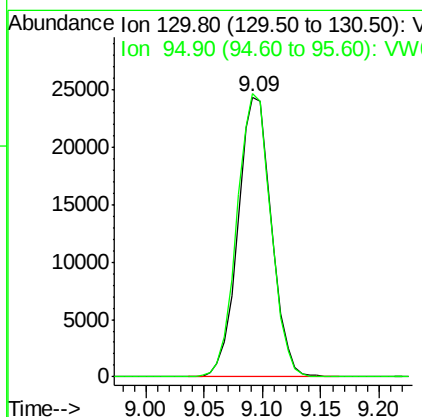
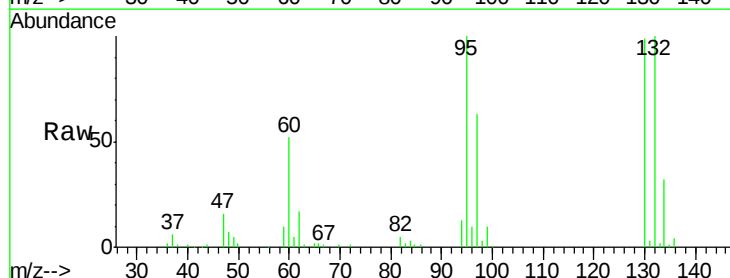
Manual Integrations
APPROVED

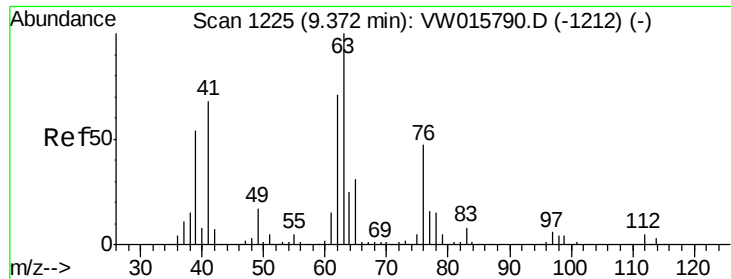
MMDadoda
7/9/2020 10:47:32 AM



#44
Trichloroethene
Concen: 21.093 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	188.6





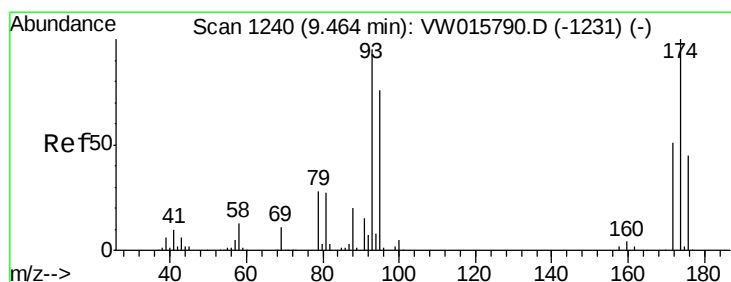
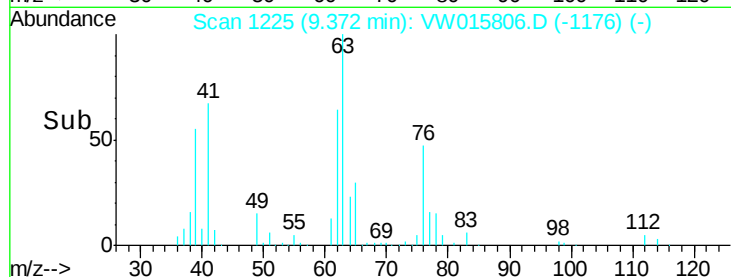
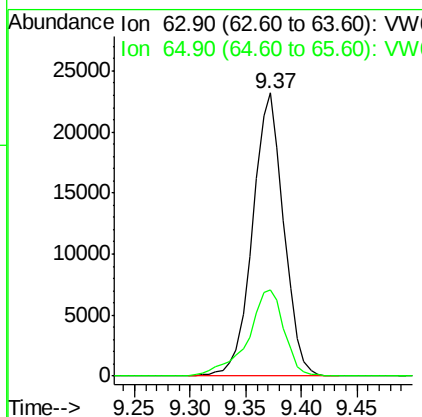
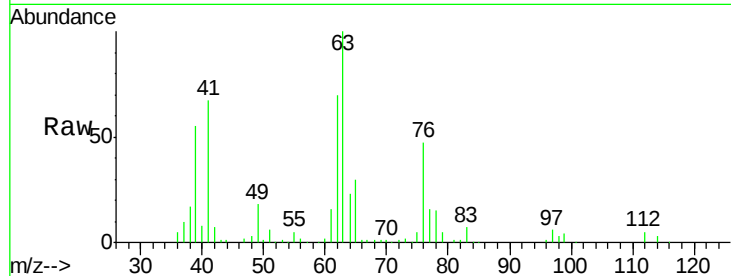
#45
 1,2-Dichloropropane
 Concen: 20.979 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.5	36.7

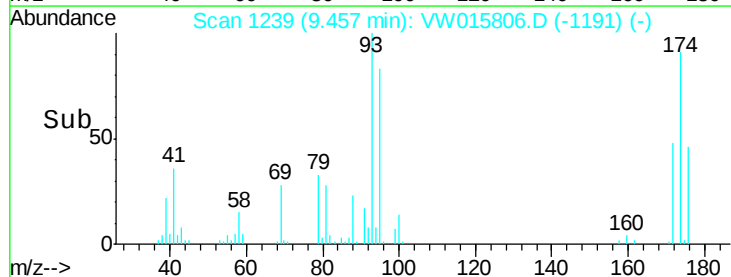
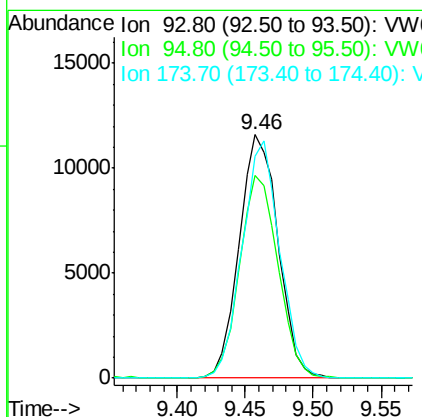
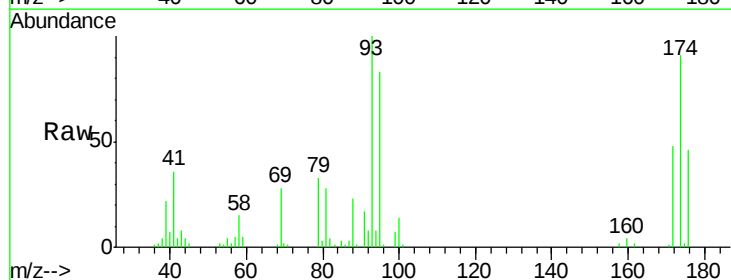
Manual Integrations
 APPROVED

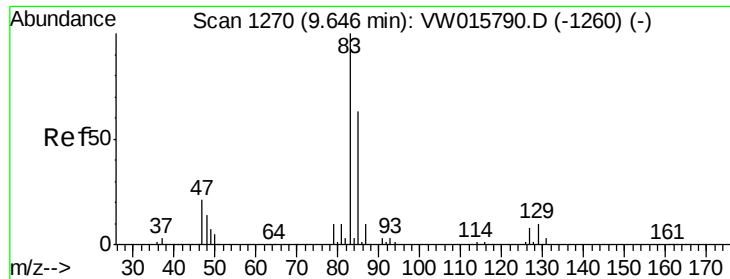
MMDadoda
 7/9/2020 10:47:32 AM



#46
 Dibromomethane
 Concen: 20.932 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.0	99.0
174	94.2	78.7	118.1





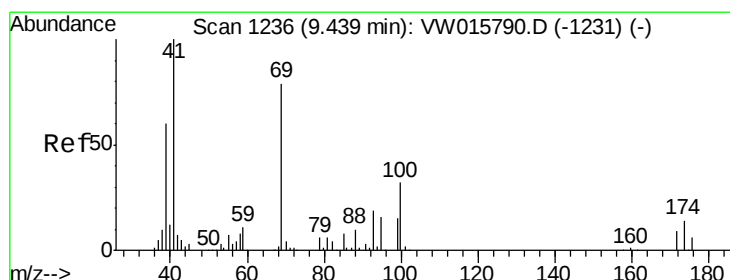
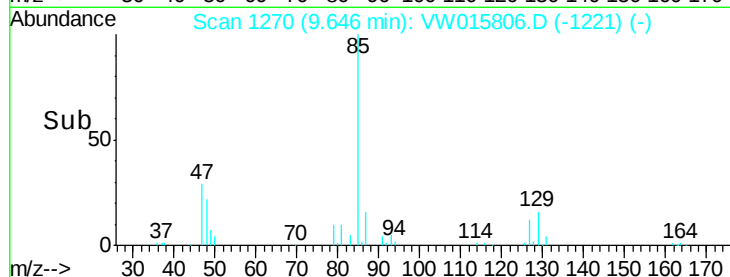
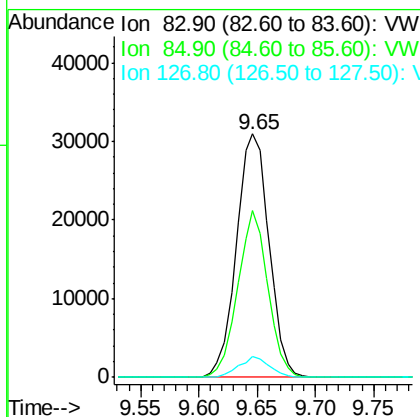
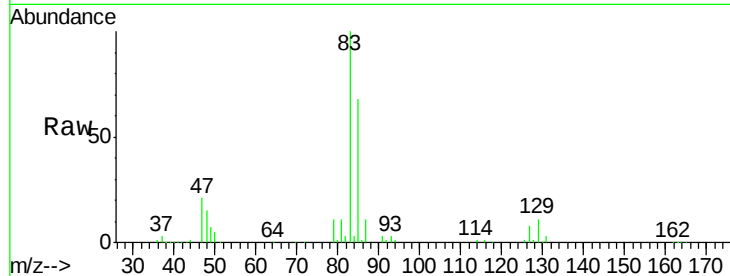
#47
Bromodichloromethane
Concen: 21.044 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	83	Resp	60321
Ion Ratio	100	Lower	Upper
83	100		
85	68.5	50.6	76.0
127	8.3	6.2	9.2

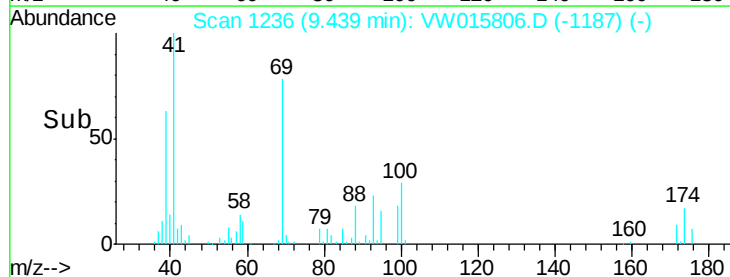
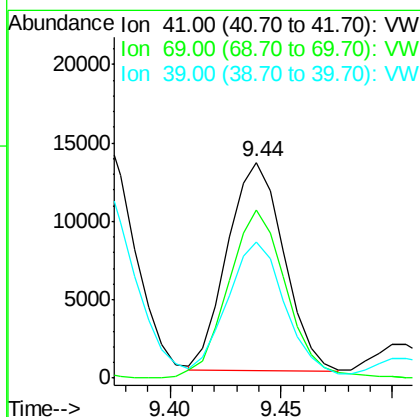
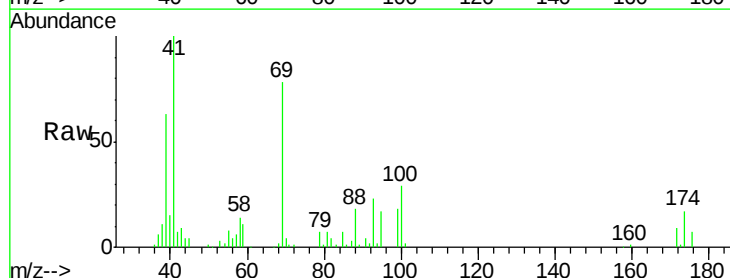
Manual Integrations
APPROVED

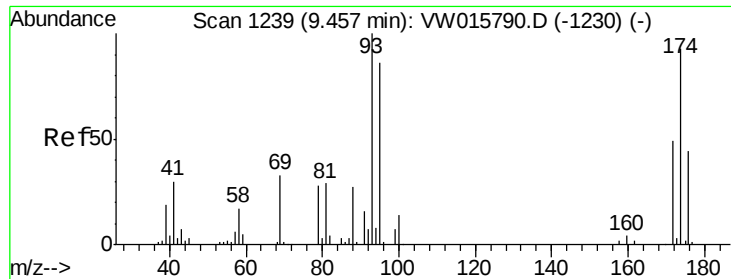
MMDadoda
7/9/2020 10:47:32 AM



#48
Methyl methacrylate
Concen: 21.026 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	41	Resp	23365
Ion Ratio	100	Lower	Upper
41	100		
69	83.6	67.1	100.7
39	63.4	49.9	74.9





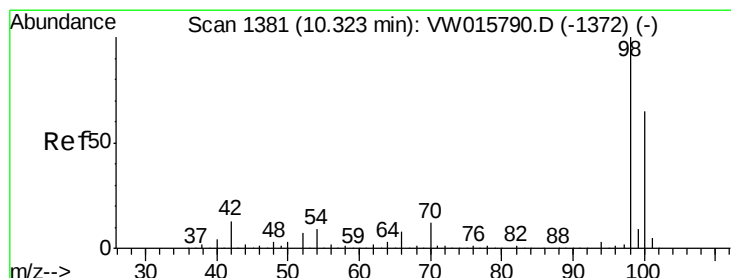
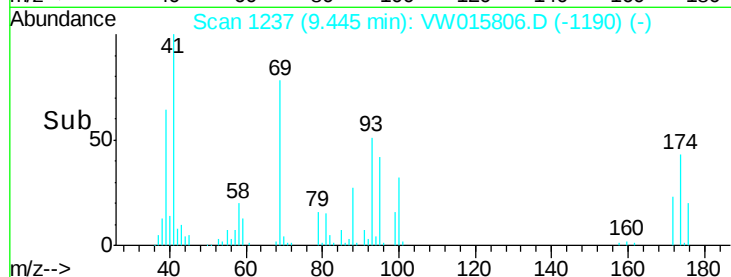
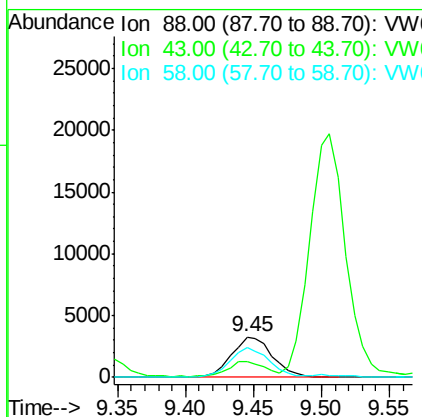
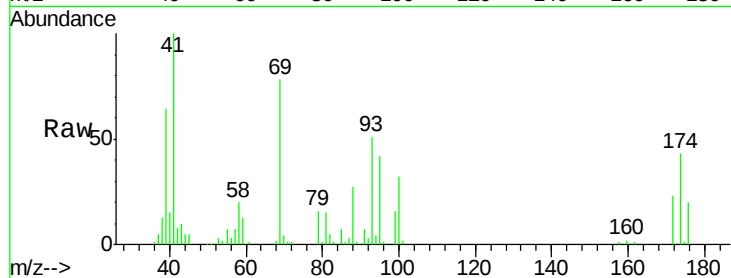
#49
1,4-Dioxane
Concen: 491.790 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	28.1	42.1
58	72.6	59.3	88.9

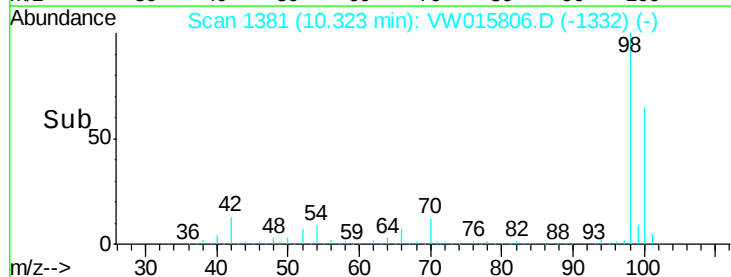
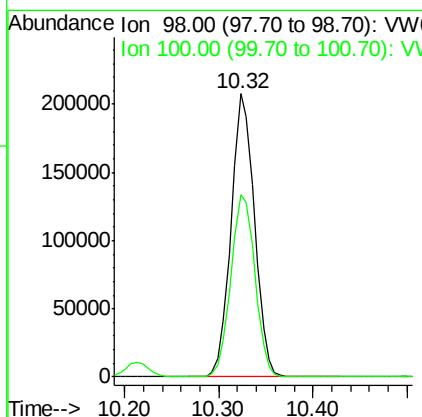
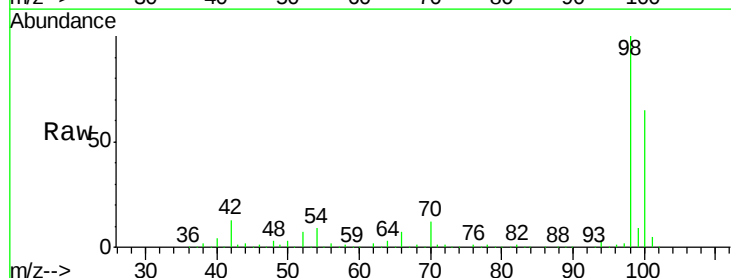
Manual Integrations
APPROVED

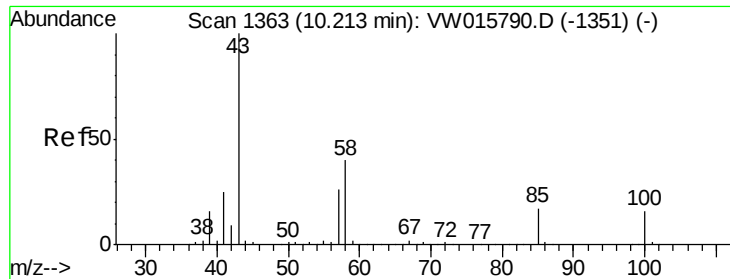
MMDadoda
7/9/2020 10:47:32 AM



#50
Toluene-d8
Concen: 49.269 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 105.716 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 43 Resp: 125084

Ion Ratio Lower Upper

43 100

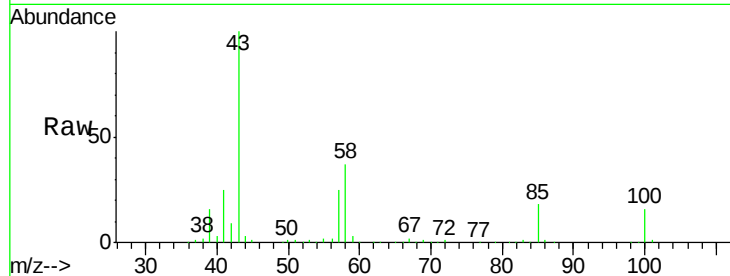
58 38.1 30.9 46.3

Manual Integrations

APPROVED

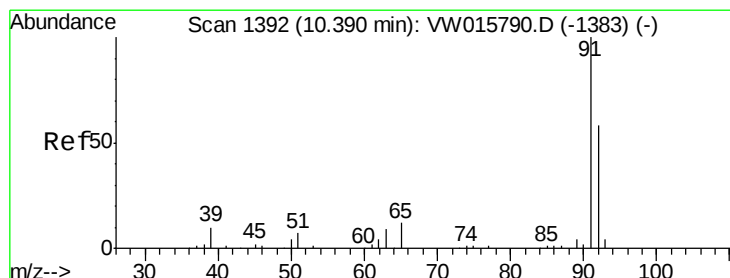
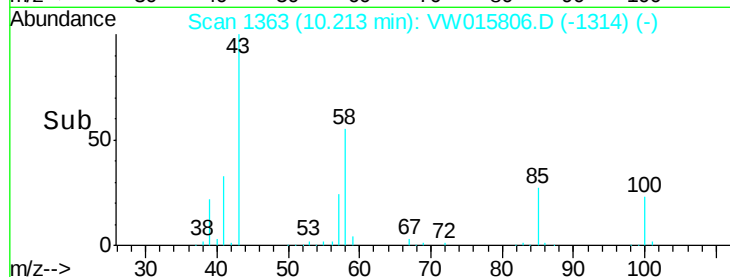
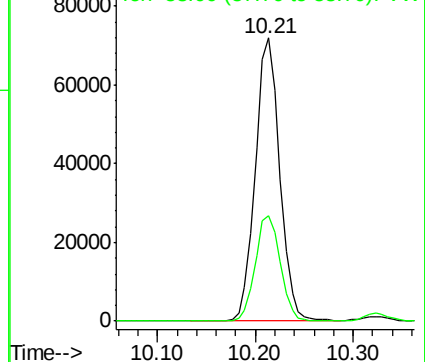
MMDadoda

7/9/2020 10:47:32 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.543 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015806.D

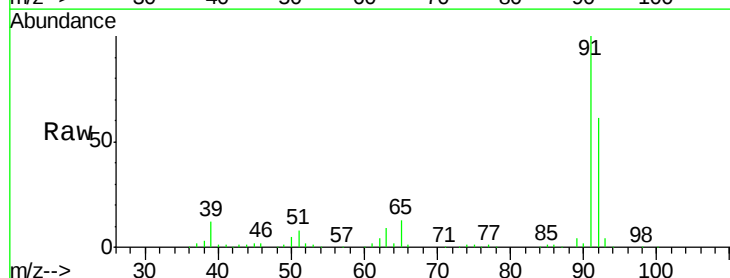
Acq: 08 Jul 2020 13:39

Tgt Ion: 92 Resp: 121403

Ion Ratio Lower Upper

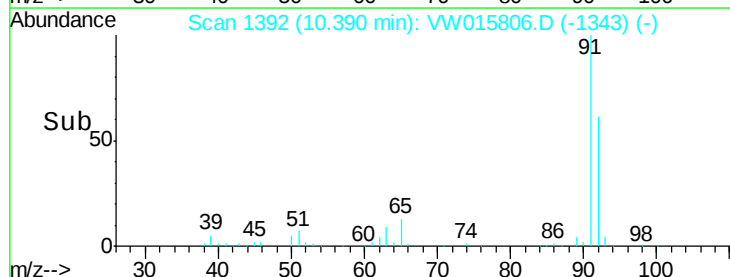
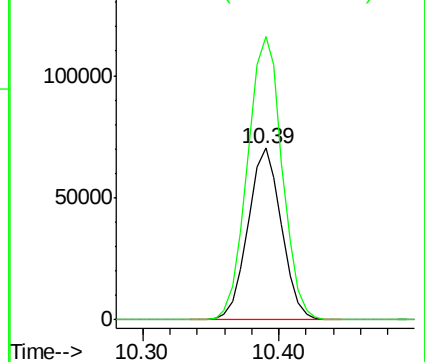
92 100

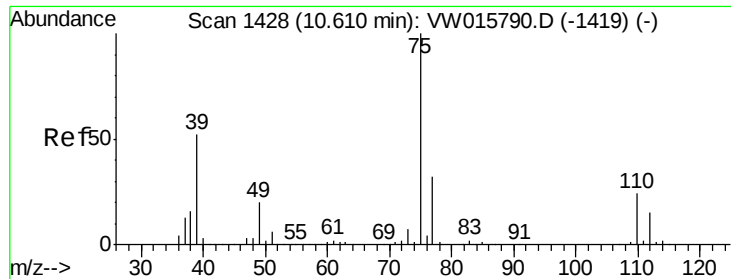
91 170.7 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





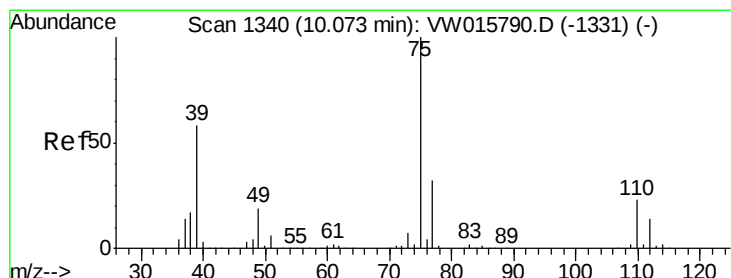
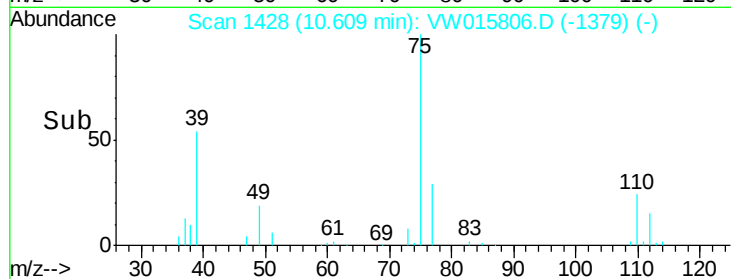
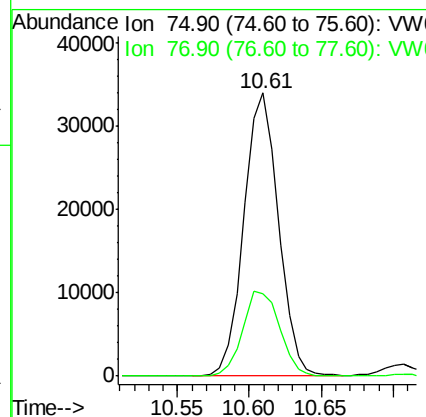
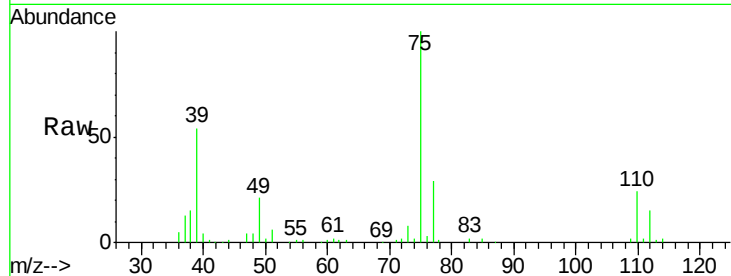
#53
t-1,3-Dichloropropene
Concen: 20.635 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 75 Resp: 56752
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.0

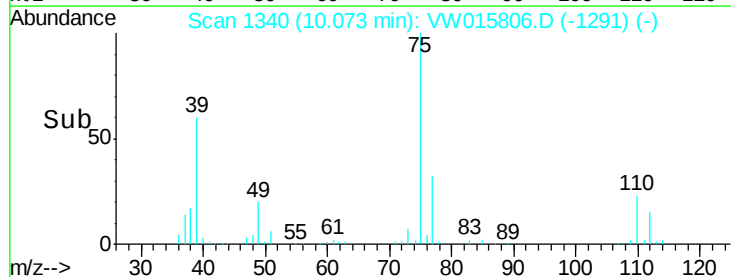
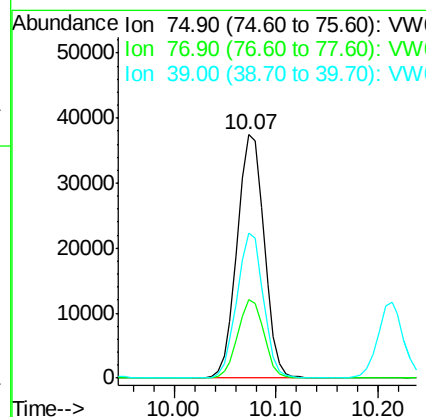
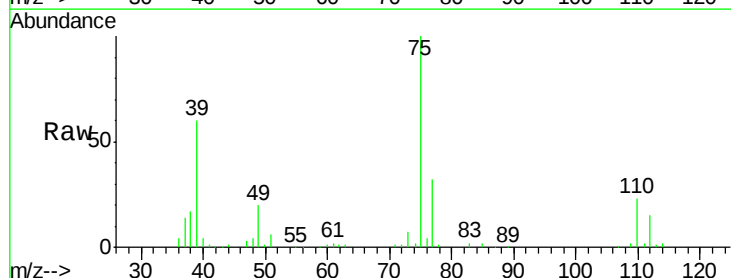
Manual Integrations
APPROVED

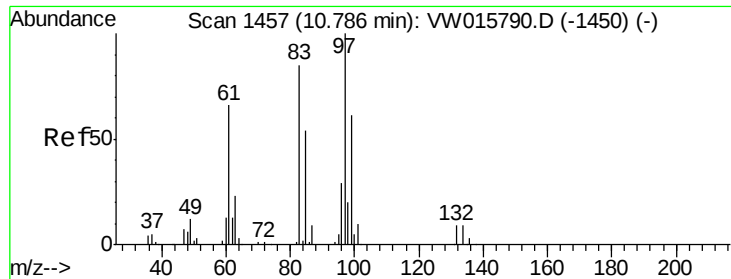
MMDadoda
7/9/2020 10:47:32 AM



#54
cis-1,3-Dichloropropene
Concen: 20.868 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 75 Resp: 68653
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 59.6 46.0 69.0





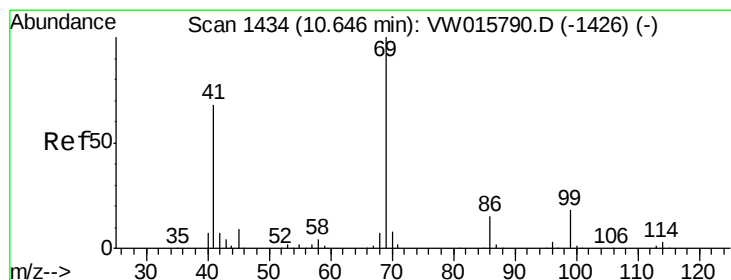
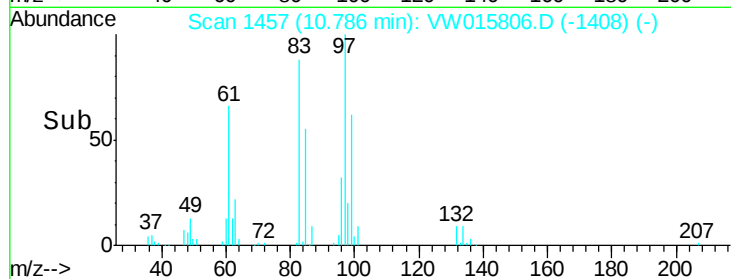
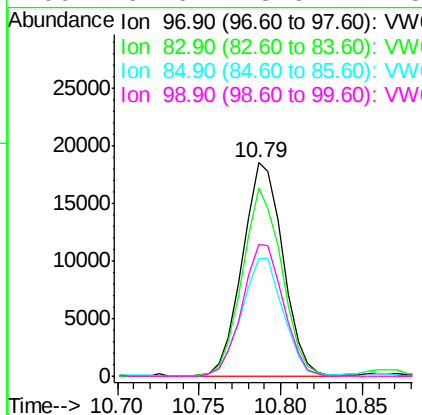
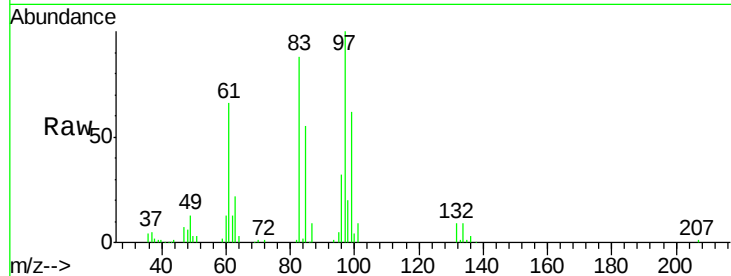
#55
 1,1,2-Trichloroethane
 Concen: 20.970 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion:	97	Resp:	32224
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.2	102.4
85	55.3	43.4	65.0
99	61.6	48.6	72.8

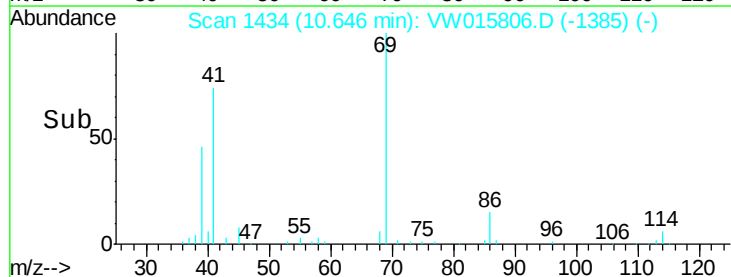
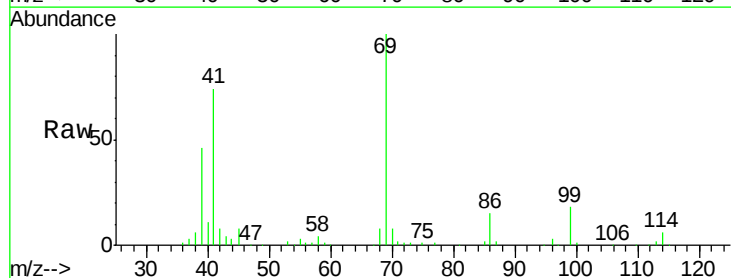
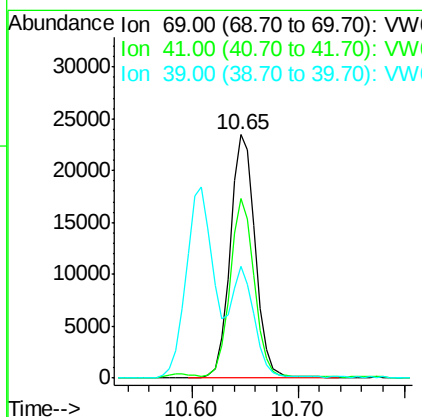
Manual Integrations
 APPROVED

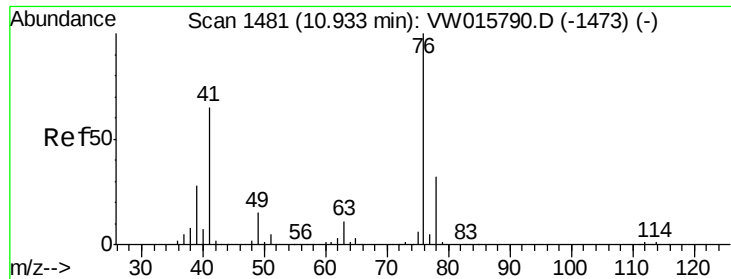
MMDadoda
 7/9/2020 10:47:32 AM



#56
 Ethyl methacrylate
 Concen: 20.519 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion:	69	Resp:	38765
Ion	Ratio	Lower	Upper
69	100		
41	71.2	55.0	82.6
39	42.7	33.8	50.8





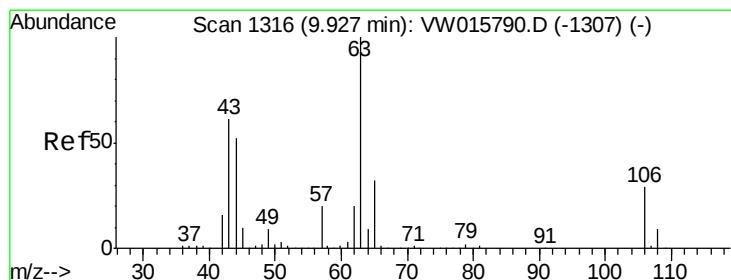
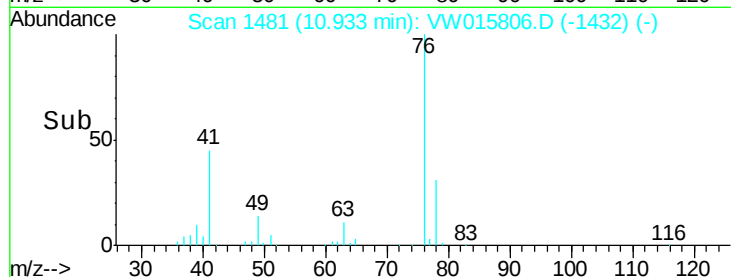
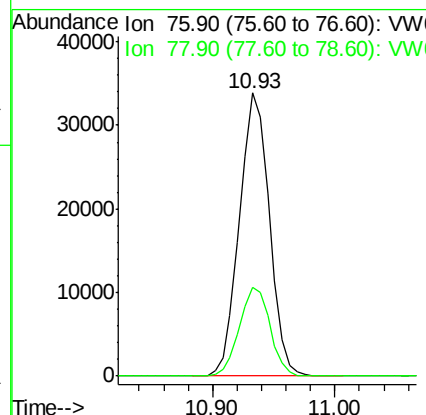
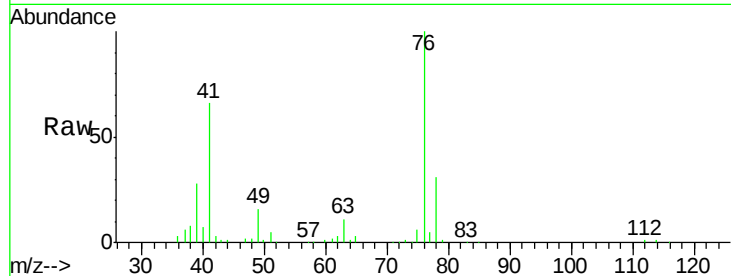
#57
 1,3-Dichloropropane
 Concen: 21.101 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 76 Resp: 57401
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

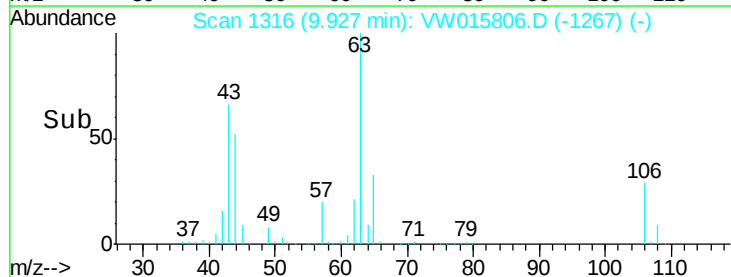
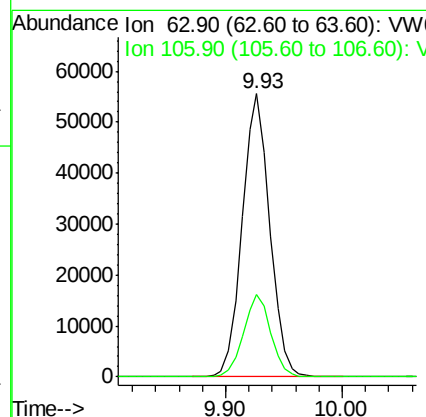
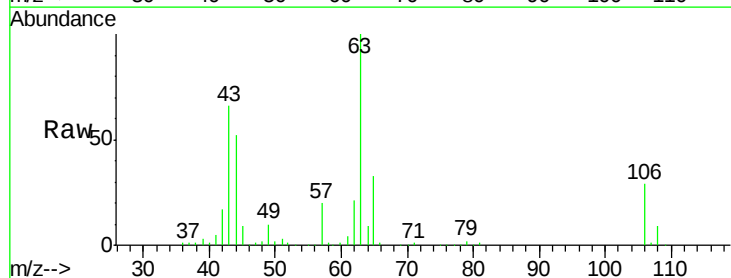
Manual Integrations
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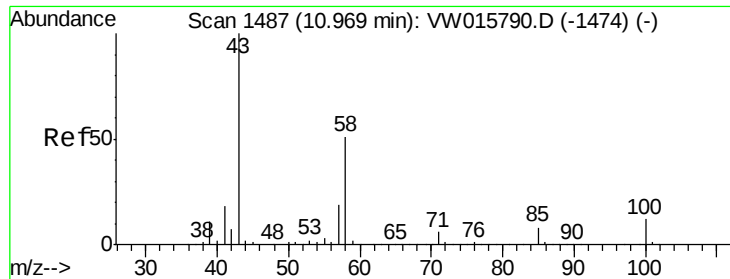
MMDadoda
 7/9/2020 10:47:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.243 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion: 63 Resp: 91612
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.1 34.7





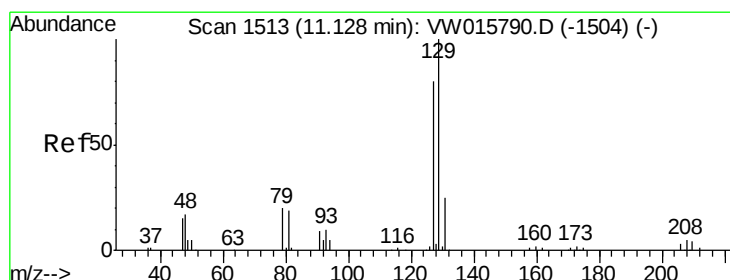
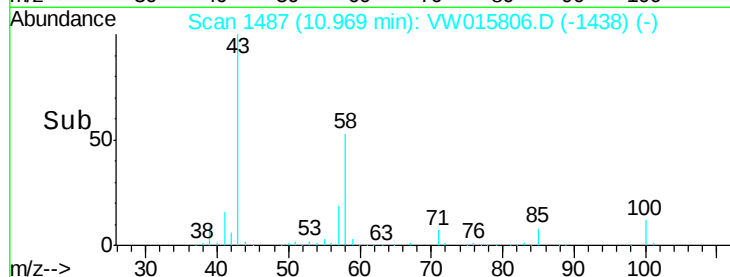
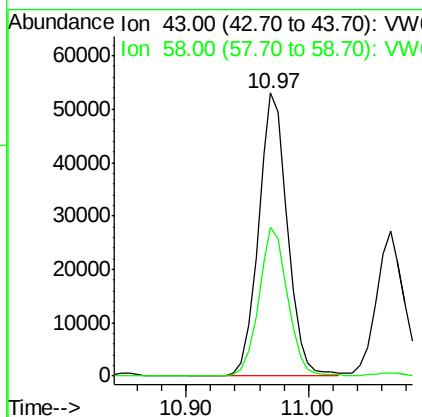
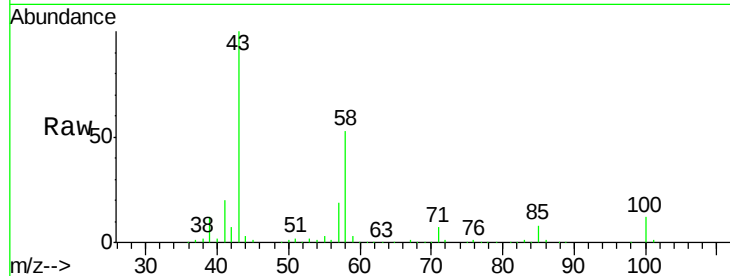
#59
2-Hexanone
Concen: 110.485 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 43 Resp: 87241
Ion Ratio Lower Upper
43 100
58 52.3 26.2 78.5

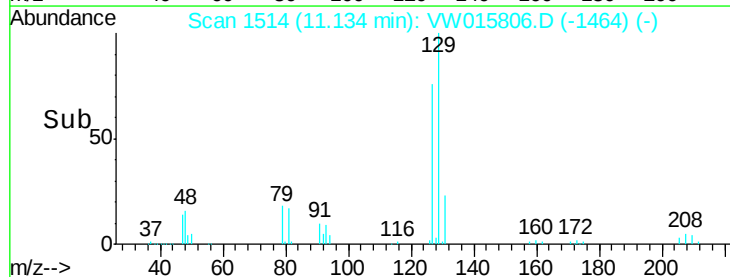
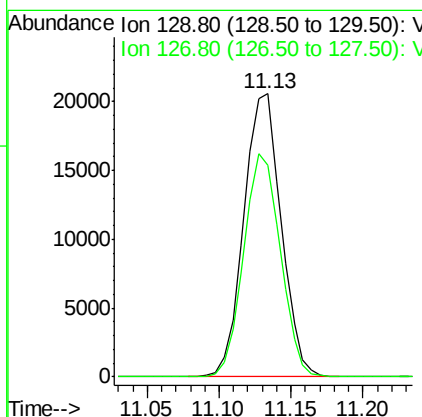
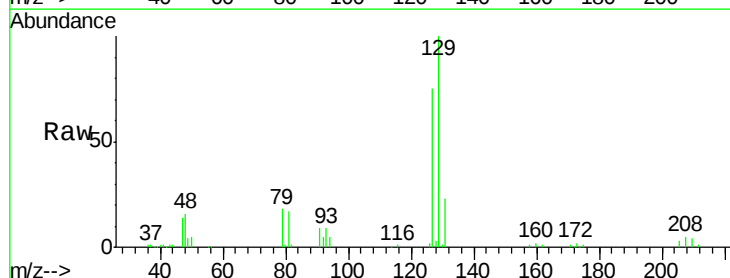
Manual Integrations
APPROVED

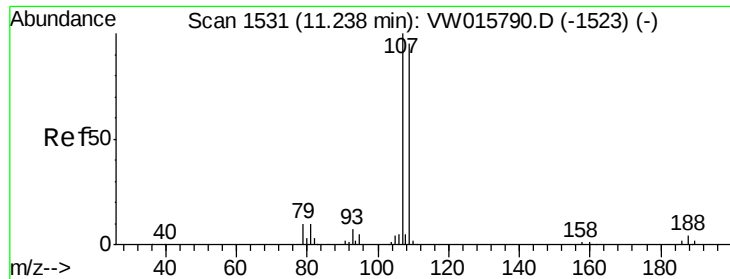
MMDadoda
7/9/2020 10:47:32 AM



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:129 Resp: 36919
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 20.541 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 107 Resp: 30202

Ion Ratio Lower Upper

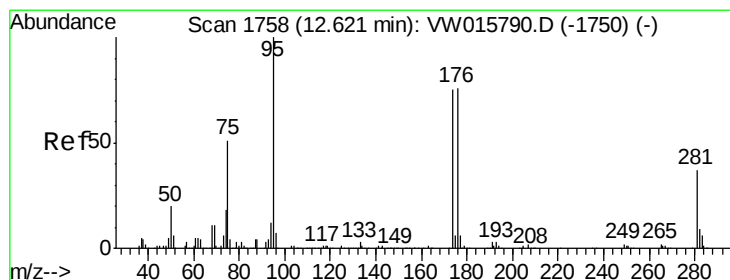
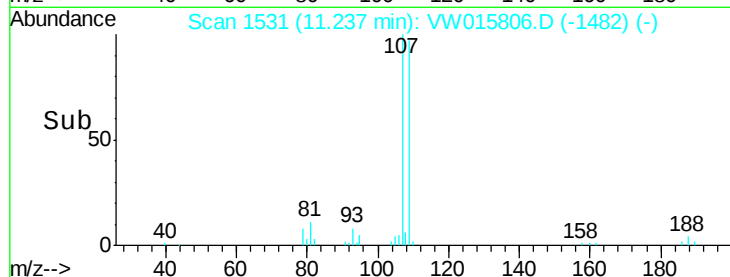
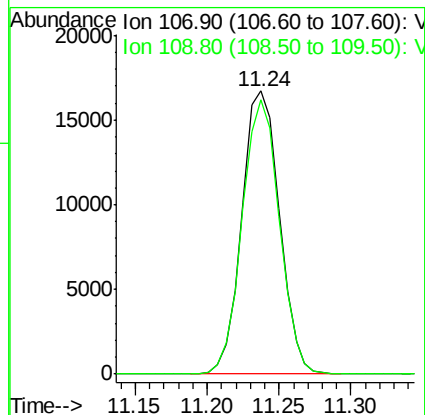
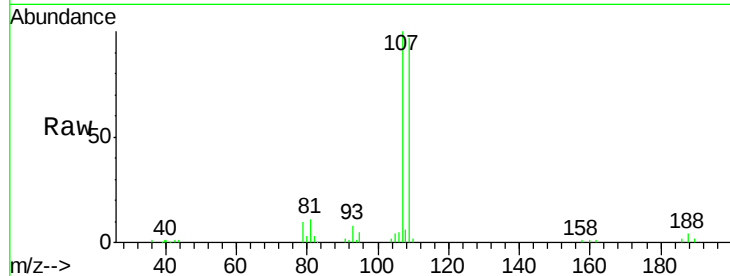
107 100

109 96.0 77.0 115.6

Manual Integrations
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MMDadoda

7/9/2020 10:47:32 AM



#62

4-Bromofluorobenzene

Concen: 51.313 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

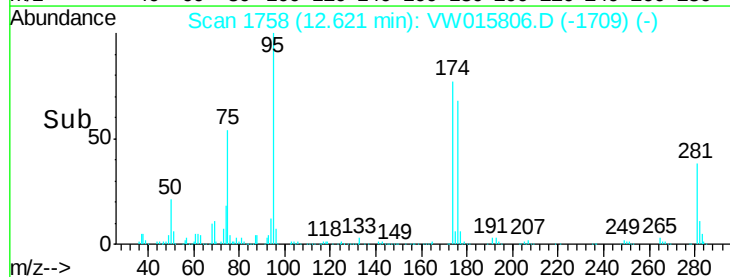
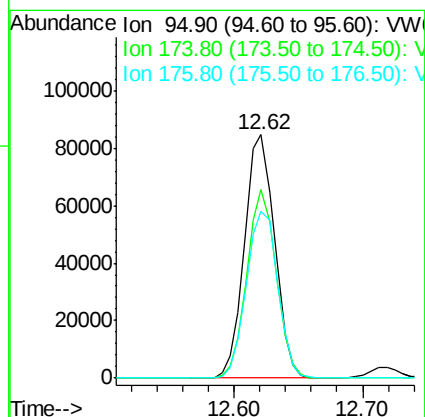
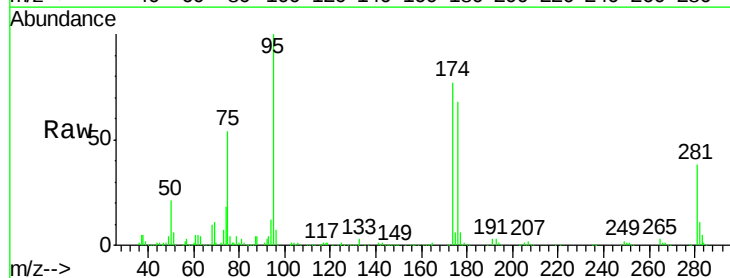
Tgt Ion: 95 Resp: 136847

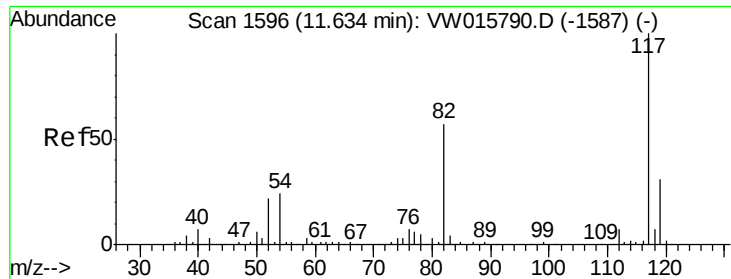
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

176 71.1 0.0 148.4





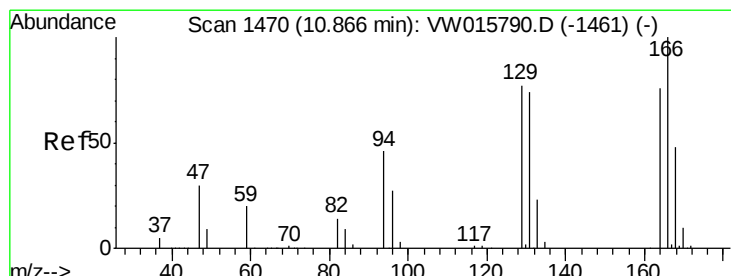
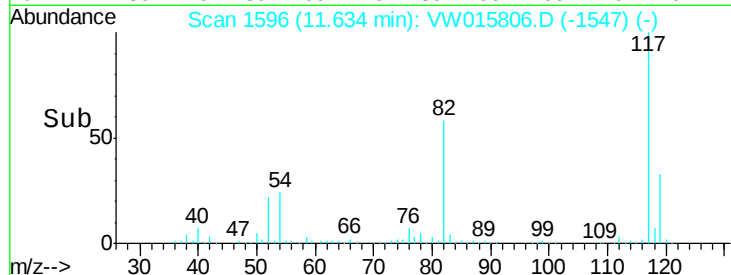
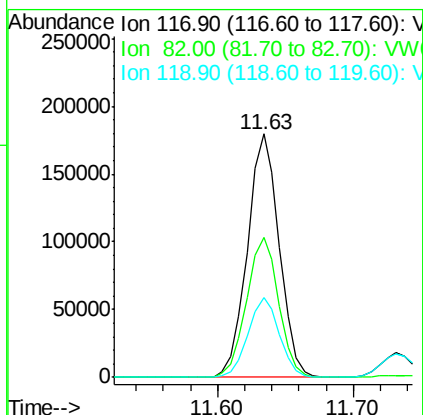
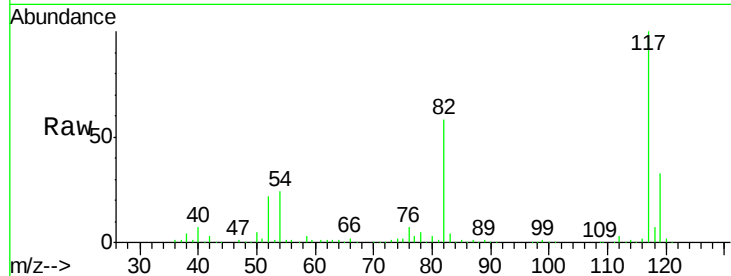
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.5	68.3
119	33.0	25.0	37.6

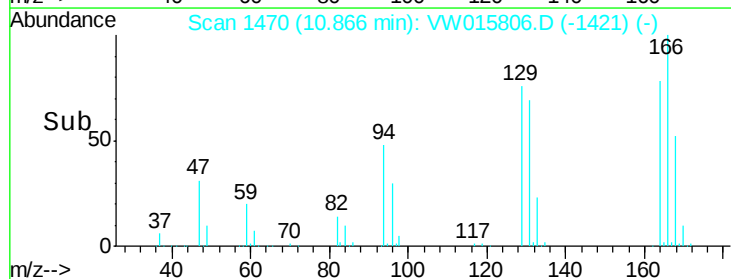
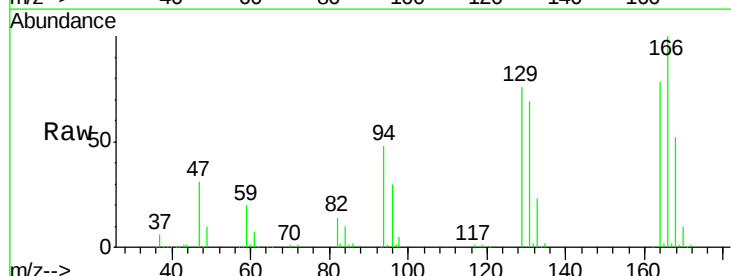
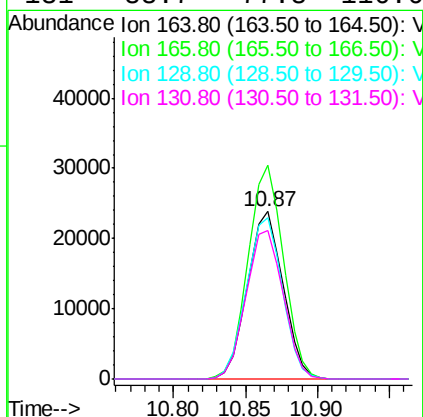
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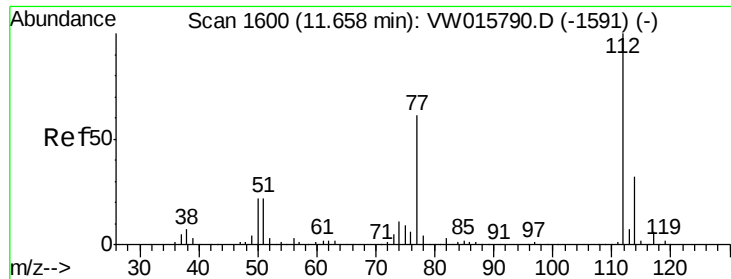
MMDadoda
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#64
Tetrachloroethene
Concen: 21.901 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	105.1	157.7
129	96.6	80.6	121.0
131	88.7	77.8	116.6





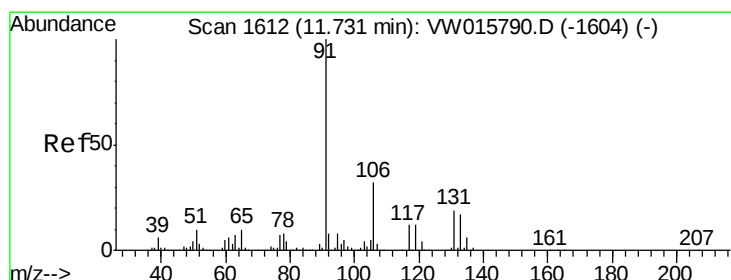
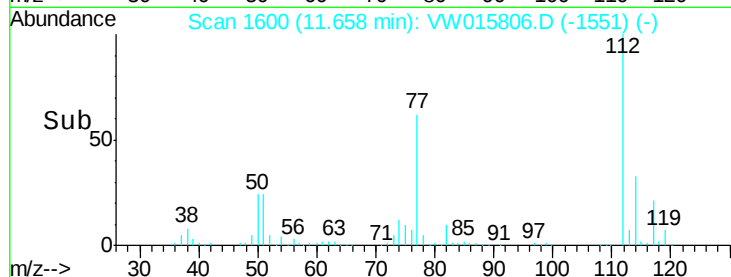
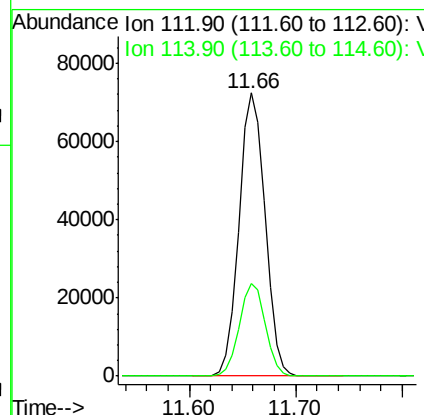
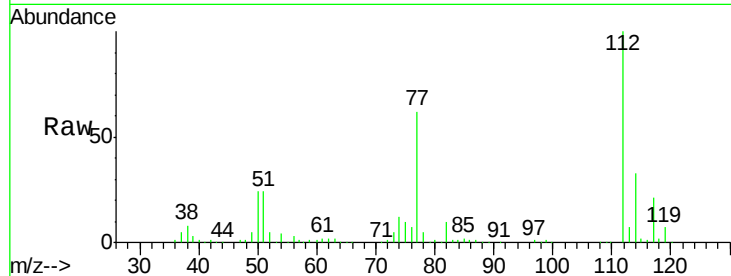
#65
Chlorobenzene
Concen: 21.689 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion:112 Resp: 124440
Ion Ratio Lower Upper
112 100
114 32.9 25.9 38.9

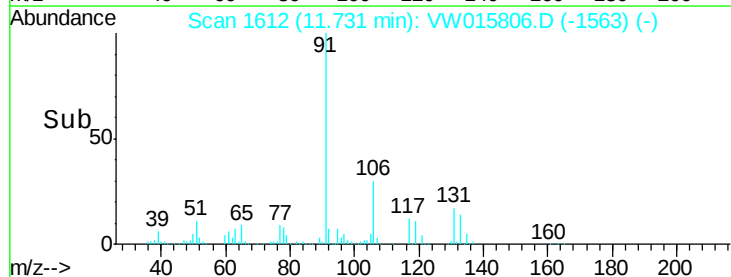
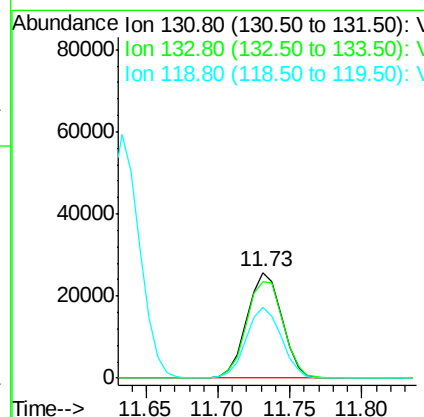
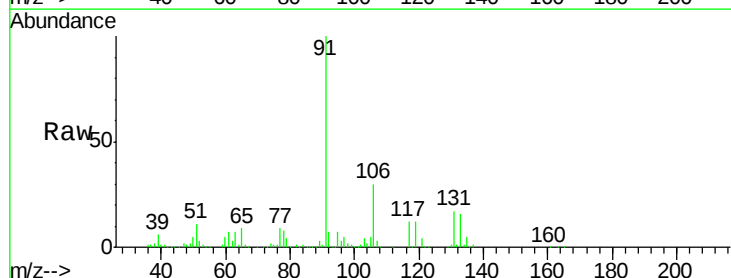
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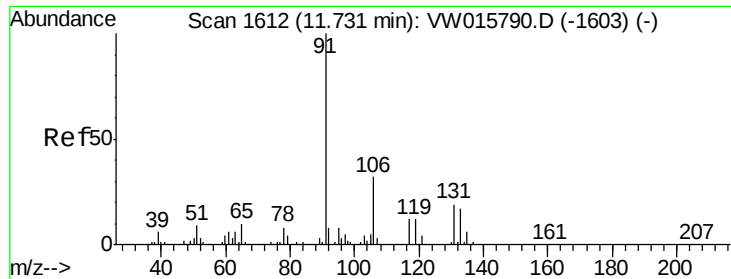
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.340 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:131 Resp: 43328
Ion Ratio Lower Upper
131 100
133 96.2 47.0 141.2
119 66.9 32.3 96.8





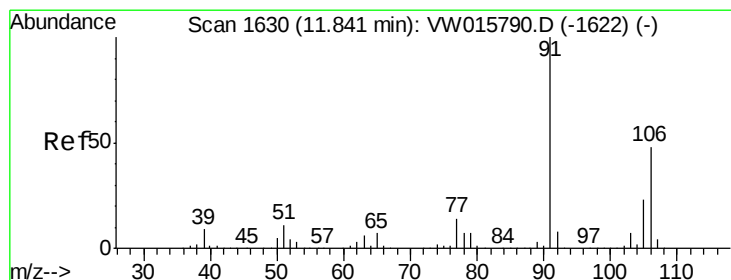
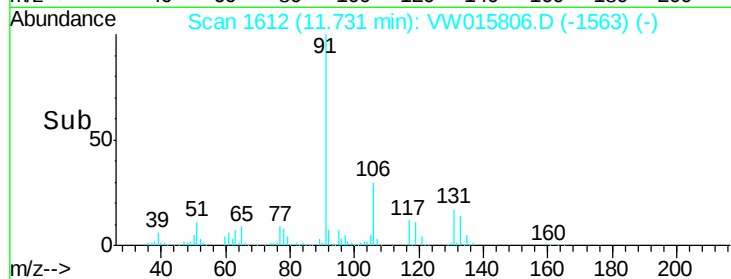
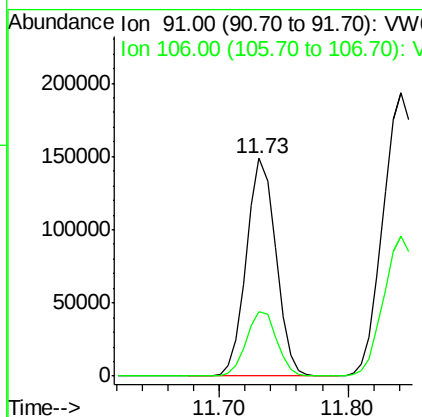
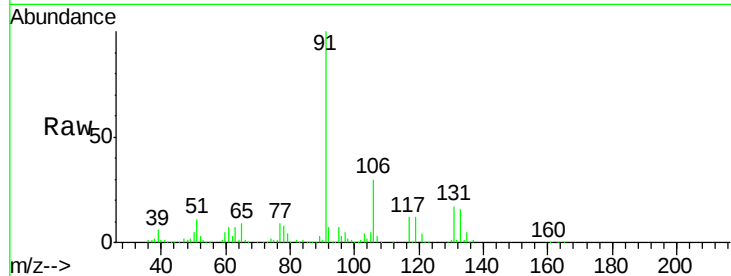
#67
Ethyl Benzene
Concen: 22.128 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 91 Resp: 235109
Ion Ratio Lower Upper
91 100
106 29.7 25.8 38.8

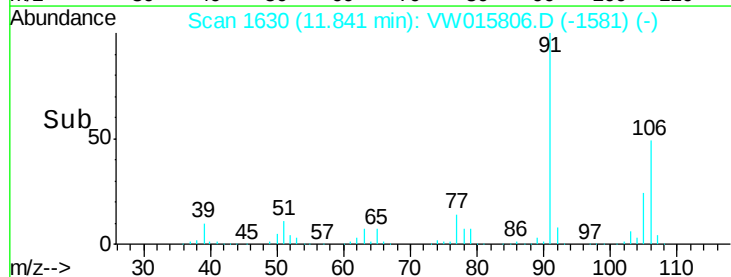
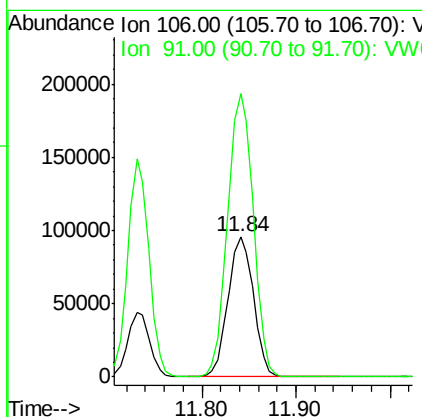
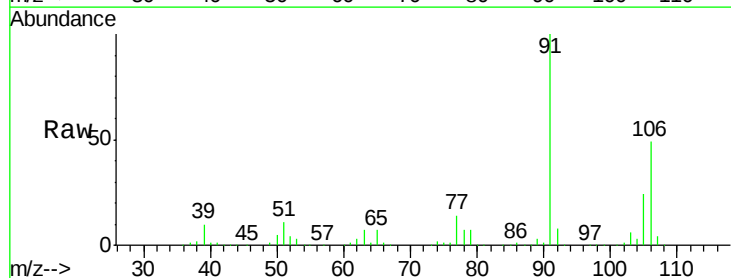
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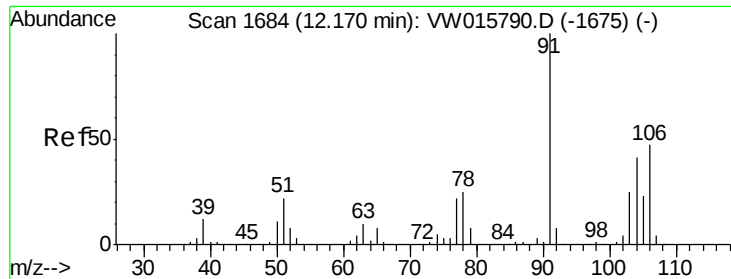
MMDadoda
7/9/2020 10:47:32 AM



#68
m/p-Xylenes
Concen: 44.843 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion: 106 Resp: 178980
Ion Ratio Lower Upper
106 100
91 204.6 164.1 246.1





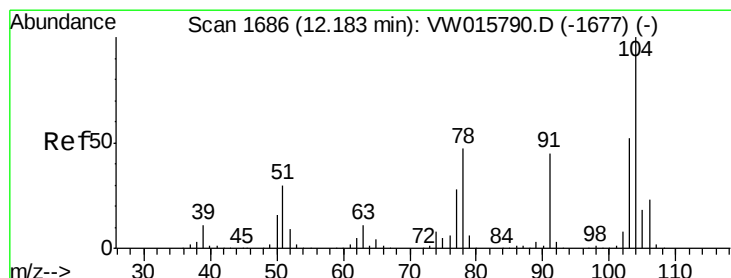
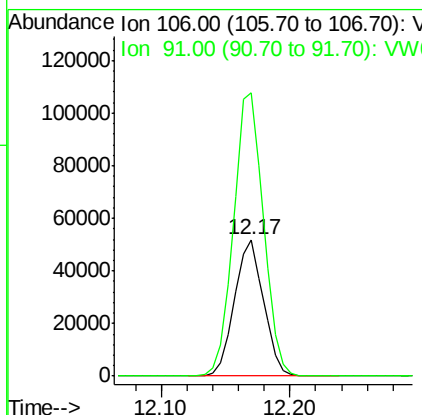
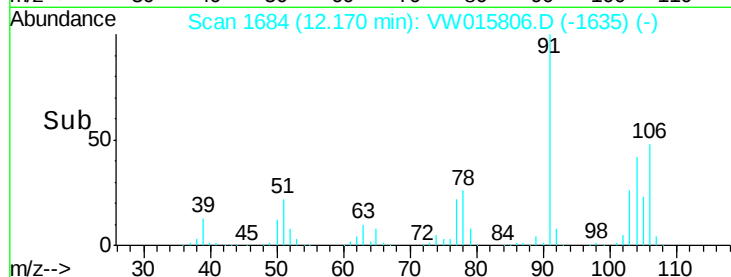
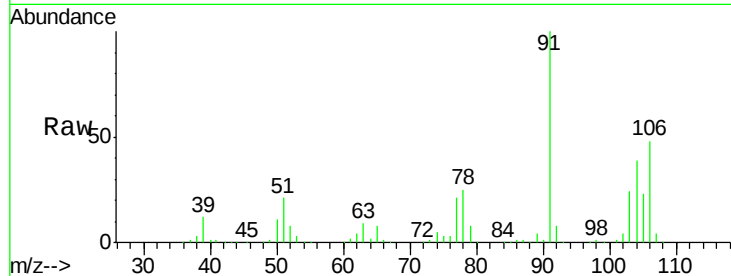
#69
o-Xylene
Concen: 22.251 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion:106 Resp: 81066
Ion Ratio Lower Upper
106 100
91 214.5 108.5 325.3

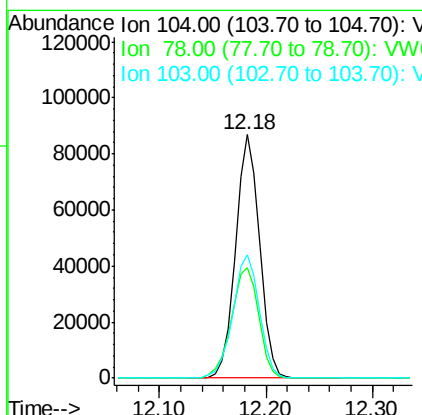
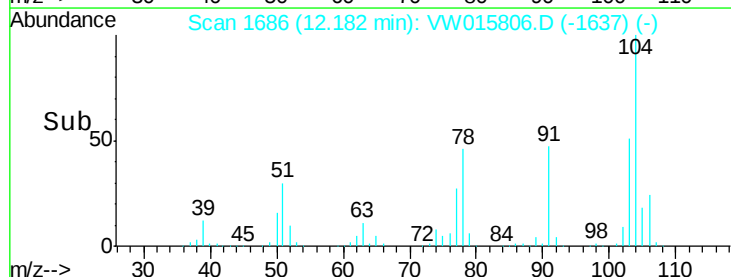
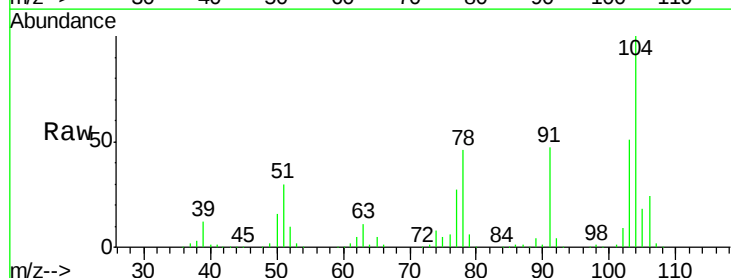
Manual Integrations
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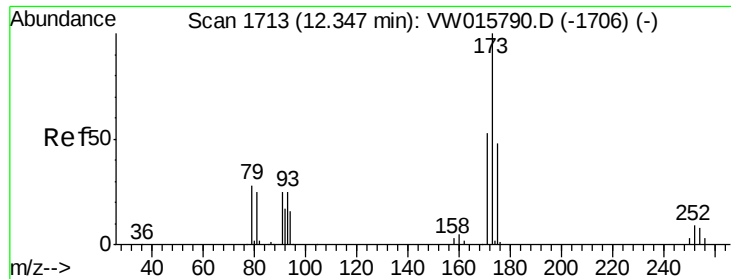
MMDadoda
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#70
Styrene
Concen: 21.986 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion:104 Resp: 137824
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.5 43.8 65.8





#71

Bromoform

Concen: 20.875 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion:173 Resp: 19346

Ion Ratio Lower Upper

173 100

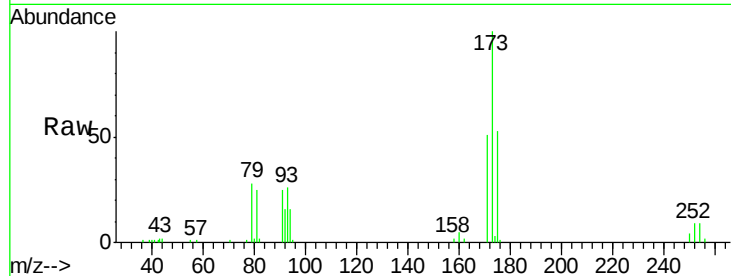
175 49.5 23.5 70.5

254 0.0 0.0 0.0

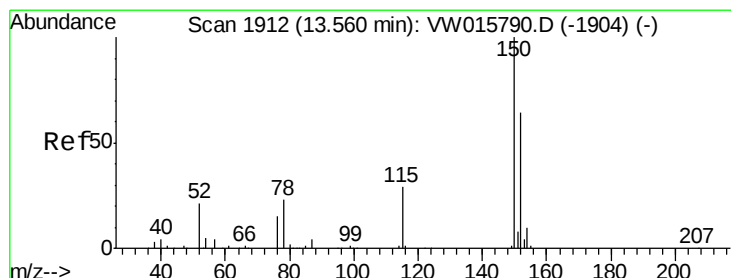
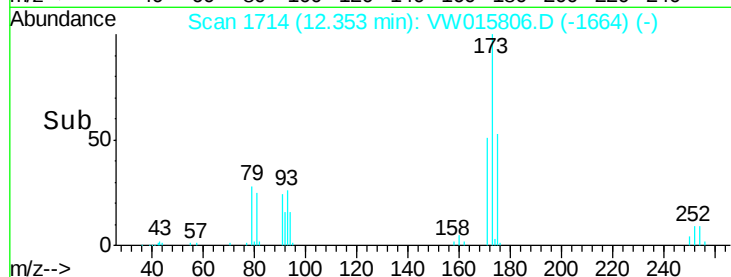
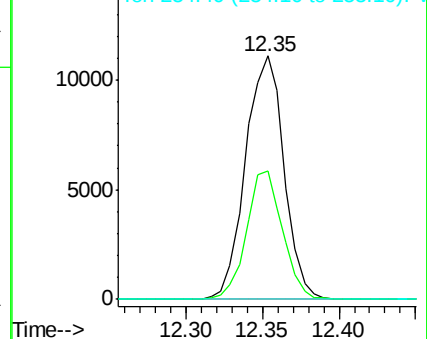
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

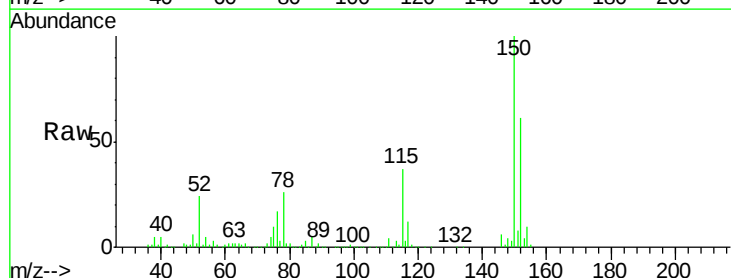
Tgt Ion:152 Resp: 151639

Ion Ratio Lower Upper

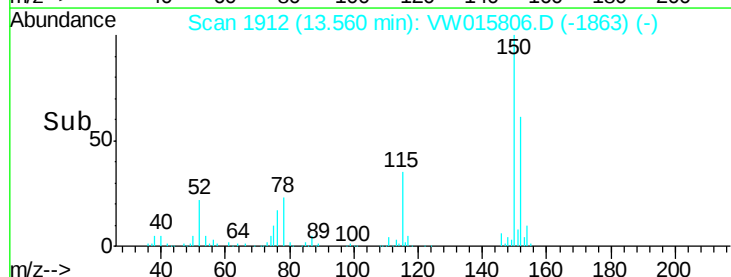
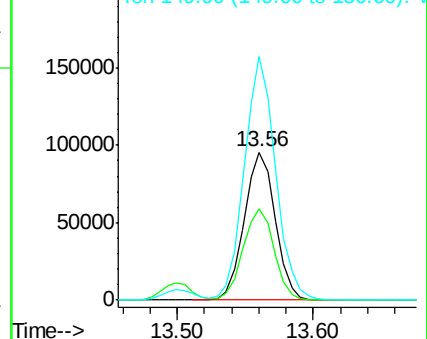
152 100

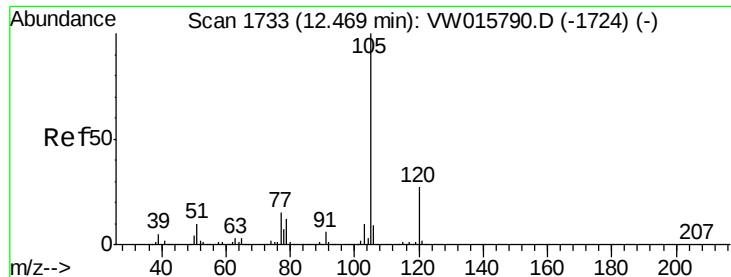
115 61.8 29.9 89.7

150 165.9 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.463 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 105 Resp: 229289

Ion Ratio Lower Upper

105 100

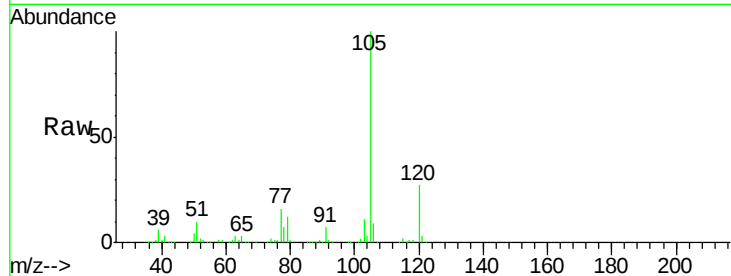
120 26.3 13.2 39.6

Manual Integrations

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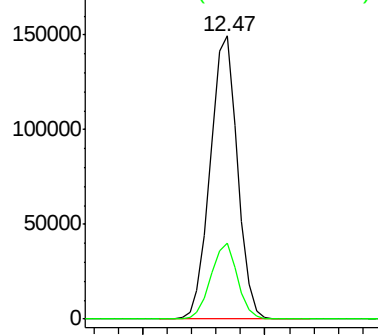
MMDadoda

7/9/2020 10:47:32 AM

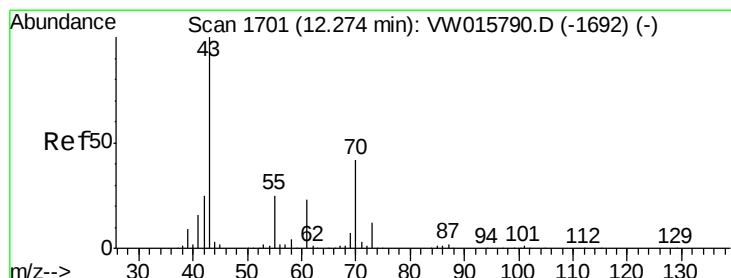
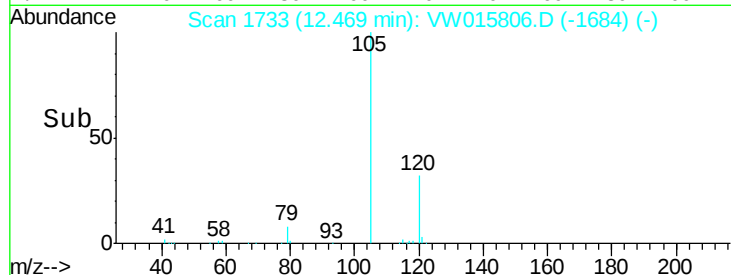


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.935 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion: 43 Resp: 47848

Ion Ratio Lower Upper

43 100

70 42.8 34.1 51.1

55 25.9 20.0 30.0

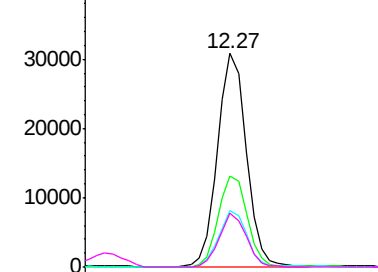
61 23.4 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VW

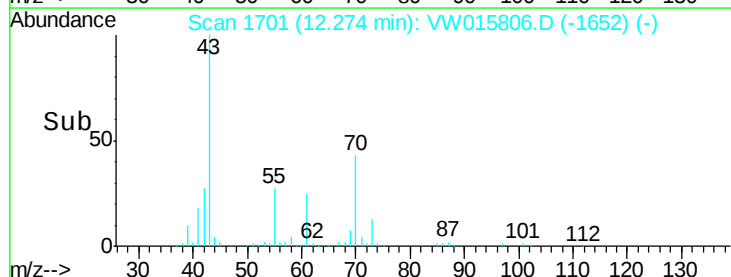
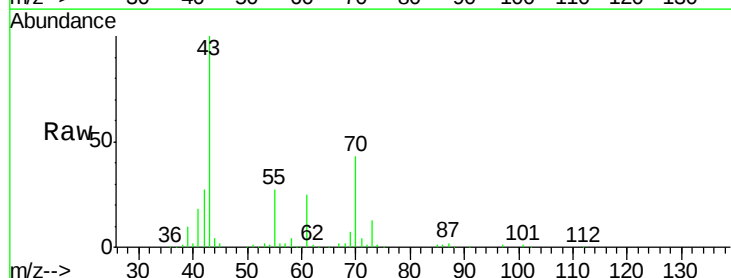
Ion 70.00 (69.70 to 70.70): VW

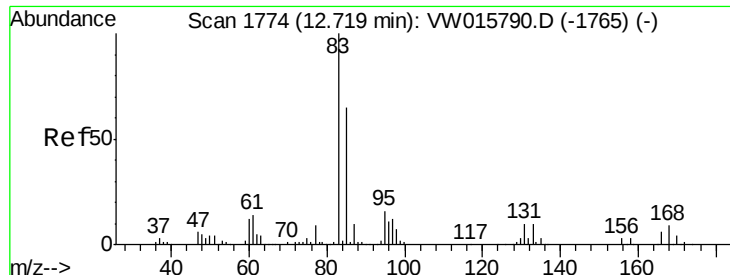
Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



Time-->





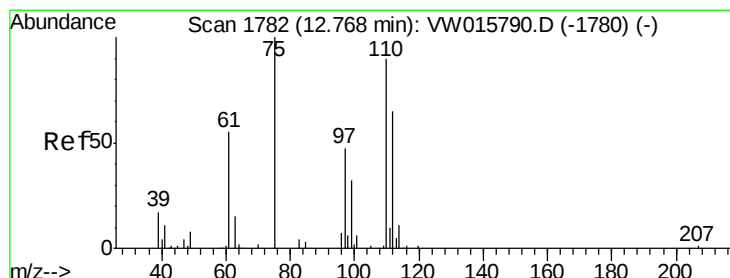
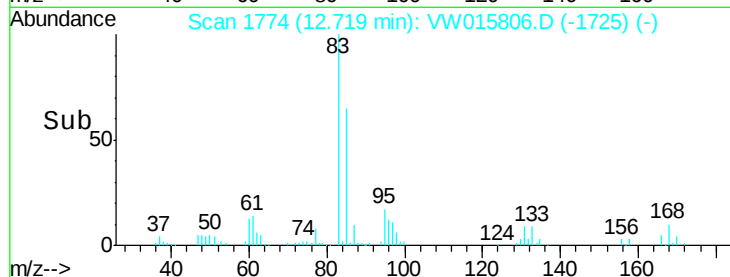
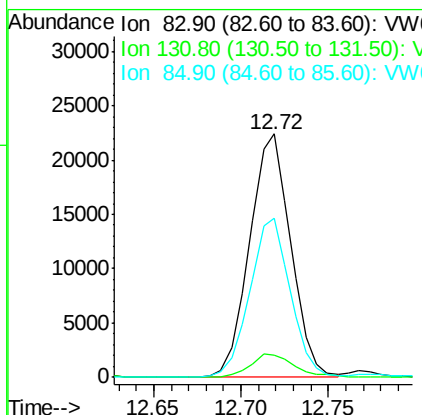
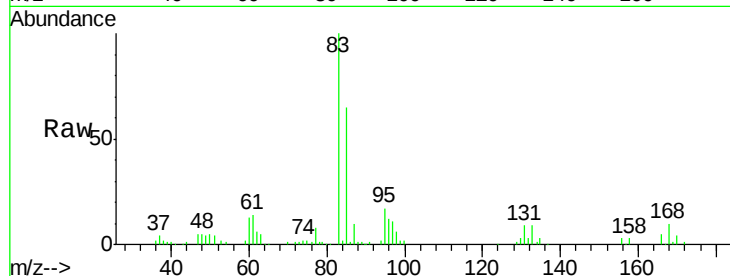
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.652 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	36659		
131	10.2	5.3	16.1	
85	64.3	31.9	95.9	

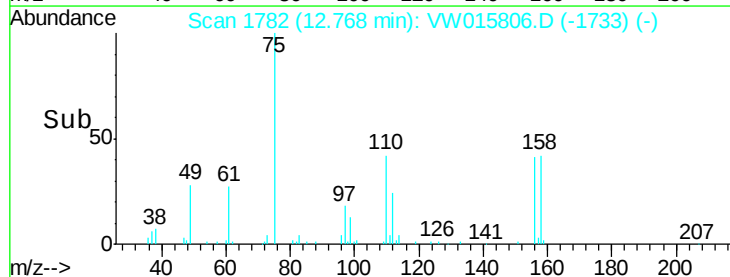
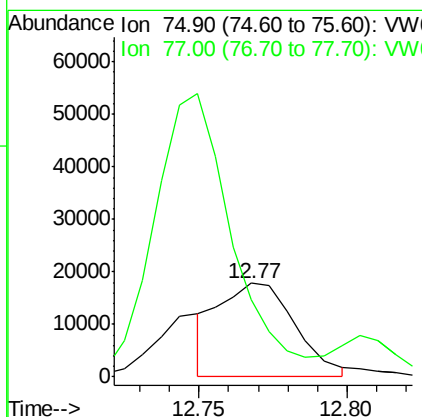
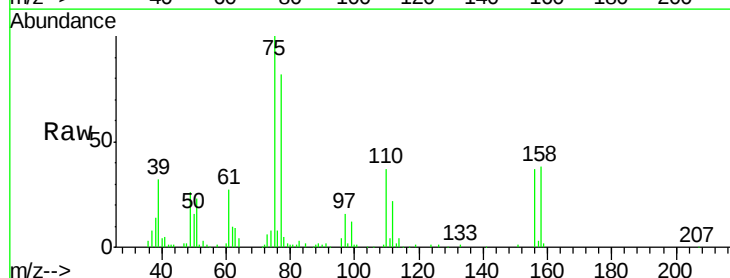
Manual Integrations
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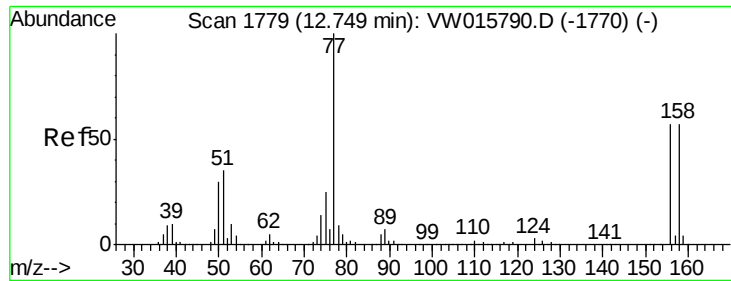
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 24.114 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32137		
77	307.1	177.3	532.0	





#77

Bromobenzene

Concen: 21.047 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

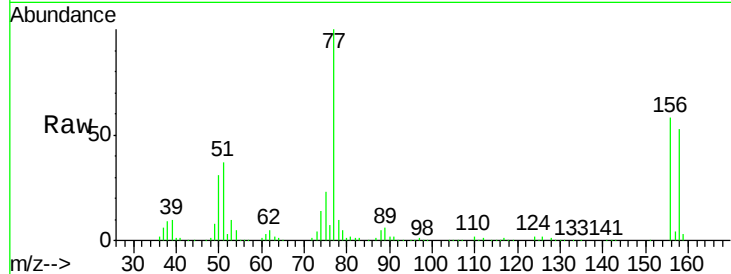
ClientSampled :

VW0708SBS01

Tot Ion:	156	Resp:	50416
Ion Ratio	Lower	Upper	
156	100		
77	195.8	98.8	296.4
158	97.0	50.0	149.8

Manual Integrations
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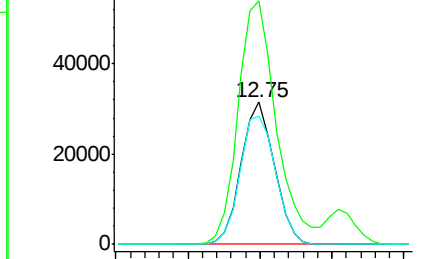
MMDadoda
7/9/2020 10:47:32 AM



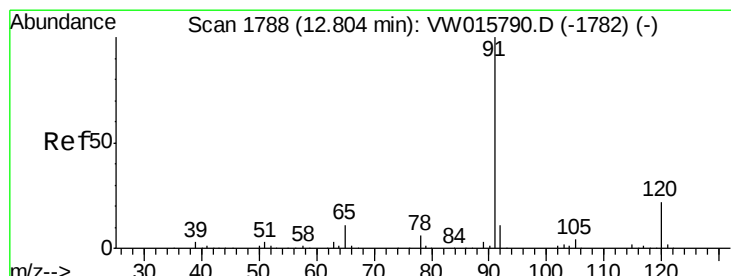
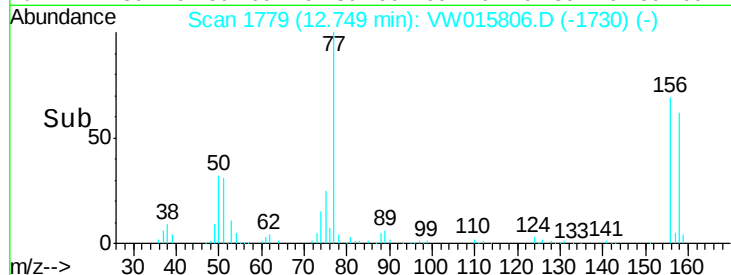
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



Time--> 12.65 12.70 12.75 12.80



#78

n-propylbenzene

Concen: 21.786 ug/l

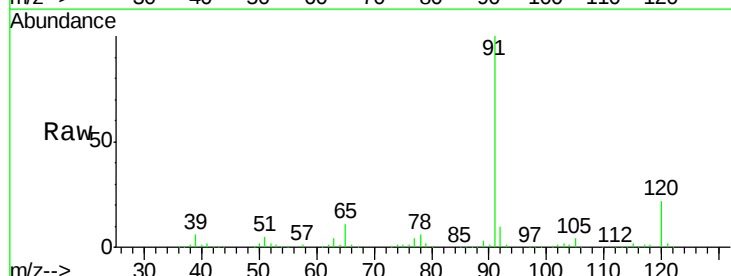
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015806.D

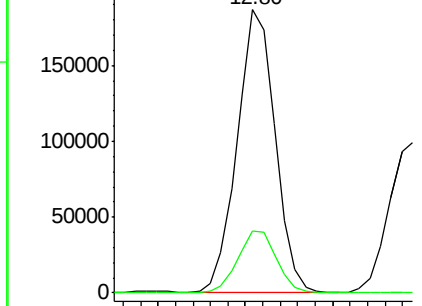
Acq: 08 Jul 2020 13:39

Tgt Ion:	91	Resp:	282490
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.6

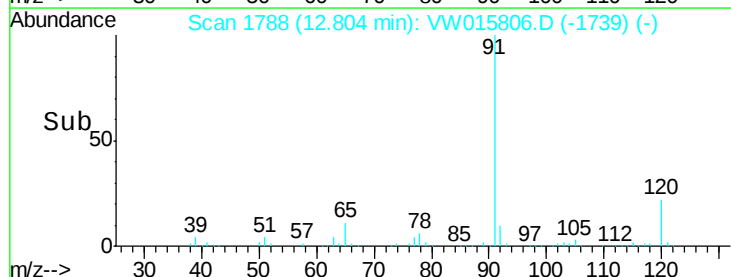


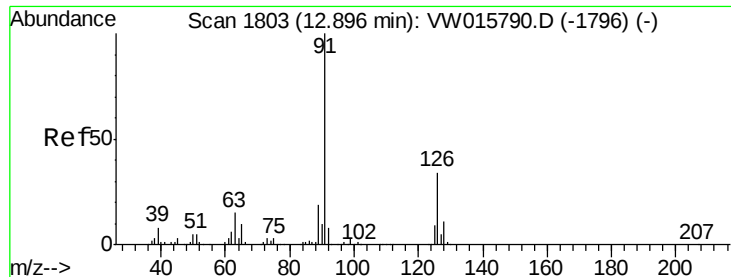
Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



Time--> 12.75 12.80 12.85





#79

2-Chlorotoluene

Concen: 21.544 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 91 Resp: 159307

Ion Ratio Lower Upper

91 100

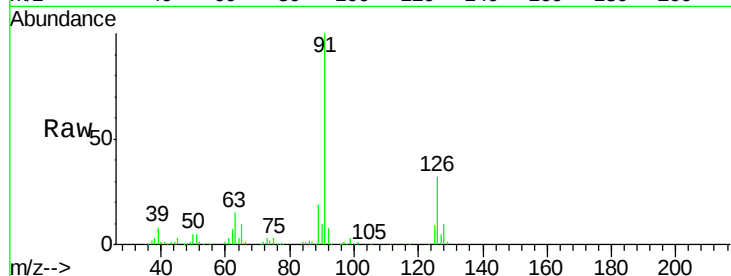
126 32.4 16.5 49.5

Manual Integrations

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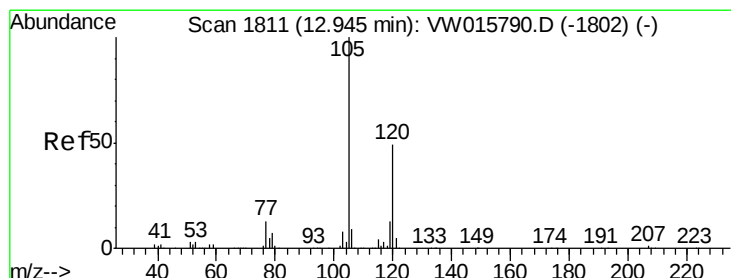
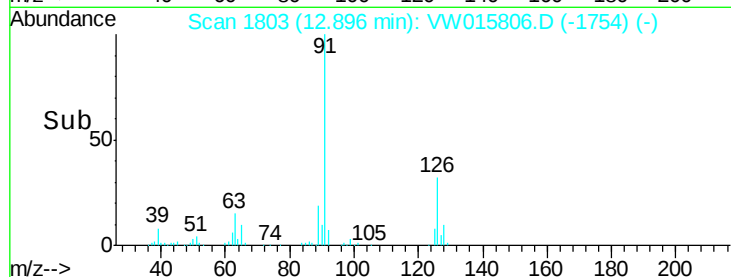
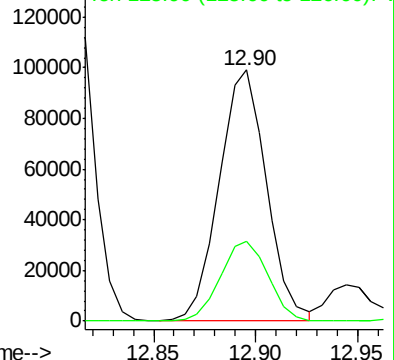
MMDadoda

7/9/2020 10:47:32 AM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.002 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015806.D

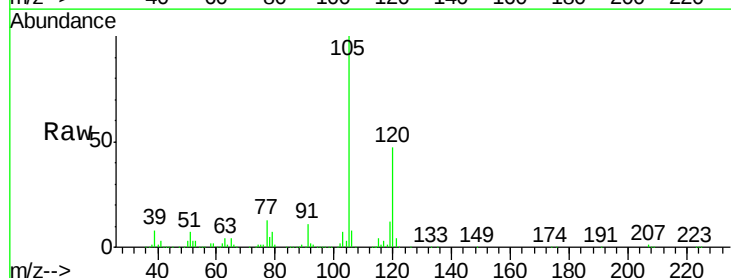
Acq: 08 Jul 2020 13:39

Tgt Ion:105 Resp: 200330

Ion Ratio Lower Upper

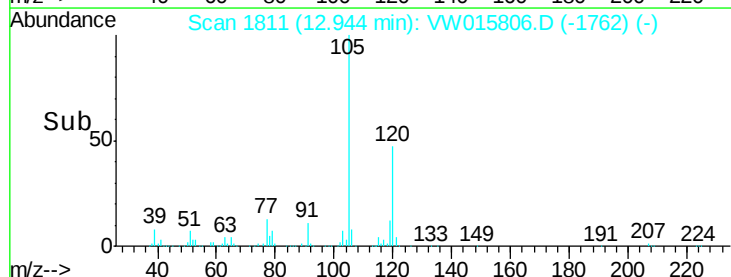
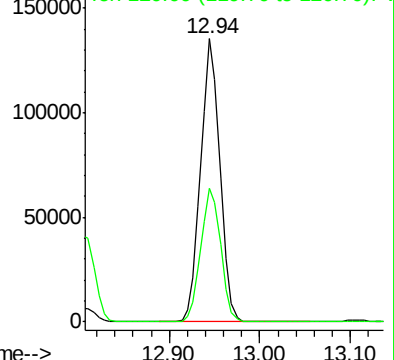
105 100

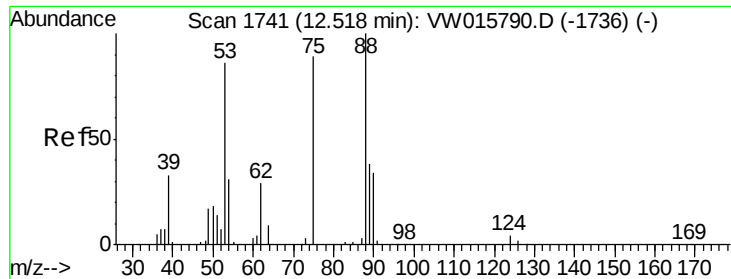
120 48.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.170 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

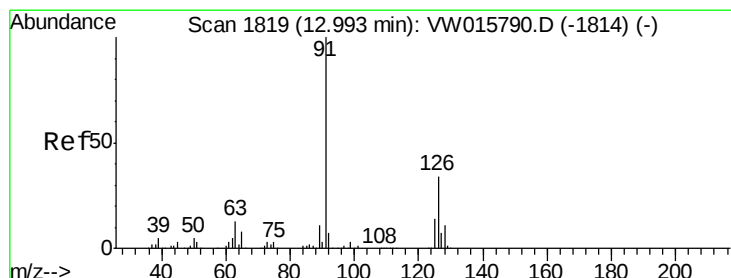
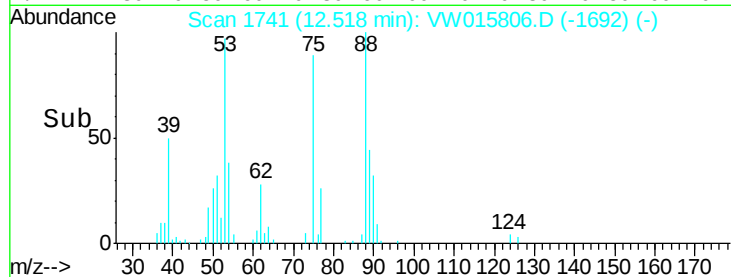
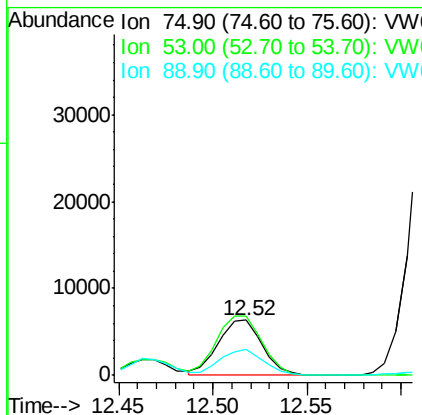
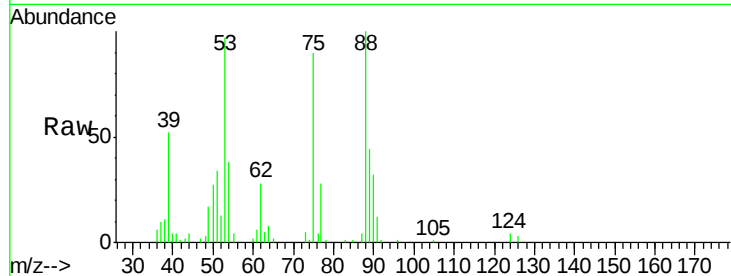
ClientSampled :

VW0708SBS01

Tot Ion:	75	Resp:	10446
Ion Ratio	Lower	Upper	
75	100		
53	111.1	85.9	128.9
89	45.2	36.2	54.4

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#82

4-Chlorotoluene

Concen: 21.925 ug/l

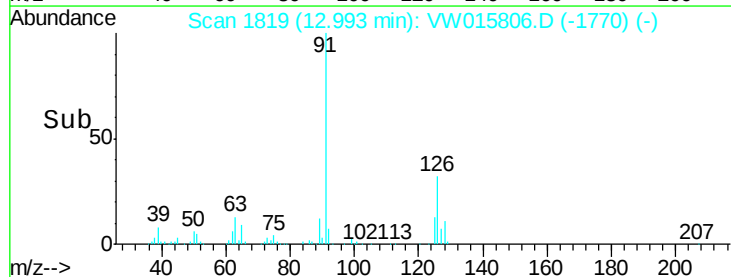
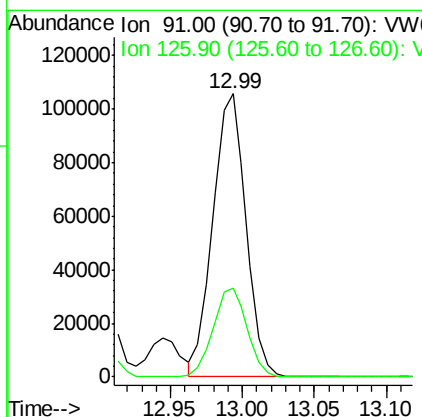
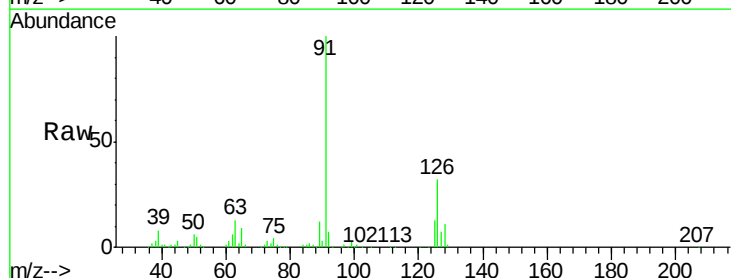
RT: 12.99 min Scan# 1819

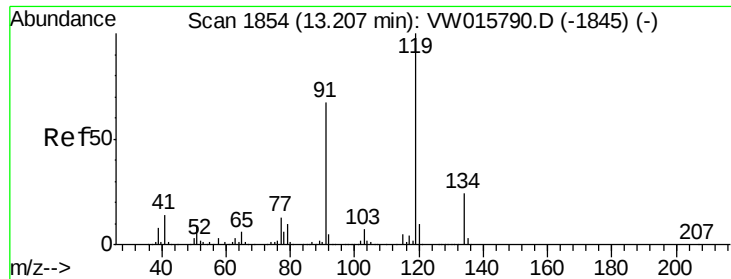
Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Tgt Ion:	91	Resp:	169301
Ion Ratio	Lower	Upper	
91	100		
126	32.1	16.3	48.9





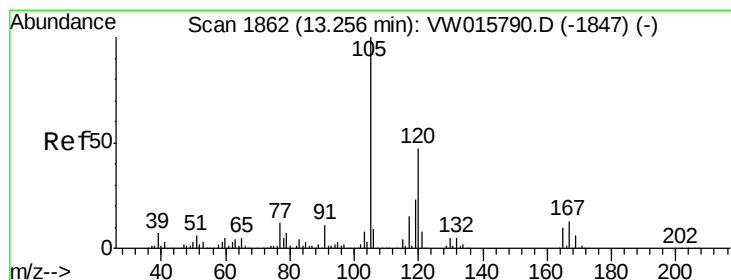
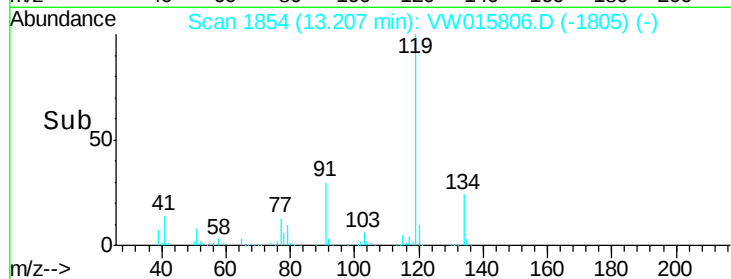
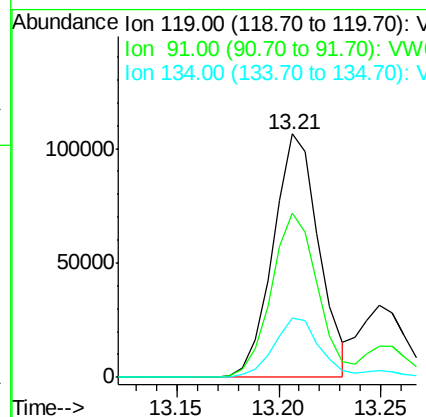
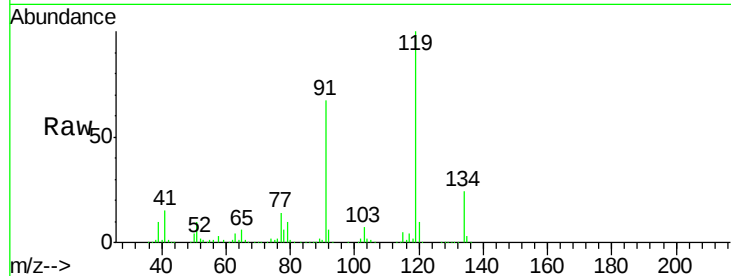
#83
 tert-Butylbenzene
 Concen: 22.045 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	166636		
91	68.7	34.4	103.3	
134	24.2	13.6	40.7	

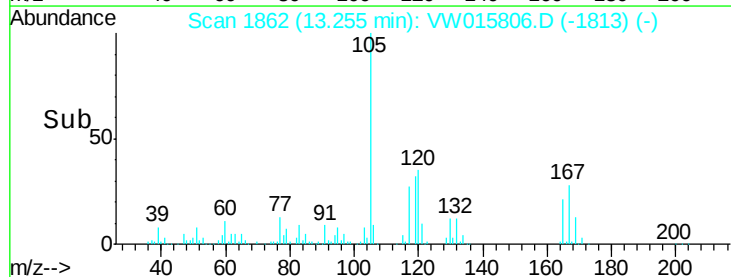
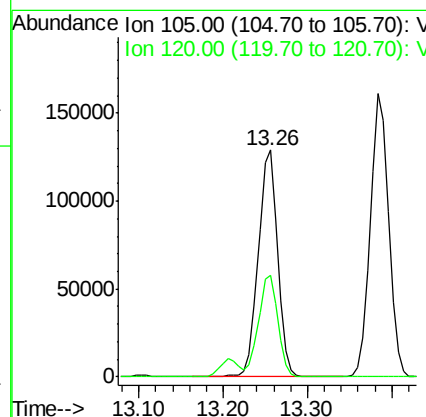
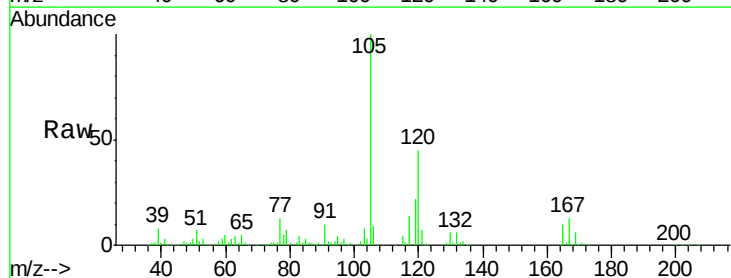
Manual Integrations
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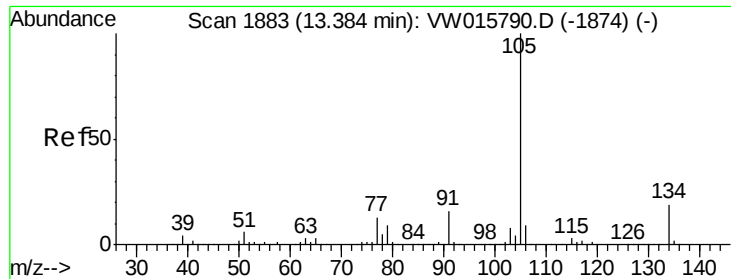
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 7/9/2020 10:47:32 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.071 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200687		
120	44.9	22.8	68.4	





#85

sec-Butylbenzene

Concen: 22.410 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

Tot Ion:105 Resp: 244639

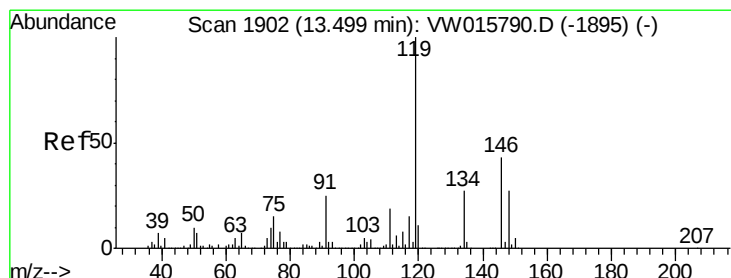
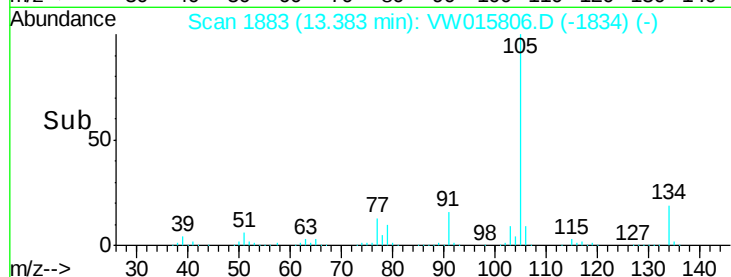
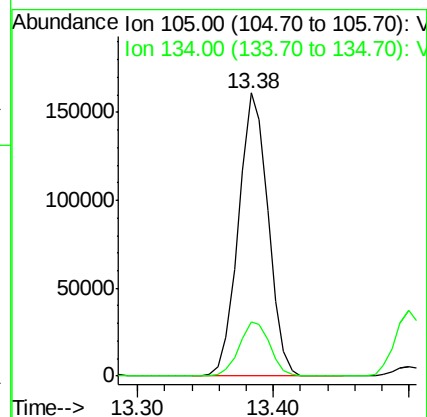
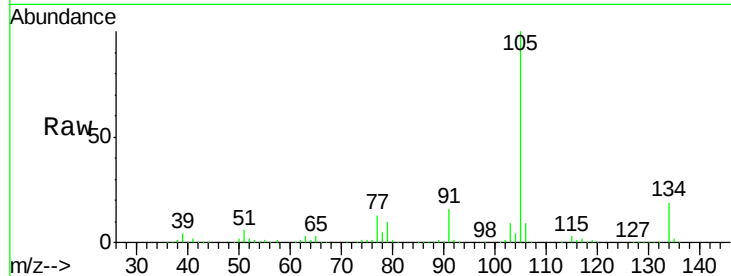
Ion Ratio Lower Upper

105 100

134 19.6 10.0 29.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 22.241 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015806.D

Acq: 08 Jul 2020 13:39

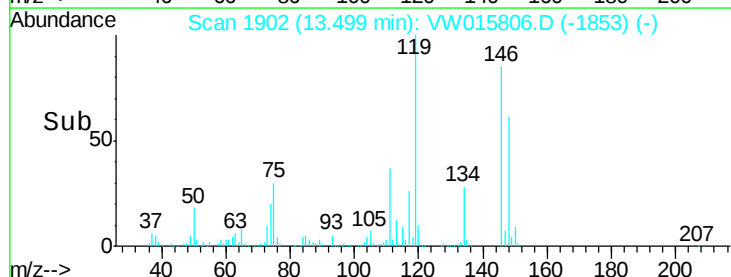
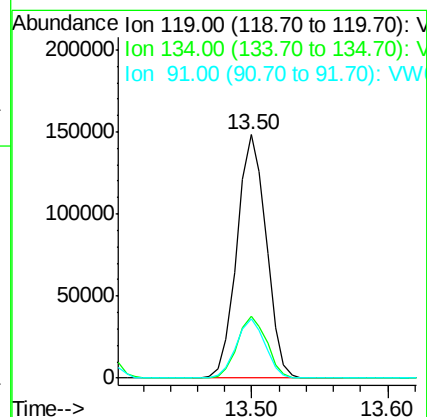
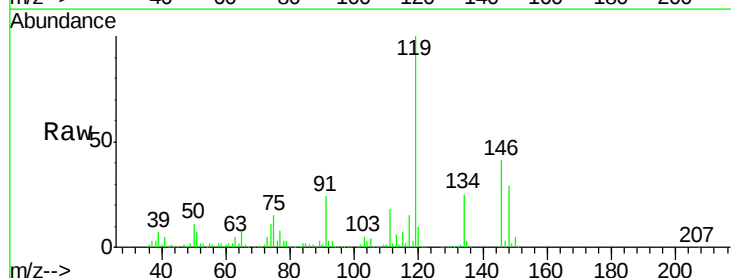
Tgt Ion:119 Resp: 221710

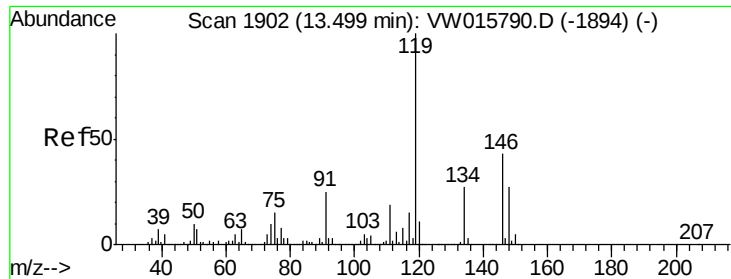
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.6

91 24.3 12.2 36.6





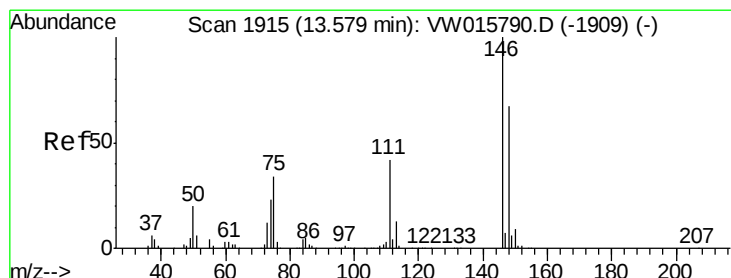
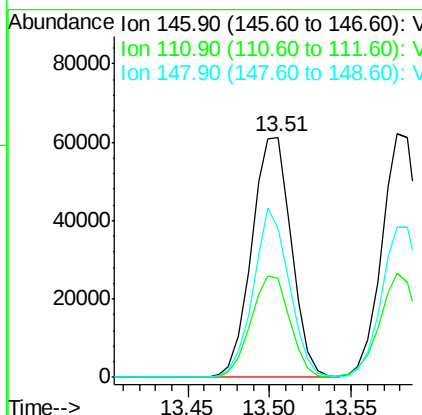
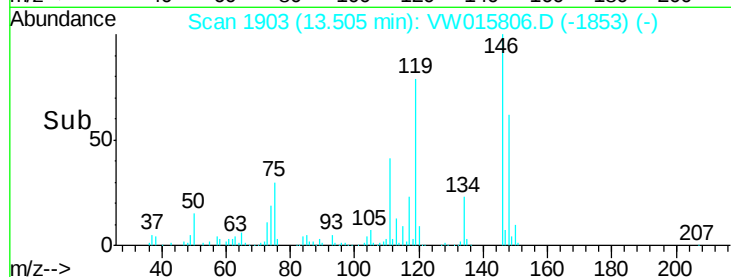
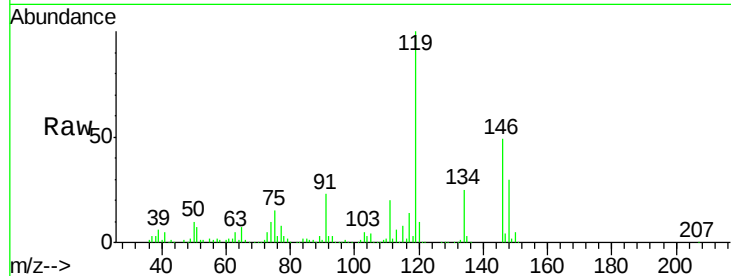
#87
 1,3-Dichlorobenzene
 Concen: 21.524 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.9	20.8	62.4	
148	64.2	31.4	94.2	

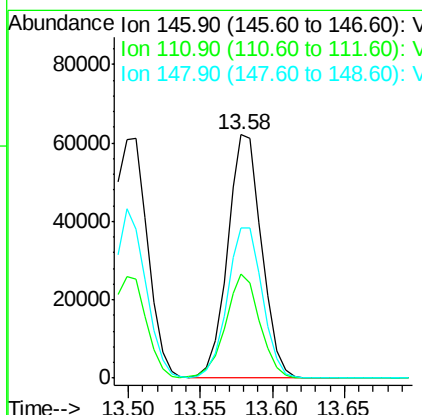
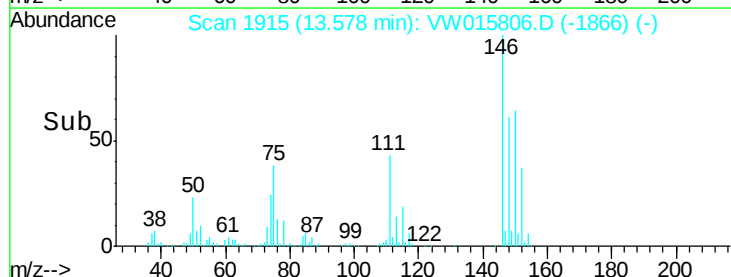
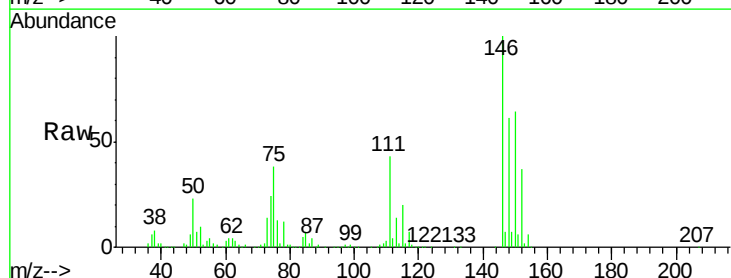
Manual Integrations
 APPROVED

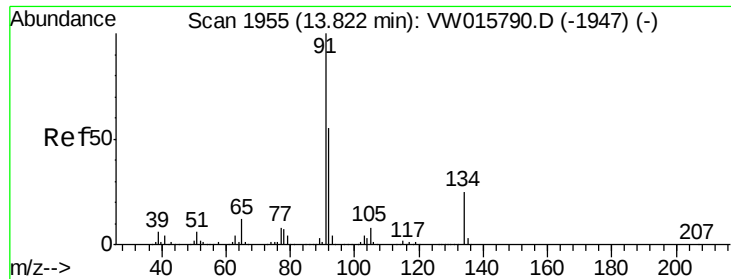
MMDadoda
 7/9/2020 10:47:32 AM



#88
 1,4-Dichlorobenzene
 Concen: 21.772 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.8	20.2	60.6	
148	63.7	31.8	95.4	





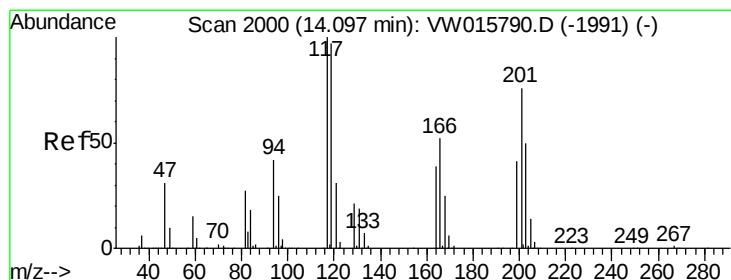
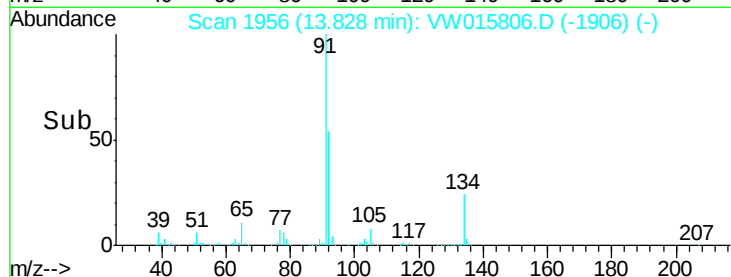
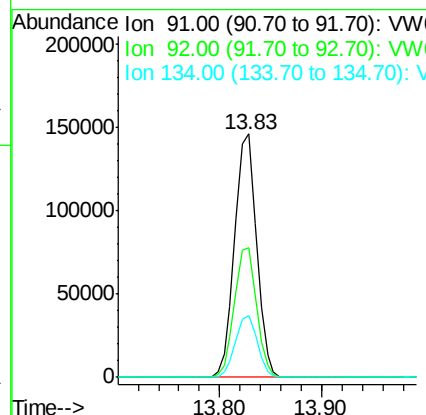
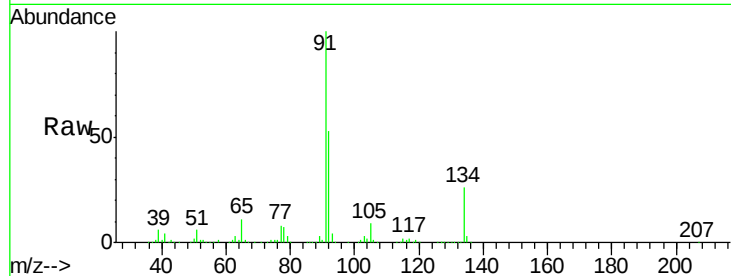
#89
n-Butylbenzene
Concen: 22.801 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	27.2	81.6	
134	25.5	12.7	38.1	

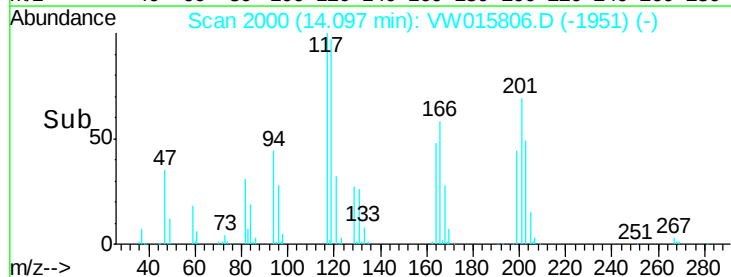
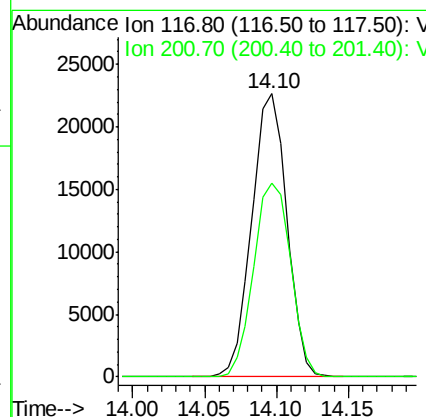
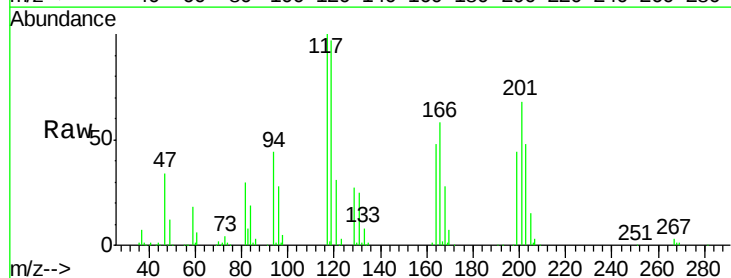
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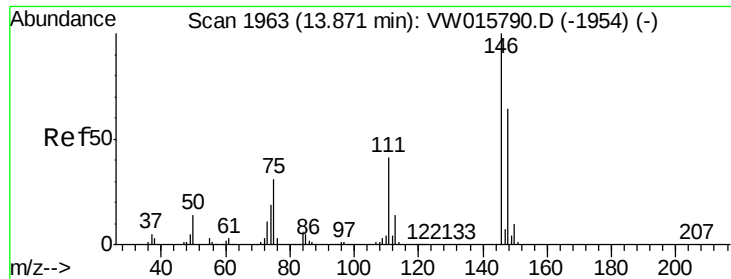
MMDadoda
7/9/2020 10:47:32 AM



#90
Hexachloroethane
Concen: 21.100 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	72.4	37.1	111.3	





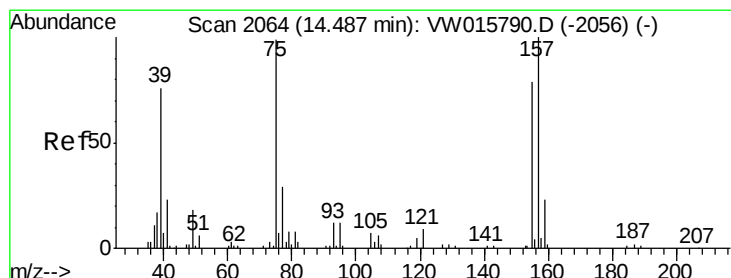
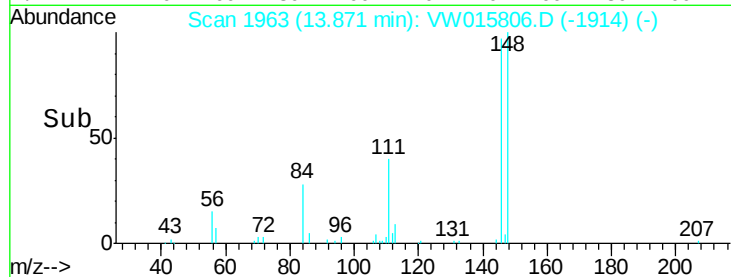
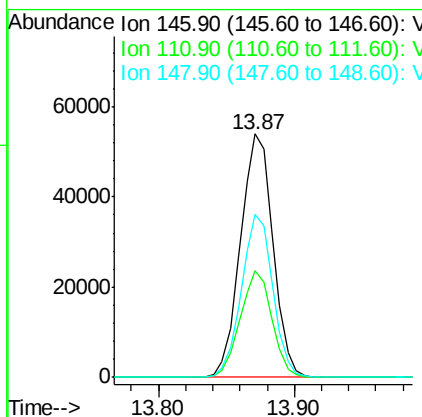
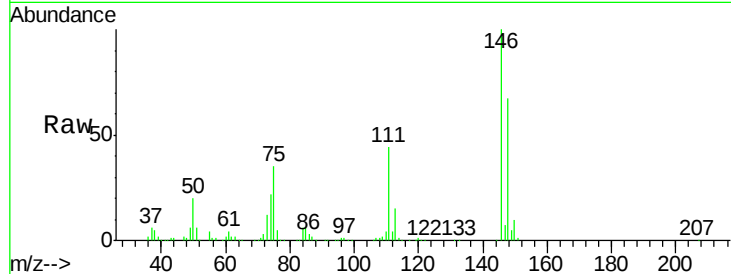
#91
 1,2-Dichlorobenzene
 Concen: 21.630 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.6	61.9
148	64.5	31.8	95.4

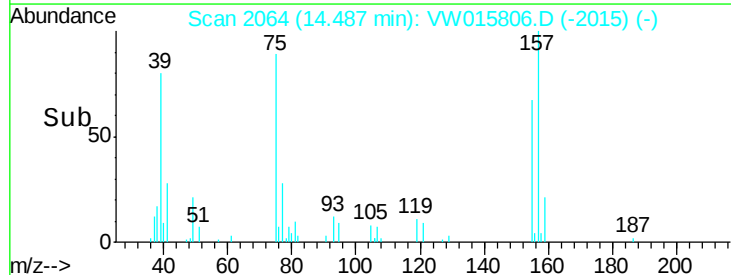
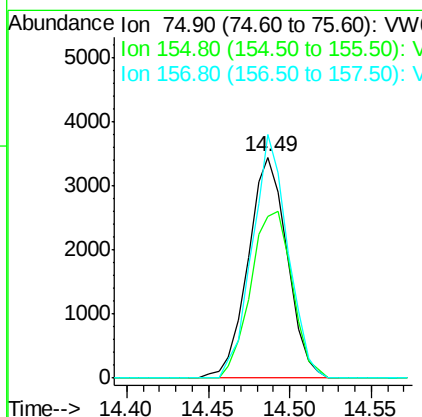
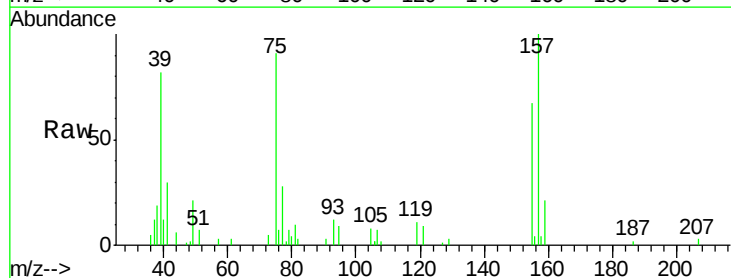
Manual Integrations
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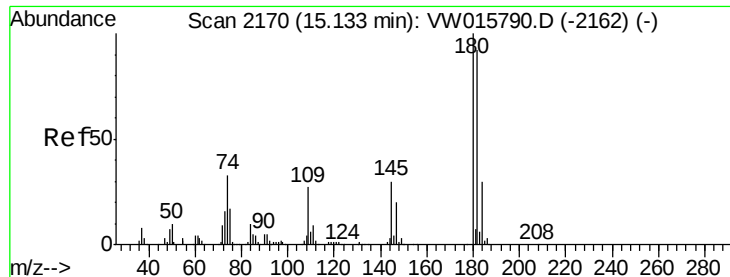
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 7/9/2020 10:47:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.235 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015806.D
 Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	39.1	117.5
157	100.3	49.1	147.4





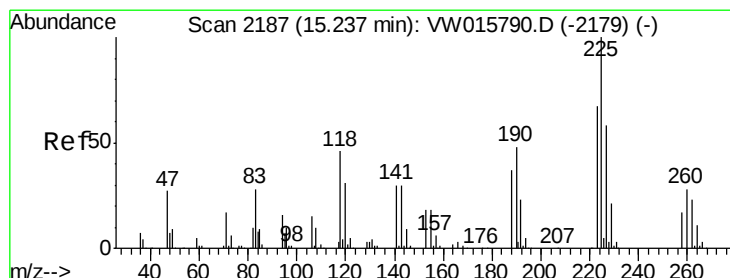
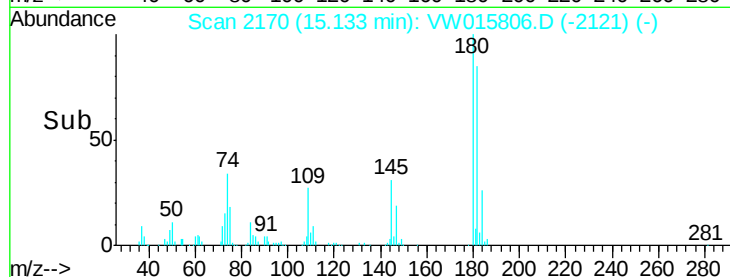
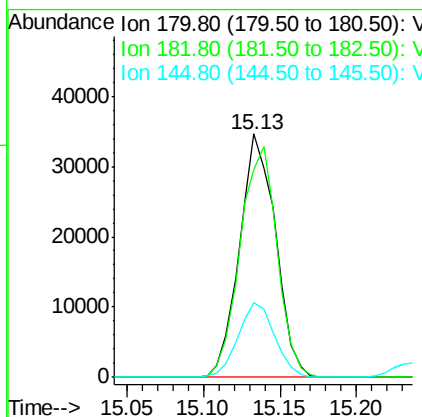
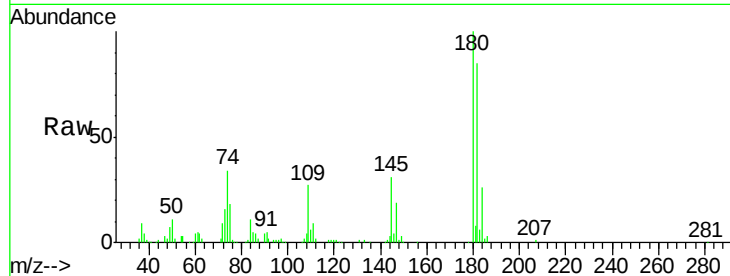
#93
1,2,4-Trichlorobenzene
Concen: 21.664 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56818		
182	97.1	46.8	140.3	
145	31.3	15.4	46.4	

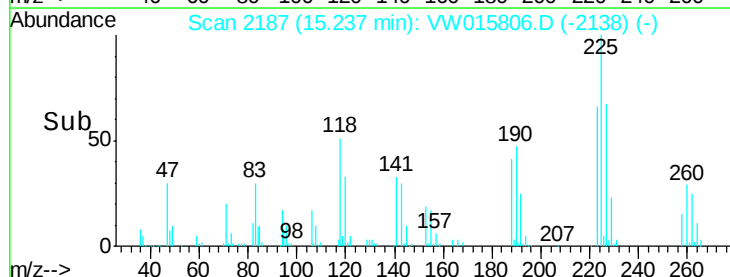
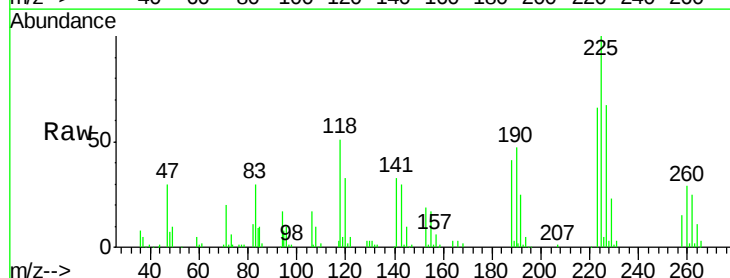
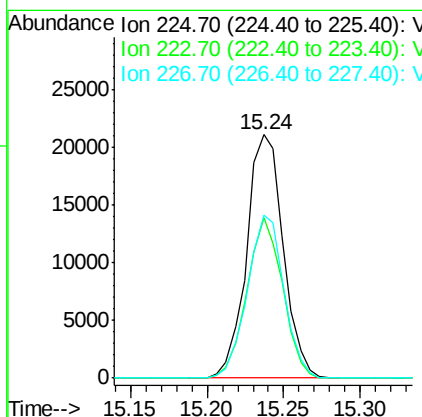
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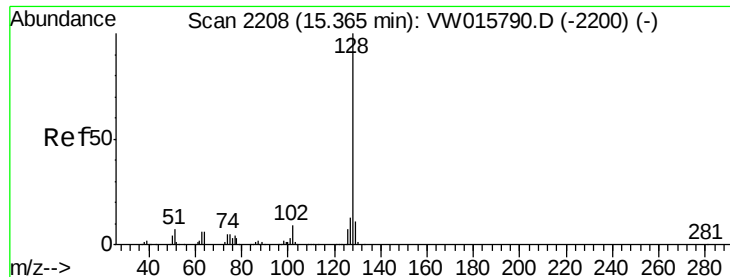
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7/9/2020 10:47:32 AM



#94
Hexachlorobutadiene
Concen: 21.027 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35013		
223	64.4	32.4	97.2	
227	66.7	30.7	92.1	





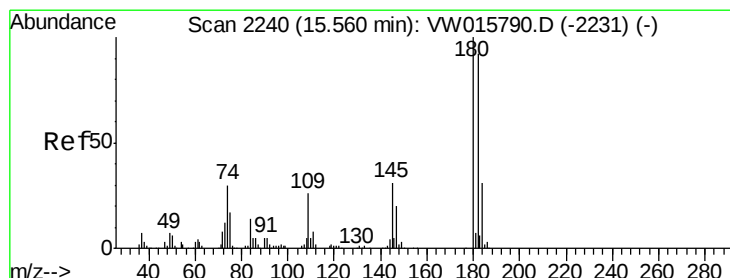
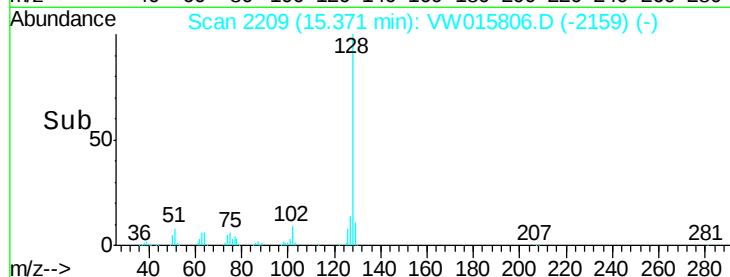
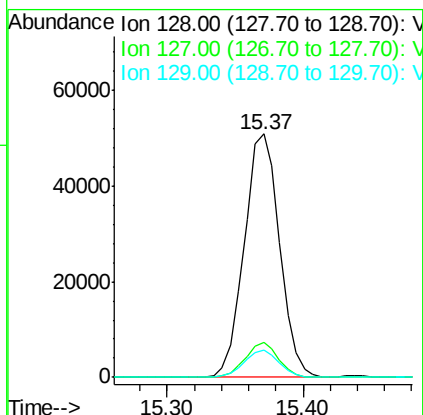
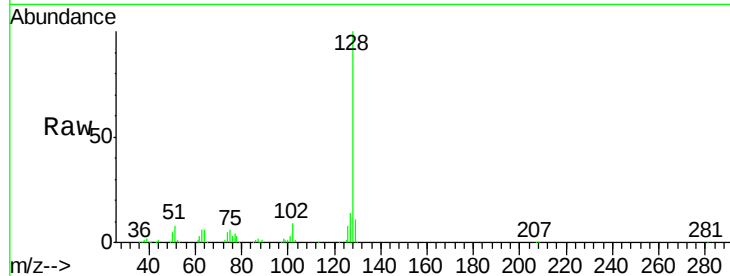
#95
Naphthalene
Concen: 20.689 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.805 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015806.D
Acq: 08 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	32.6	16.7	50.0

