

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016299.D
 Acq On : 21 Aug 2020 12:25
 Operator : SY/VA
 Sample : VW0822SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:55:00 PM

Quant Time: Aug 22 06:16:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111114	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.89	113	116104	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.32	98	455889	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	163982	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31769	19.720	ug/l	98
3) Chloromethane	2.21	50	31328	18.264	ug/l	99
4) Vinyl Chloride	2.37	62	42062	17.520	ug/l	96
5) Bromomethane	2.78	94	26593	17.815	ug/l	97
6) Chloroethane	2.92	64	24022	17.718	ug/l	96
7) Trichlorofluoromethane	3.26	101	40088	20.625	ug/l	100
8) Diethyl Ether	3.68	74	22813	18.704	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46982	18.434	ug/l	99
10) Methyl Iodide	4.26	142	70065	19.026	ug/l	99
11) Tert butyl alcohol	5.20	59	13470	109.553	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	47443	18.292	ug/l	97
13) Acrolein	3.90	56	15533	87.456	ug/l	96
14) Allyl chloride	4.67	41	64263	18.493	ug/l	98
15) Acrylonitrile	5.37	53	41695	90.725	ug/l	99
16) Acetone	4.14	43	34549	78.064	ug/l	94
17) Carbon Disulfide	4.38	76	136101	17.872	ug/l	98
18) Methyl Acetate	4.67	43	17838	17.308	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65135	20.395	ug/l	96
20) Methylene Chloride	4.91	84	64781	20.664	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	52051	18.429	ug/l	96
22) Diisopropyl ether	6.31	45	124484	19.002	ug/l	97
23) Vinyl Acetate	6.26	43	349021	93.042	ug/l	98
24) 1,1-Dichloroethane	6.21	63	83243	18.206	ug/l	97
25) 2-Butanone	7.18	43	50203	84.641	ug/l	97
26) 2,2-Dichloropropane	7.17	77	59497	20.144	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	56890	19.514	ug/l	99
28) Bromochloromethane	7.51	49	32433	18.696	ug/l	95
29) Tetrahydrofuran	7.53	42	31594	89.110	ug/l	97
30) Chloroform	7.68	83	89156	18.767	ug/l	98
31) Cyclohexane	7.96	56	77822	18.458	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	77486	19.413	ug/l	97
36) 1,1-Dichloropropene	8.08	75	72273	19.240	ug/l	99
37) Ethyl Acetate	7.25	43	23804	18.483	ug/l	98
38) Carbon Tetrachloride	8.07	117	73456	19.596	ug/l	95

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Manual Integrations
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 8/24/2020 4:55:00 PM

Quant Time: Aug 22 06:16:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90333	19.965	ug/l	98
40) Benzene	8.32	78	198246	18.760	ug/l	99
41) Methacrylonitrile	7.49	41	13635	18.550	ug/l	97
42) 1,2-Dichloroethane	8.40	62	54135	19.397	ug/l	98
43) Isopropyl Acetate	8.43	43	45099	18.613	ug/l	97
44) Trichloroethene	9.09	130	56524	18.886	ug/l	100
45) 1,2-Dichloropropane	9.37	63	46358	18.610	ug/l	96
46) Dibromomethane	9.46	93	24476	18.716	ug/l	94
47) Bromodichloromethane	9.65	83	64790	19.175	ug/l	96
48) Methyl methacrylate	9.44	41	22023	19.552	ug/l	99
49) 1,4-Dioxane	9.48	88	6478	393.381	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	111784	91.218	ug/l	99
52) Toluene	10.39	92	132017	19.510	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61948	19.801	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	75855	19.509	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35854	19.107	ug/l	99
56) Ethyl methacrylate	10.65	69	42075	19.662	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59619	18.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	98707	101.171	ug/l	98
59) 2-Hexanone	10.97	43	76356	91.080	ug/l	100
60) Dibromochloromethane	11.13	129	44086	19.750	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34288	18.982	ug/l	98
64) Tetrachloroethene	10.87	164	44253	19.893	ug/l	93
65) Chlorobenzene	11.66	112	139468	20.070	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	48522	19.976	ug/l	99
67) Ethyl Benzene	11.73	91	252327	20.204	ug/l	98
68) m/p-Xylenes	11.84	106	198162	41.281	ug/l	98
69) o-Xylene	12.17	106	90323	21.120	ug/l	100
70) Styrene	12.18	104	153469	20.738	ug/l	99
71) Bromoform	12.35	173	22506	20.703	ug/l #	99
73) Isopropylbenzene	12.46	105	250073	20.263	ug/l	100
74) N-amyl acetate	12.27	43	42137	19.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38015	18.409	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	26915m	18.071	ug/l	
77) Bromobenzene	12.75	156	55140	20.200	ug/l	94
78) n-propylbenzene	12.80	91	296968	20.159	ug/l	100
79) 2-Chlorotoluene	12.90	91	170598	20.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215611	20.352	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	11918	19.193	ug/l	98
82) 4-Chlorotoluene	12.99	91	178137	20.108	ug/l	100
83) tert-Butylbenzene	13.21	119	179639	20.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	216024	20.606	ug/l	99
85) sec-Butylbenzene	13.38	105	258090	20.452	ug/l	99
86) p-Isopropyltoluene	13.50	119	238830	20.925	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111816	20.454	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108945	20.239	ug/l	99
89) n-Butylbenzene	13.82	91	219357	20.774	ug/l	99
90) Hexachloroethane	14.10	117	41945	19.692	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	96535	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6115	19.263	ug/l	98

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ClientSampleId :
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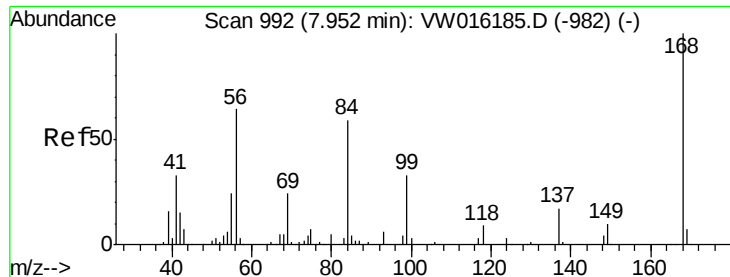
Manual Integrations
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8/24/2020 4:55:00 PM

Quant Time: Aug 22 06:16:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64812	22.804	ug/l	97
94) Hexachlorobutadiene	15.24	225	38137	22.570	ug/l	98
95) Naphthalene	15.36	128	108778	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	54025	22.134	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion:168 Resp: 236901

Ion Ratio Lower Upper

168 100

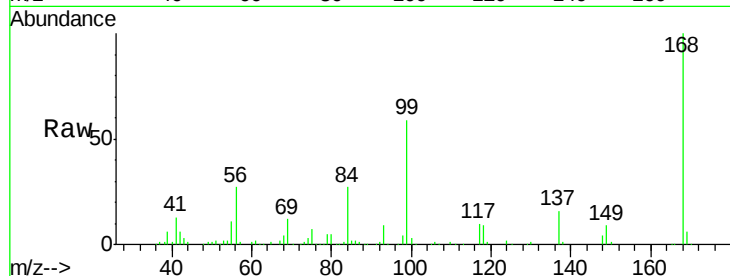
99 58.6 48.3 72.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

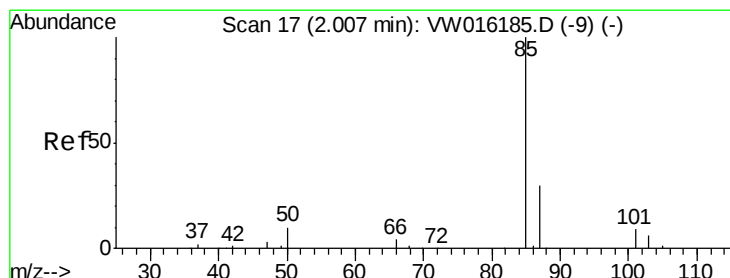
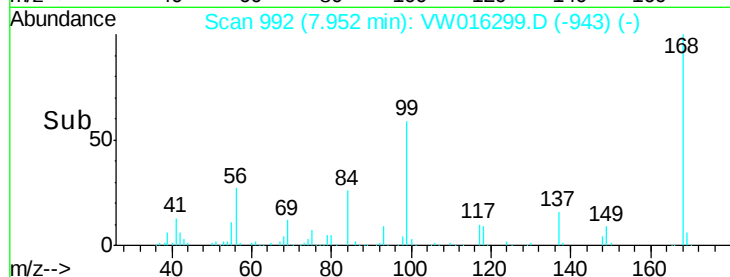
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.720 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016299.D

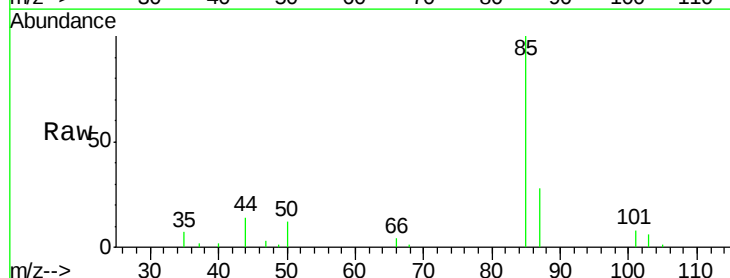
Acq: 21 Aug 2020 12:25

Tgt Ion: 85 Resp: 31769

Ion Ratio Lower Upper

85 100

87 28.4 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

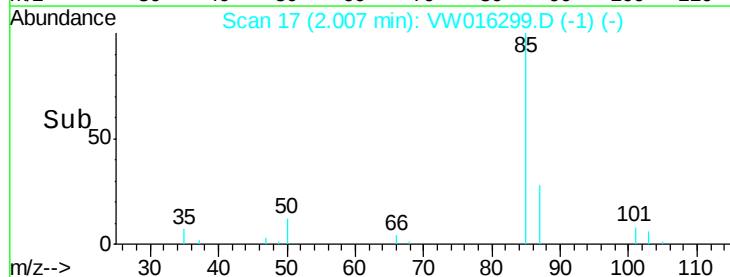
6000

4000

2000

0

Time-->





#3

Chloromethane

Concen: 18.264 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 50 Resp: 31328

Ion Ratio Lower Upper

50 100

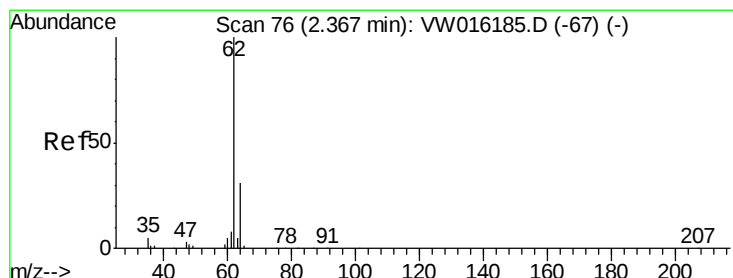
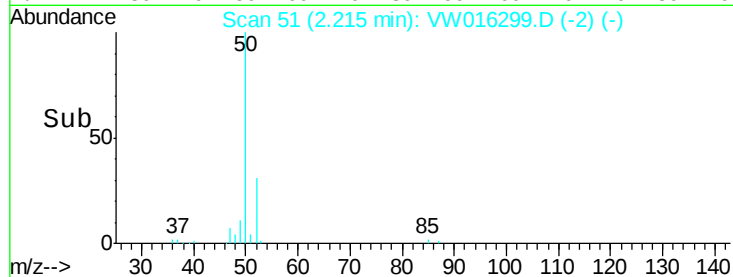
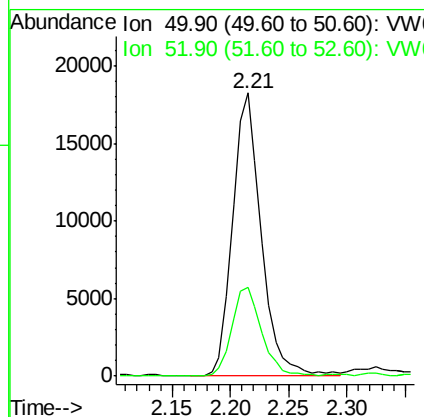
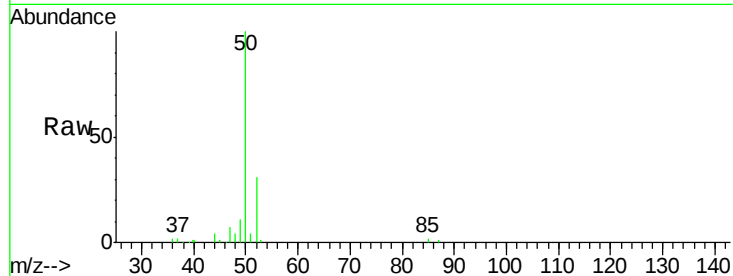
52 31.3 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.520 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016299.D

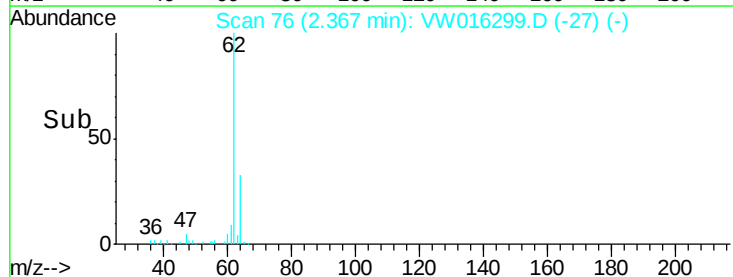
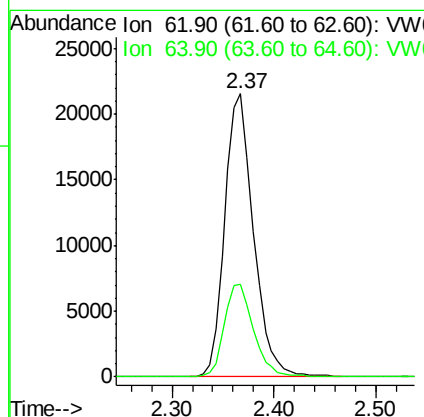
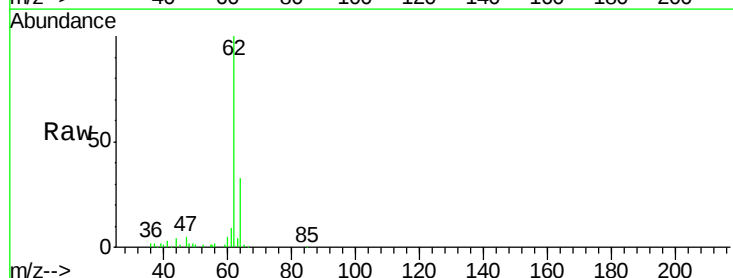
Acq: 21 Aug 2020 12:25

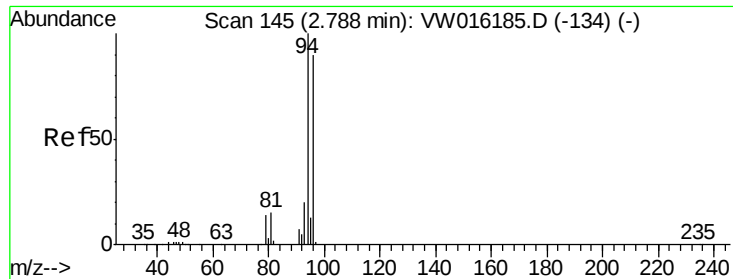
Tgt Ion: 62 Resp: 42062

Ion Ratio Lower Upper

62 100

64 32.8 24.5 36.7





#5

Bromomethane

Concen: 17.815 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 94 Resp: 26593

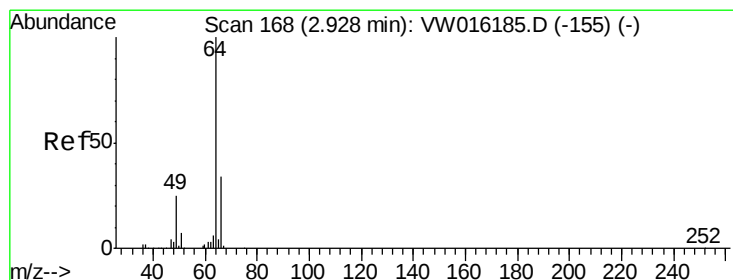
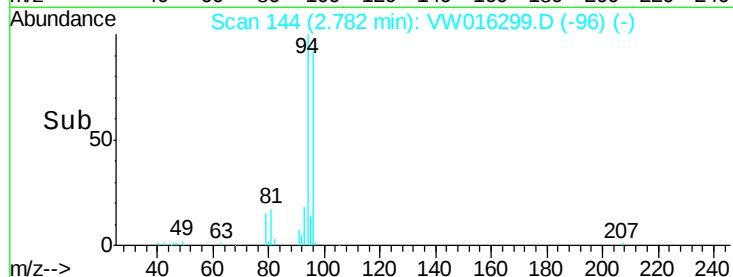
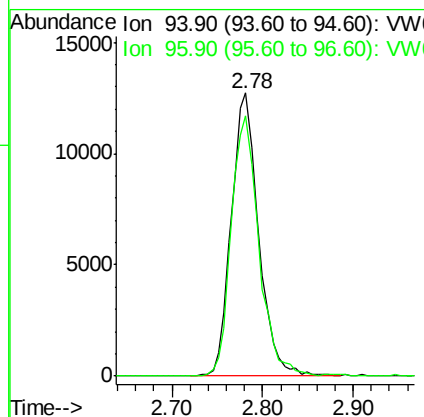
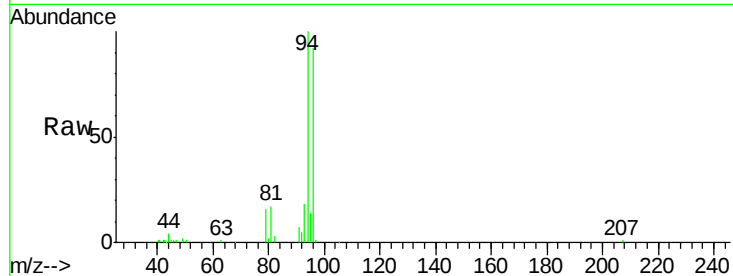
Ion Ratio Lower Upper

94 100

96 92.2 71.8 107.6

Manual Integrations
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#6

Chloroethane

Concen: 17.718 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016299.D

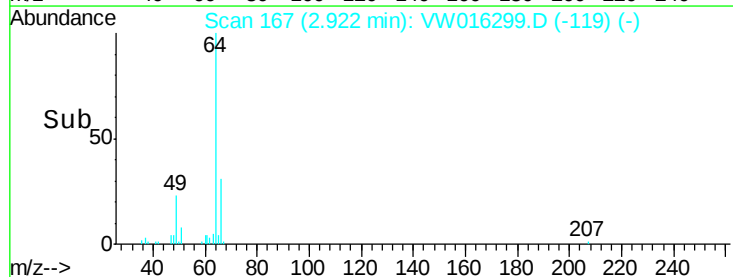
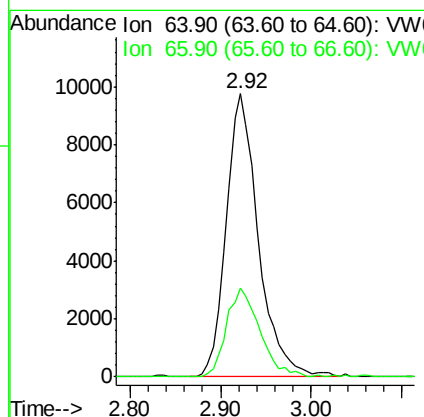
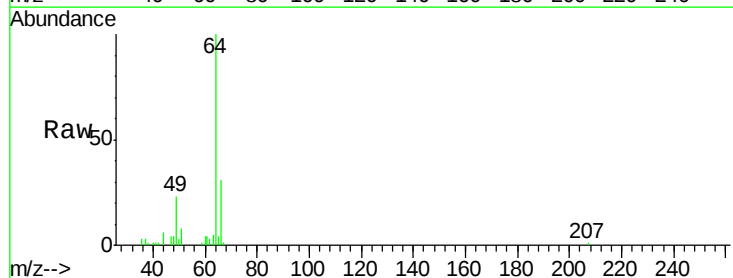
Acq: 21 Aug 2020 12:25

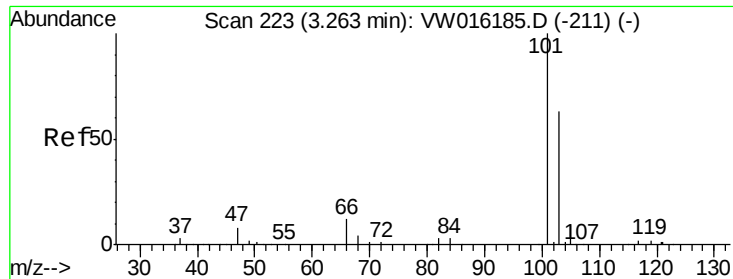
Tgt Ion: 64 Resp: 24022

Ion Ratio Lower Upper

64 100

66 31.4 26.9 40.3





#7

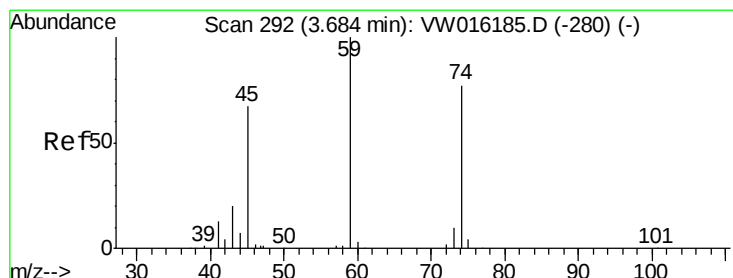
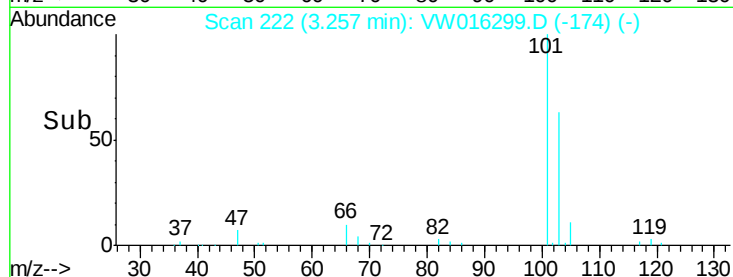
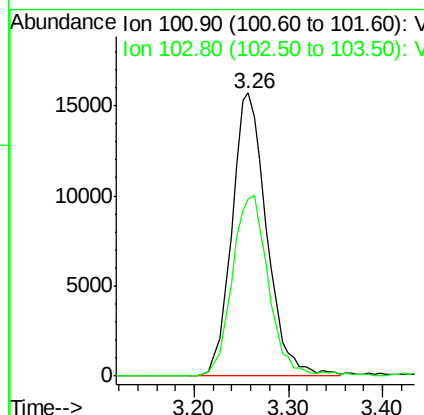
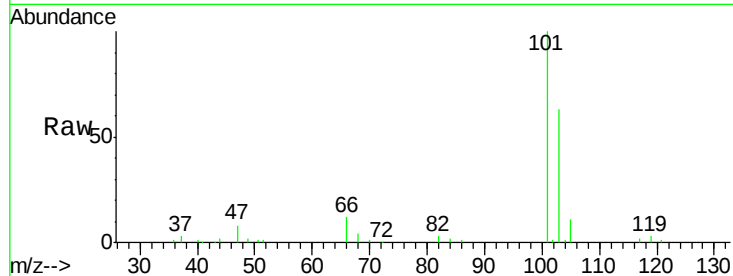
Trichlorofluoromethane
 Concen: 20.625 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

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 VW0822SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		40088		
103	62.7	50.4	75.6		

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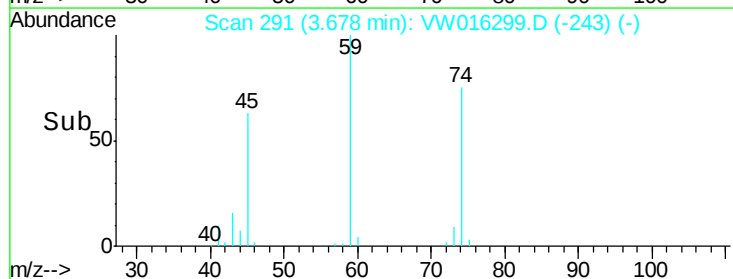
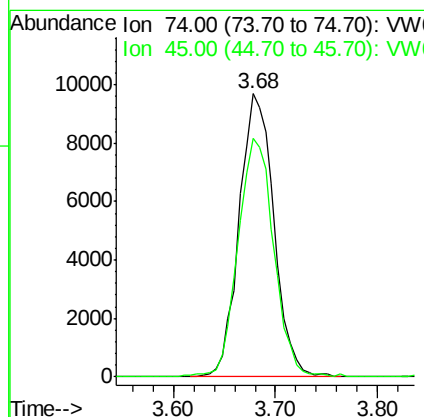
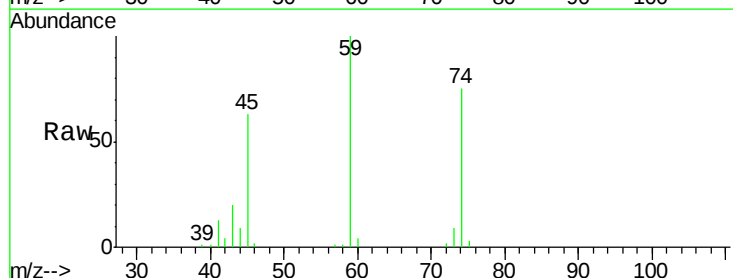
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 8/24/2020 4:55:00 PM

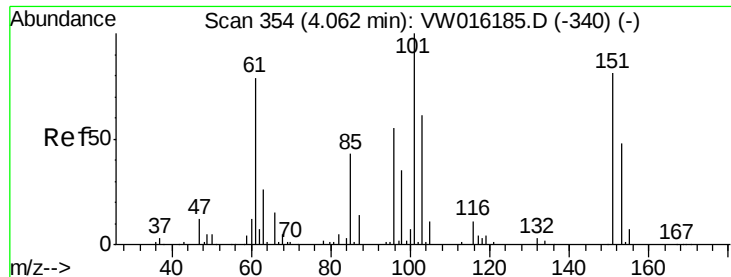


#8

Diethyl Ether
 Concen: 18.704 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		22813		
45	87.1	45.9	137.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.434 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

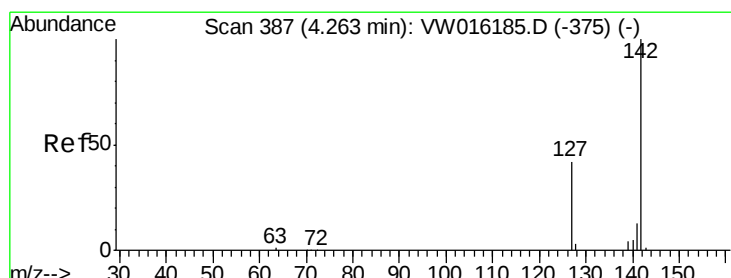
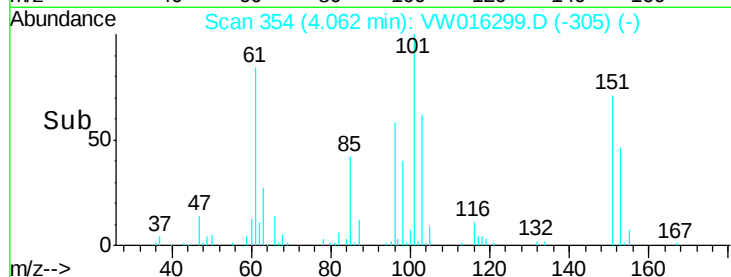
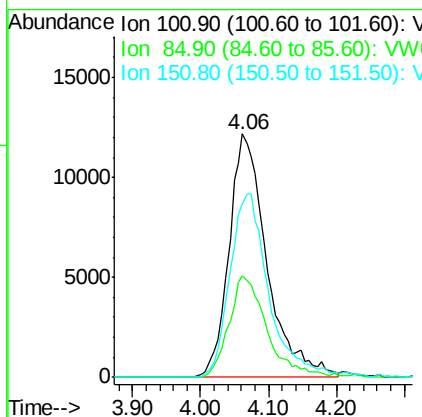
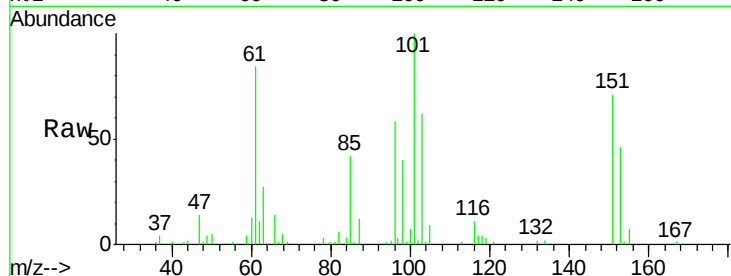
ClientSampleId :

VW0822SBS01

Tot Ion:	101	Resp:	46982
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.3	49.9
151	77.4	61.1	91.7

Manual Integrations
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#10

Methyl Iodide

Concen: 19.026 ug/l

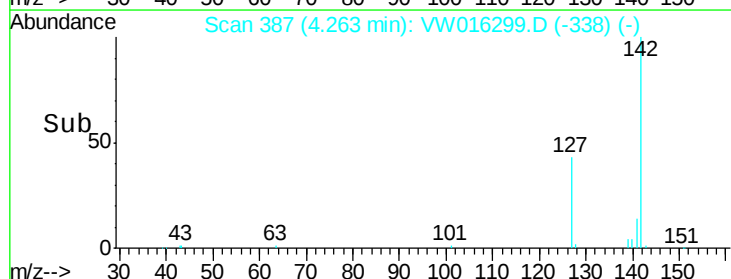
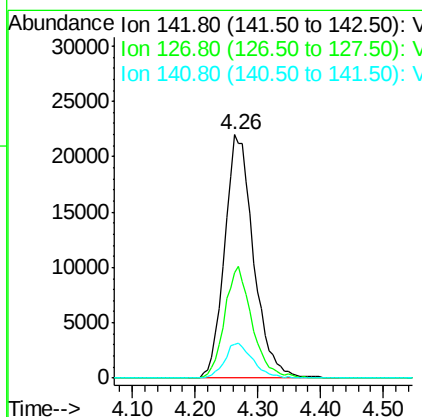
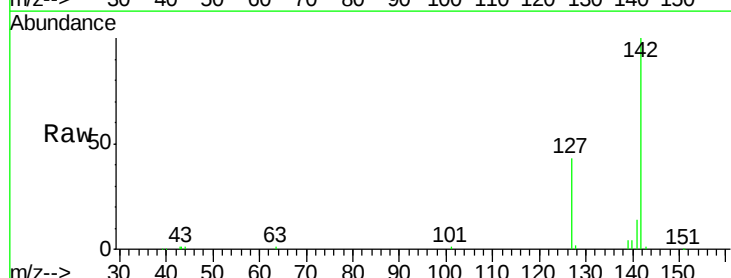
RT: 4.26 min Scan# 387

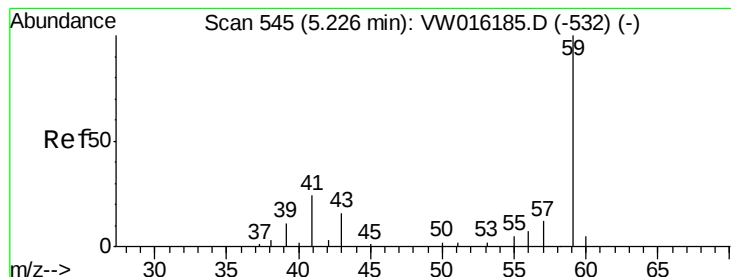
Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion:	142	Resp:	70065
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.6	52.0
141	14.0	11.4	17.2





#11

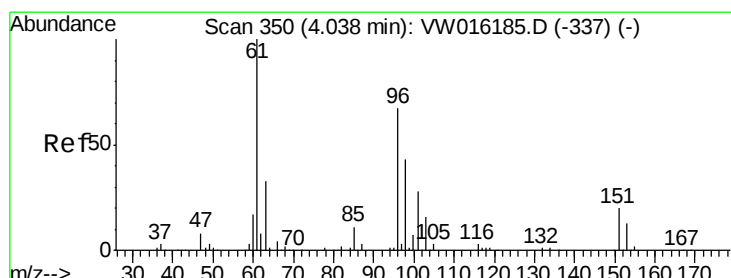
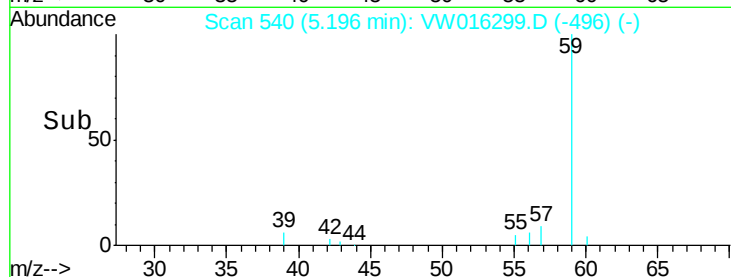
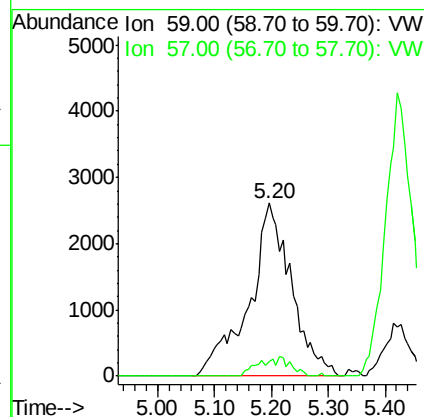
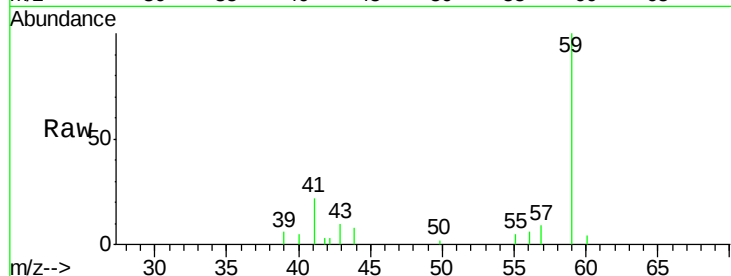
Tert butyl alcohol
Concen: 109.553 ug/l
RT: 5.20 min Scan# 540
Delta R.T. -0.03 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	13470		
57	8.3	9.0	13.6#	

Manual Integrations
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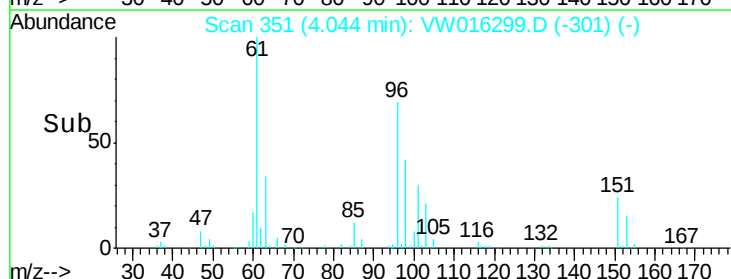
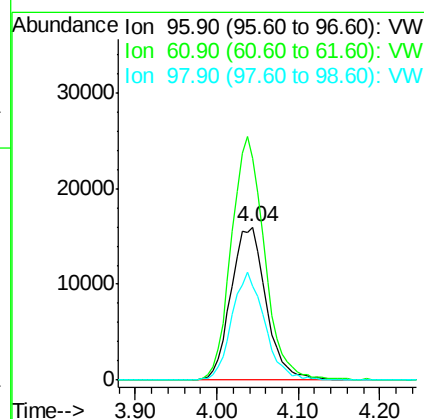
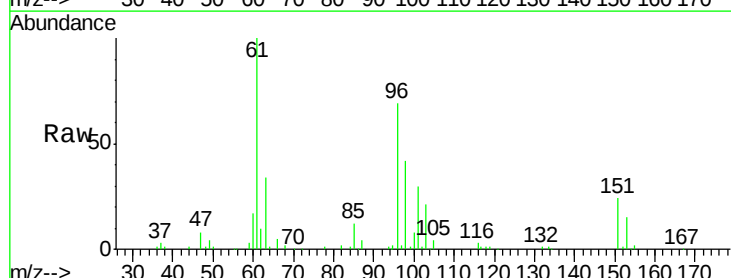
MMDadoda
8/24/2020 4:55:00 PM

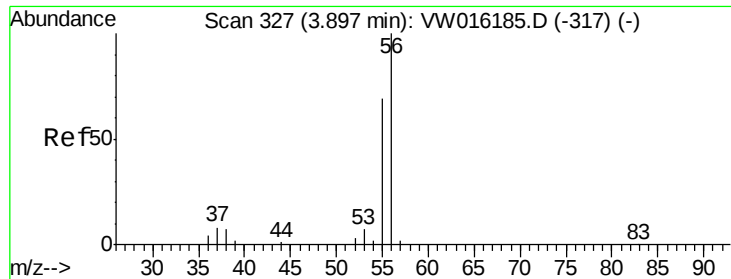


#12

1,1-Dichloroethene
Concen: 18.292 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	47443		
61	145.2	119.5	179.3	
98	61.5	51.3	76.9	





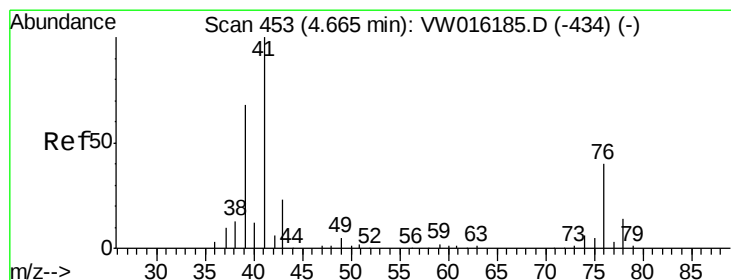
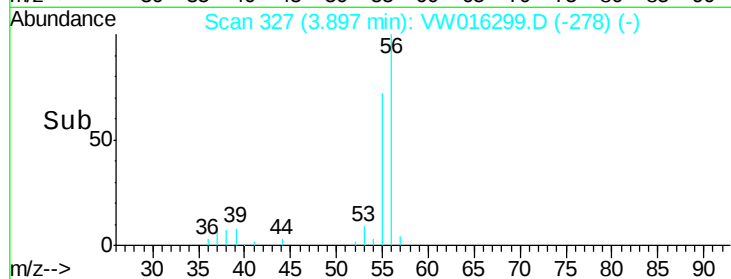
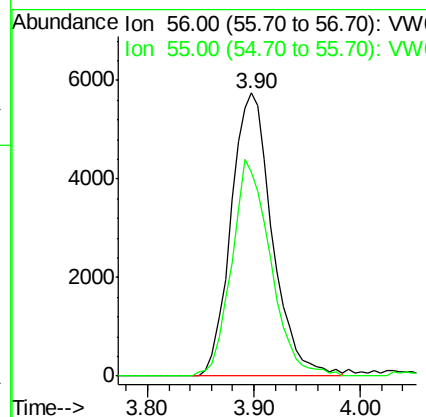
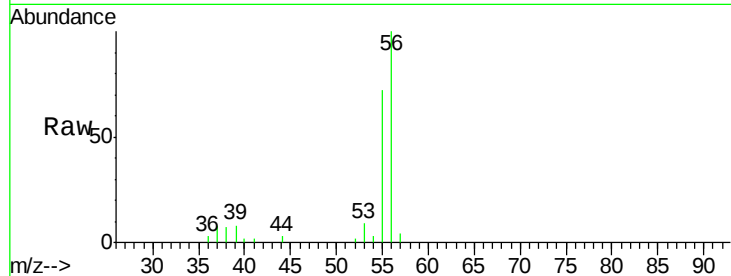
#13
Acrolein
Concen: 87.456 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	56	55	Ratio	Lower	Upper
15533	100	72.2		55.0	82.6

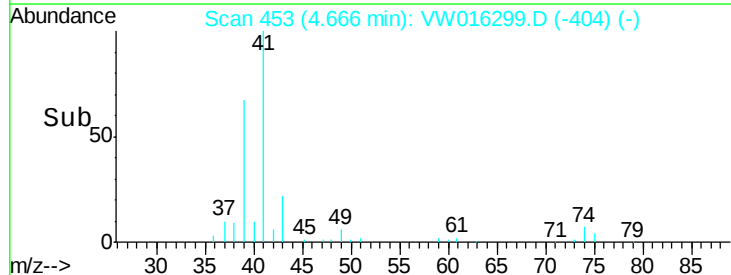
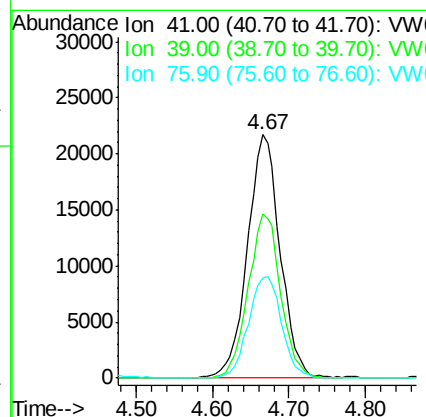
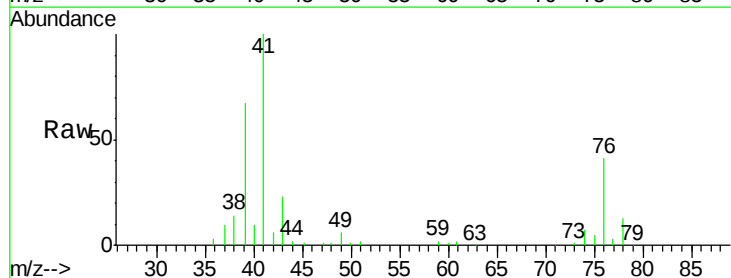
Manual Integrations
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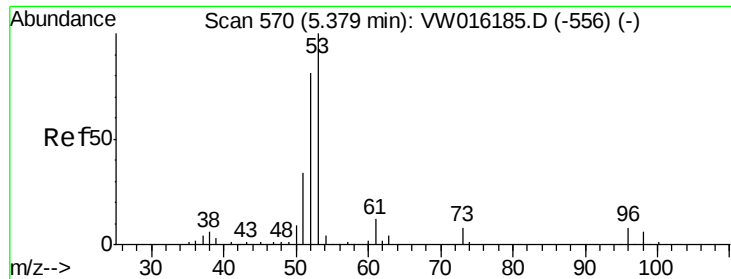
MMDadoda
8/24/2020 4:55:00 PM



#14
Allyl chloride
Concen: 18.493 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	41	39	76	Ratio	Lower	Upper
64263	100	67.0	42.5		53.4	80.0
					32.0	48.0





#15

Acrylonitrile

Concen: 90.725 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

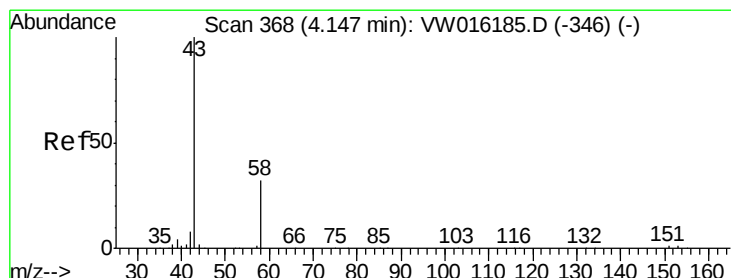
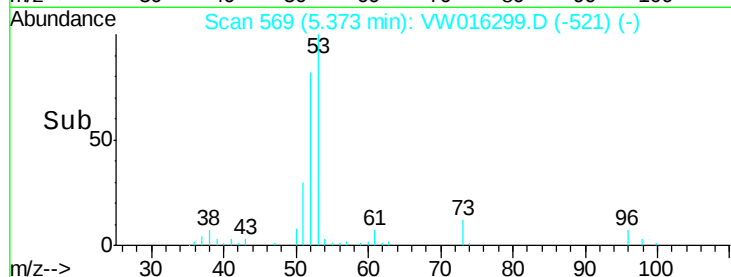
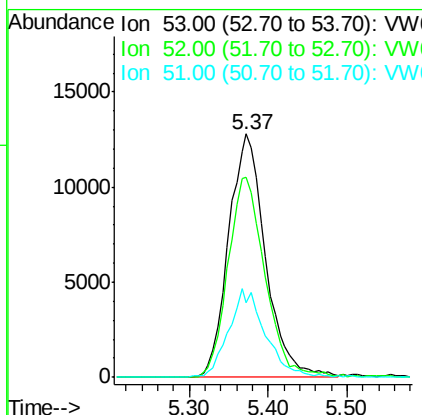
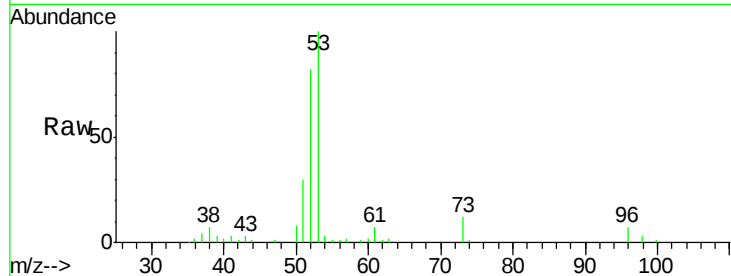
ClientSampleId :

VW0822SBS01

Tot Ion:	53	Resp:	41695
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.3	97.9
51	35.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 78.064 ug/l

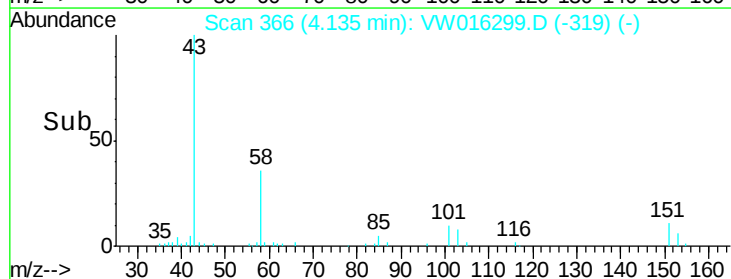
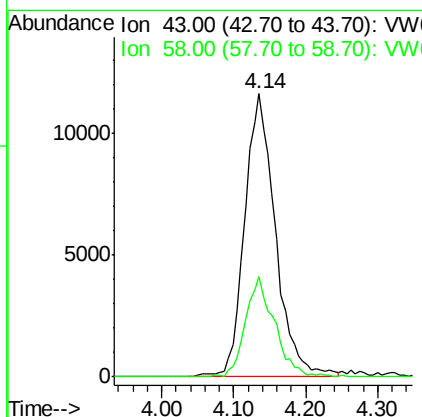
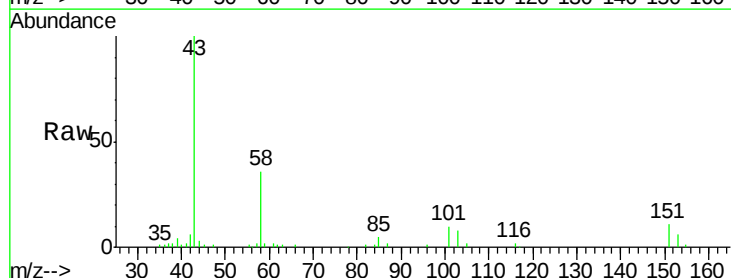
RT: 4.14 min Scan# 366

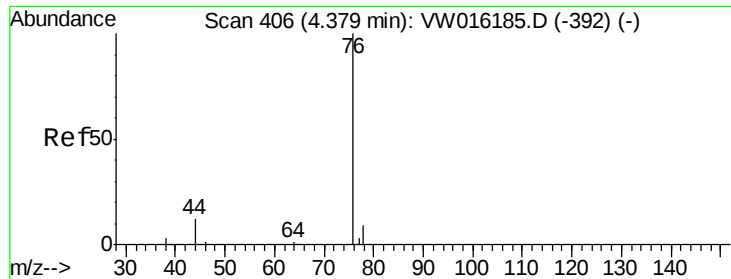
Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion:	43	Resp:	34549
Ion	Ratio	Lower	Upper
43	100		
58	35.6	25.8	38.6





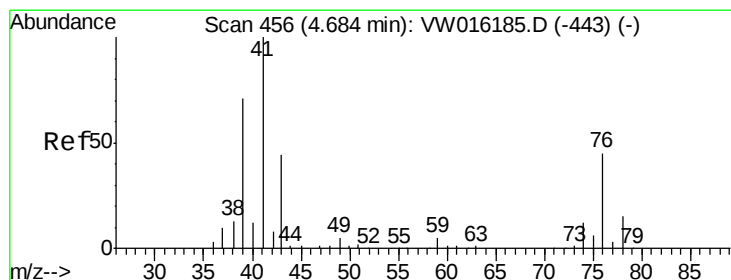
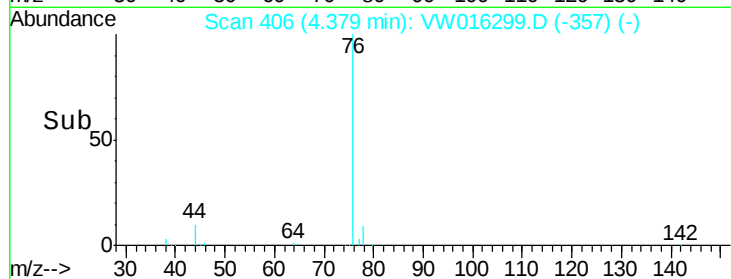
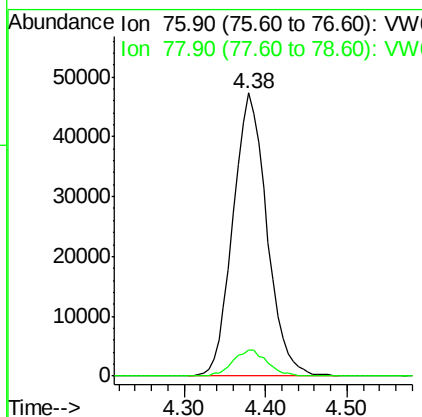
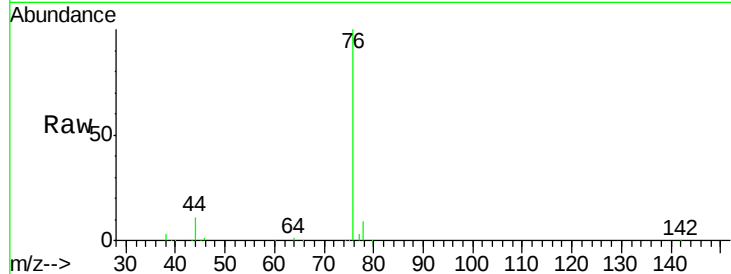
#17
Carbon Disulfide
Concen: 17.872 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

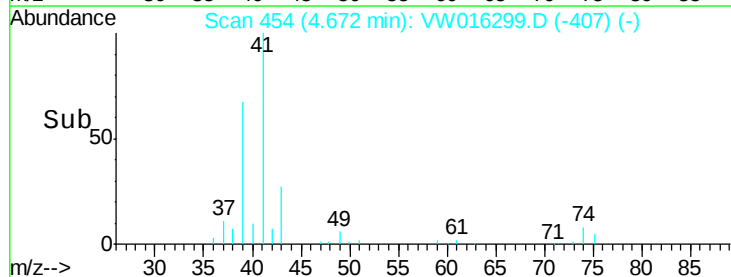
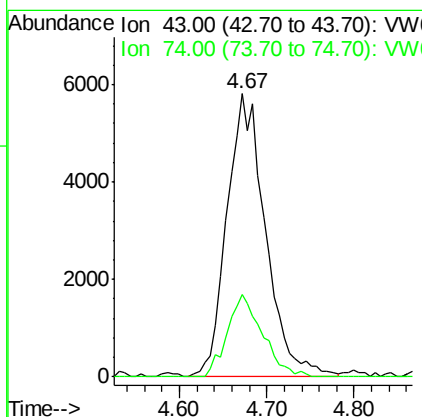
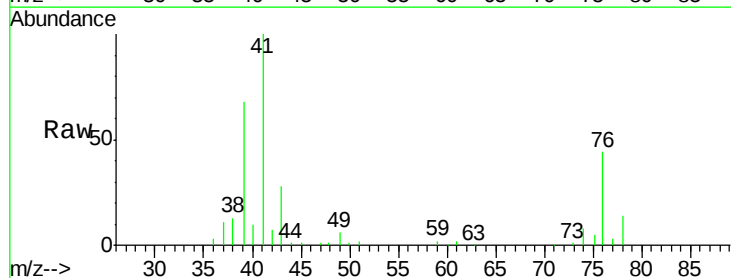
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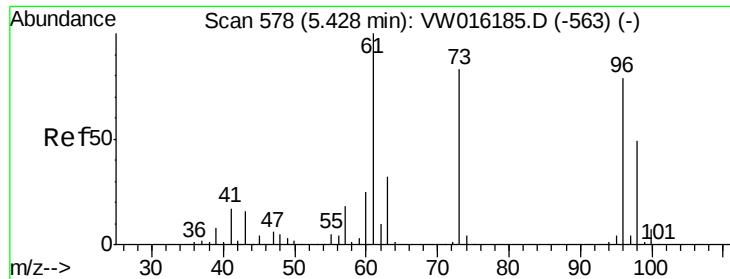
MMDadoda
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#18
Methyl Acetate
Concen: 17.308 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	20.6	31.0





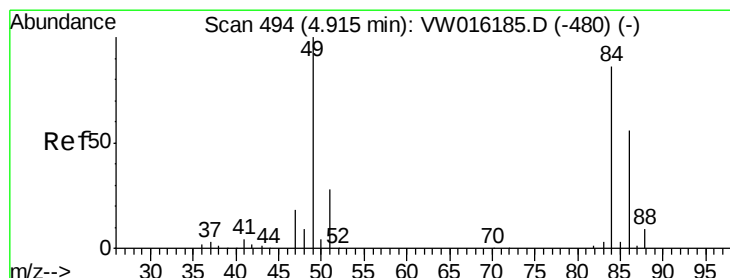
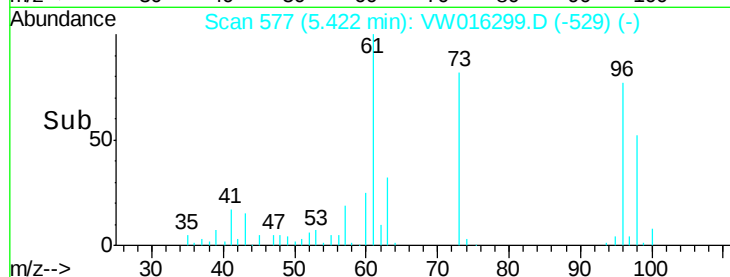
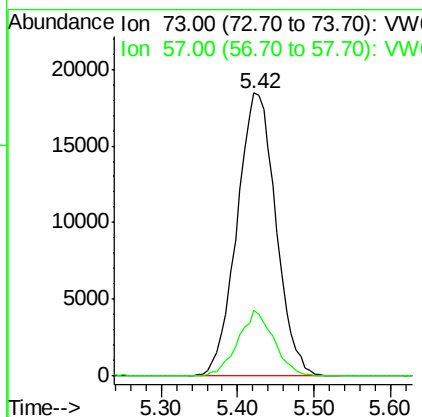
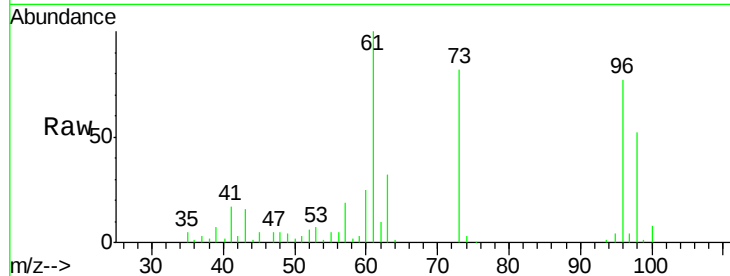
#19
Methvl tert-butvl Ether
Concen: 20.395 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion: 73 Resp: 65135
Ion Ratio Lower Upper
73 100
57 23.2 17.2 25.8

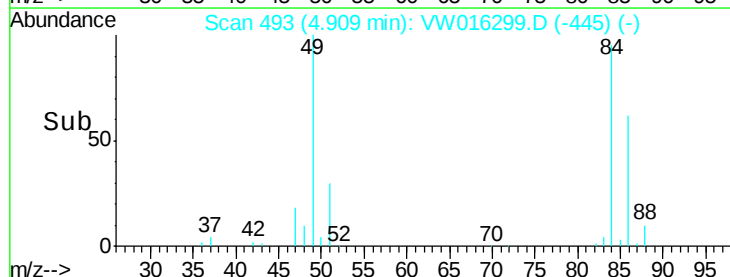
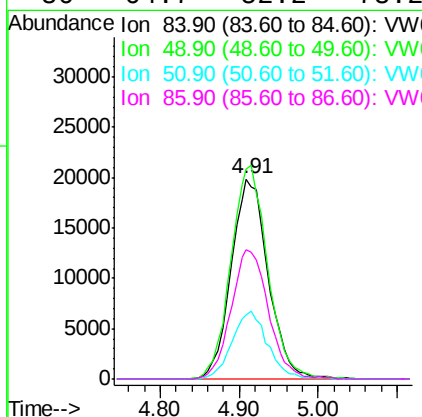
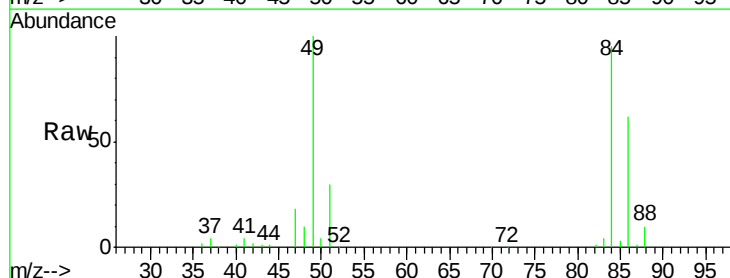
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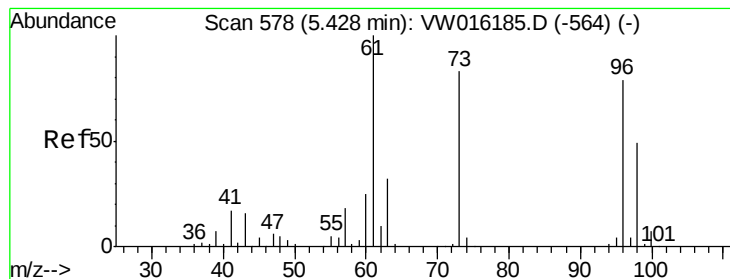
MMDadoda
8/24/2020 4:55:00 PM



#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 84 Resp: 64781
Ion Ratio Lower Upper
84 100
49 105.1 93.4 140.2
51 31.9 26.6 40.0
86 64.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.429 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

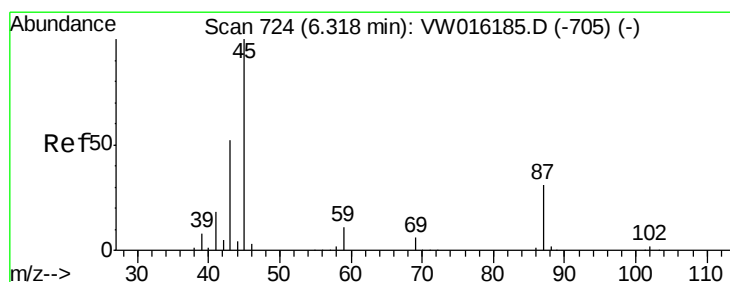
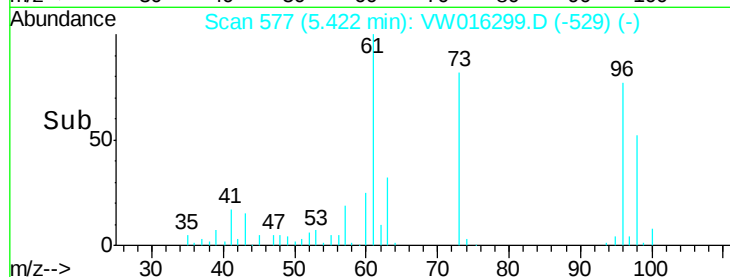
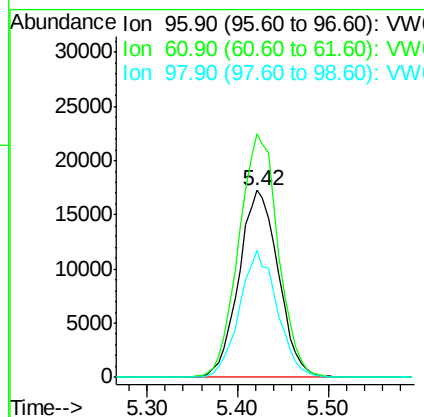
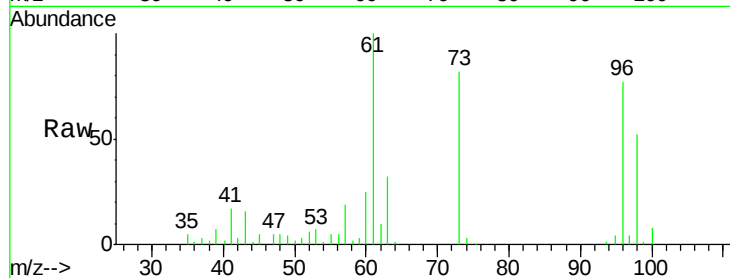
ClientSampleId :

VW0822SBS01

Tot Ion:	96	Resp:	52051
Ion	Ratio	Lower	Upper
96	100		
61	129.8	101.4	152.0
98	67.9	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.002 ug/l

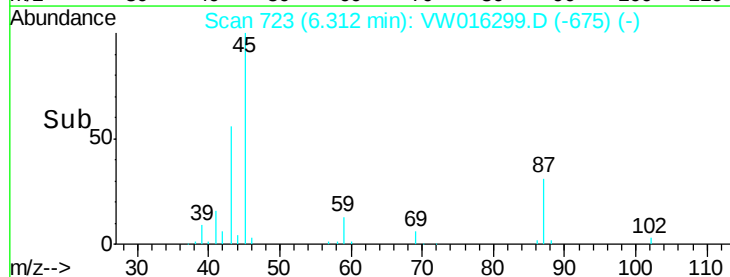
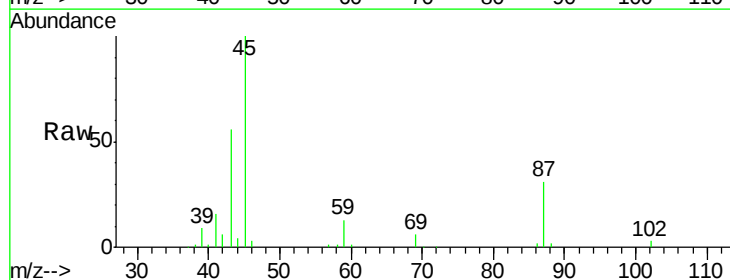
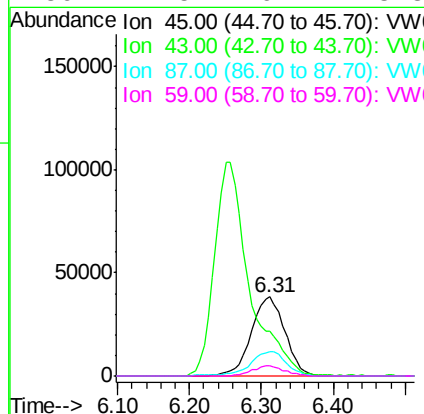
RT: 6.31 min Scan# 723

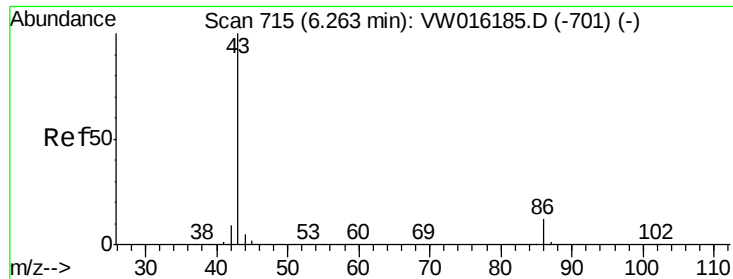
Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion:	45	Resp:	124484
Ion	Ratio	Lower	Upper
45	100		
43	55.4	41.7	62.5
87	31.4	25.0	37.6
59	12.5	9.2	13.8





#23

Vinyl Acetate

Concen: 93.042 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 43 Resp: 349021

Ion Ratio Lower Upper

43 100

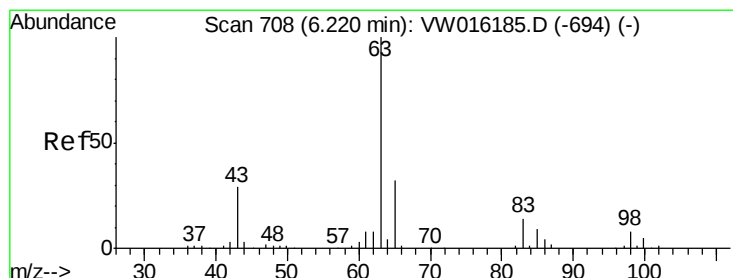
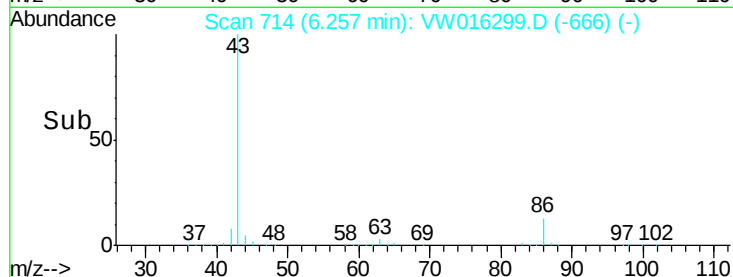
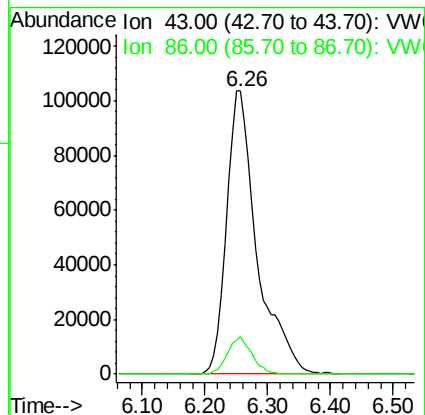
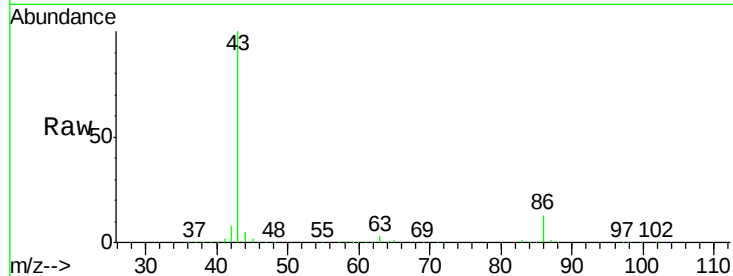
86 13.2 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.206 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

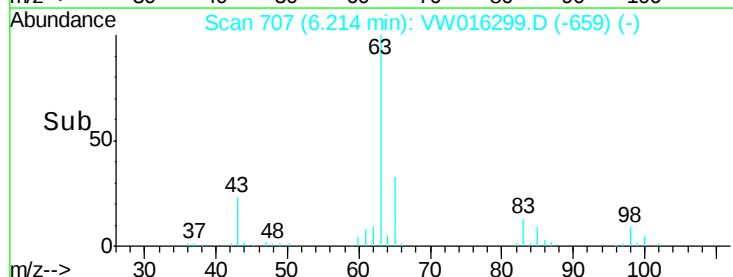
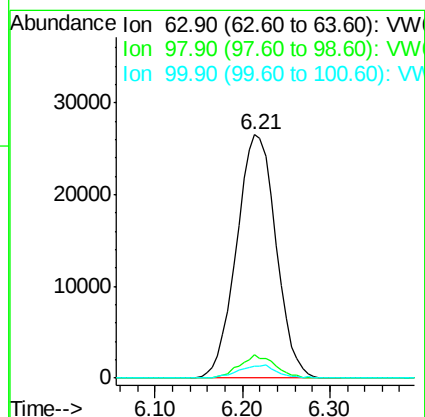
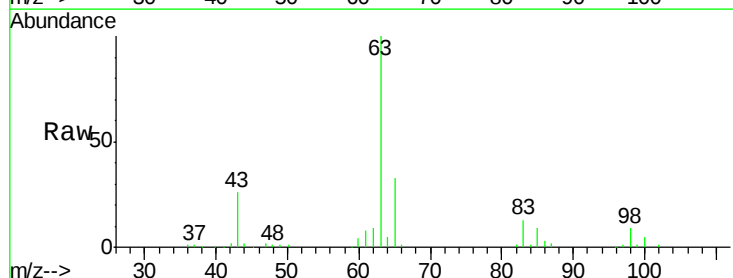
Tgt Ion: 63 Resp: 83243

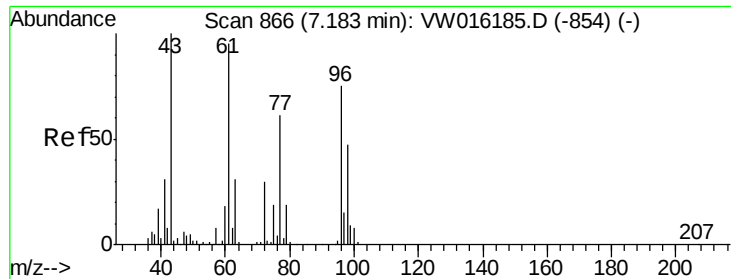
Ion Ratio Lower Upper

63 100

98 9.4 3.9 11.7

100 4.9 2.6 8.0





#25

2-Butanone

Concen: 84.641 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 43 Resp: 50203

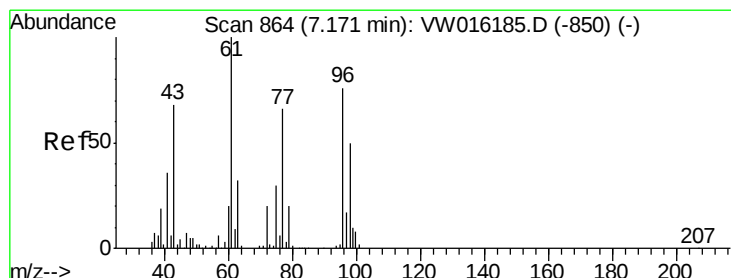
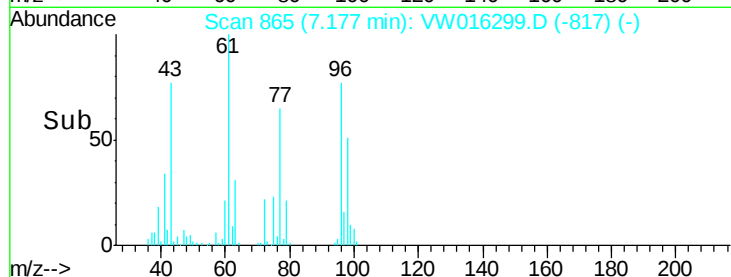
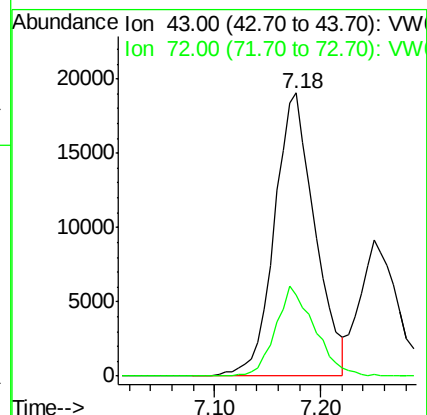
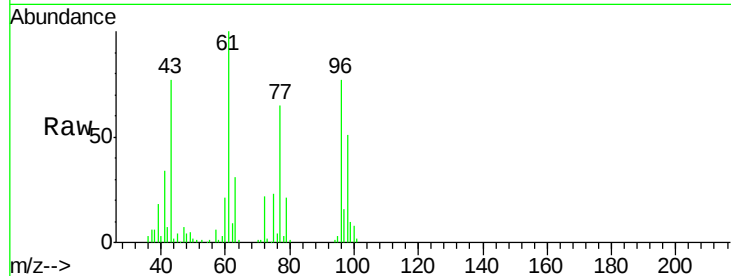
Ion Ratio Lower Upper

43 100

72 28.8 24.2 36.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.144 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016299.D

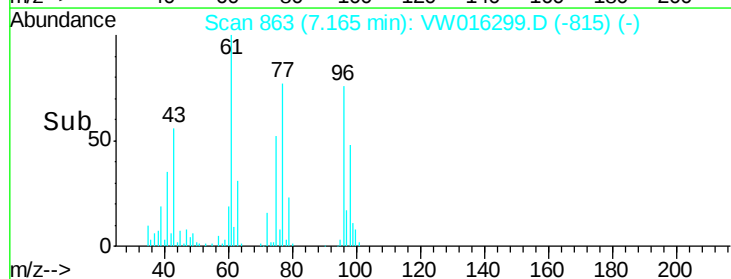
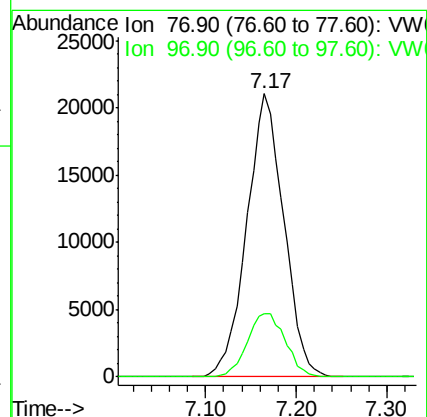
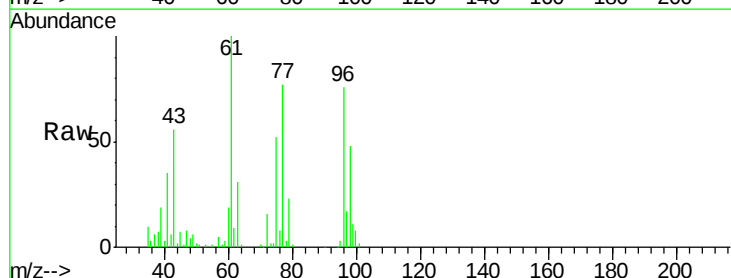
Acq: 21 Aug 2020 12:25

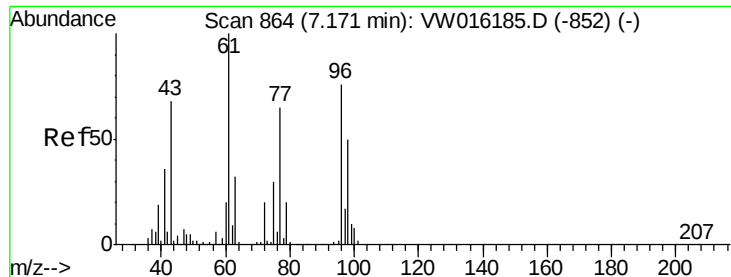
Tgt Ion: 77 Resp: 59497

Ion Ratio Lower Upper

77 100

97 22.9 12.1 36.3





#27

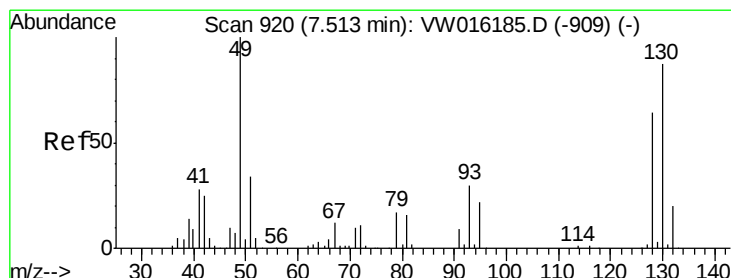
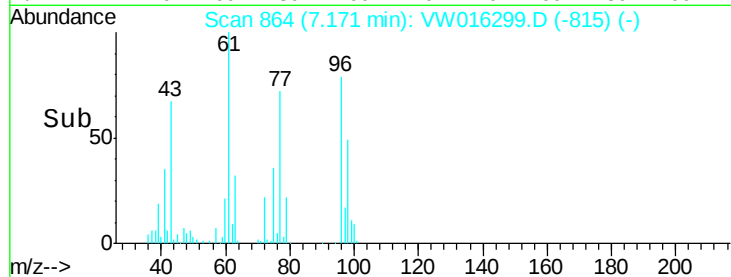
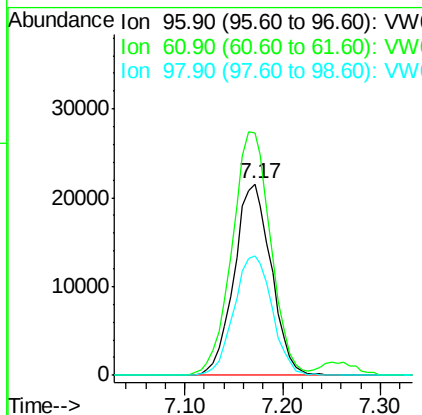
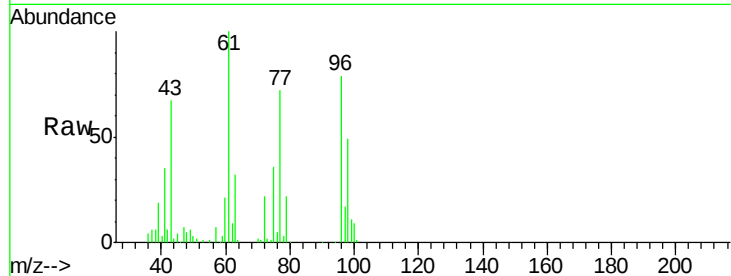
cis-1,2-Dichloroethene
Concen: 19.514 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	267.0
98	63.8	0.0	129.6

Manual Integrations
APPROVED

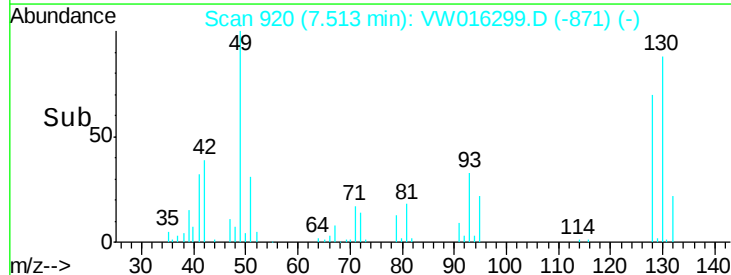
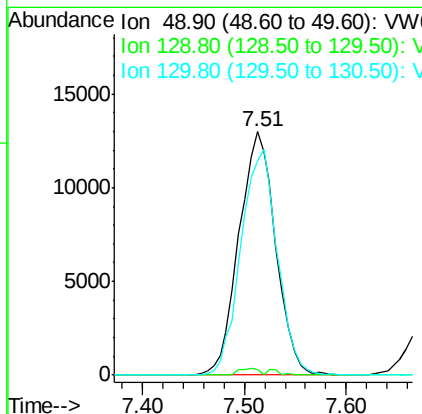
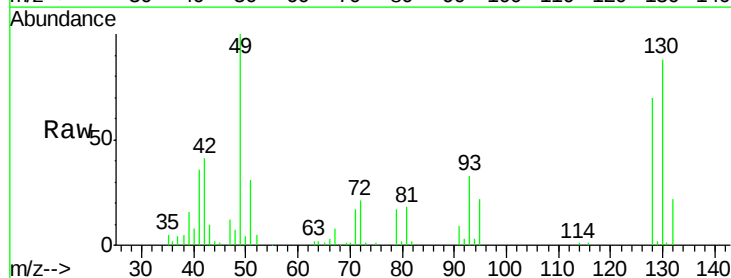
MMDadoda
8/24/2020 4:55:00 PM

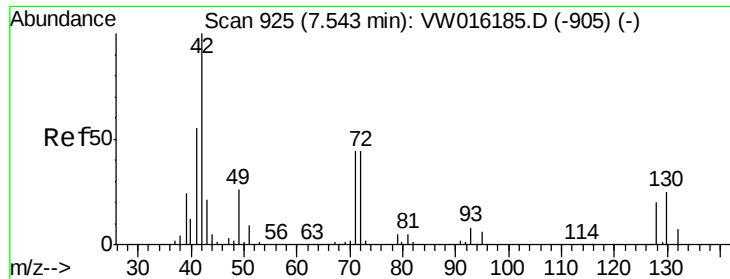


#28

Bromochloromethane
Concen: 18.696 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.2
130	92.2	69.9	104.9





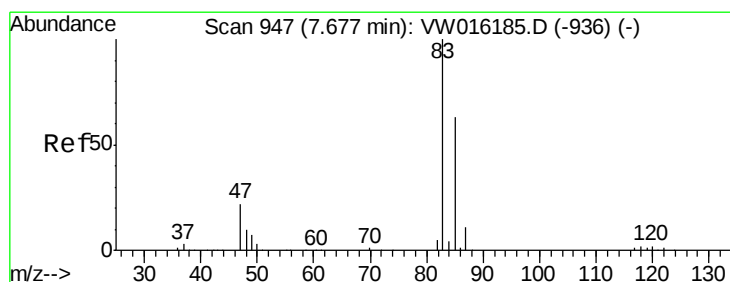
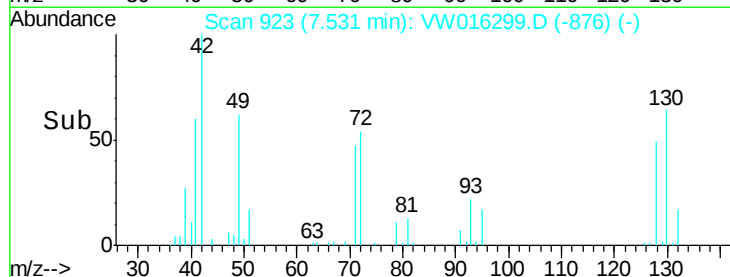
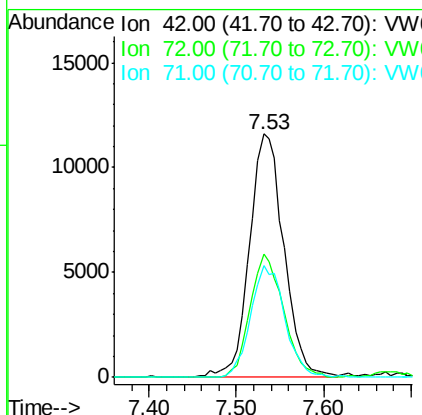
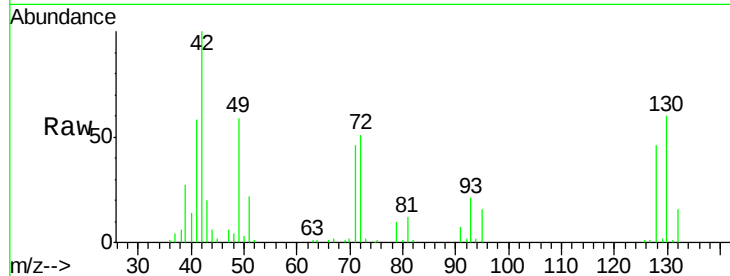
#29
Tetrahydrofuran
Concen: 89.110 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	37.4	56.2
71	45.5	35.6	53.4

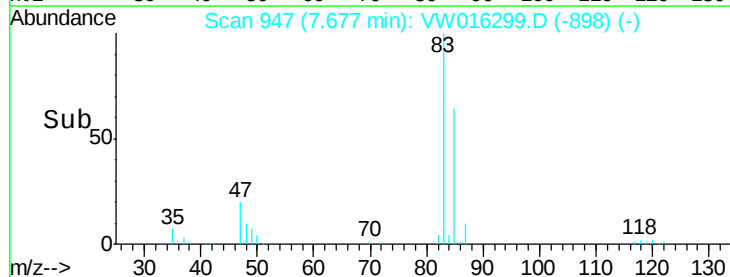
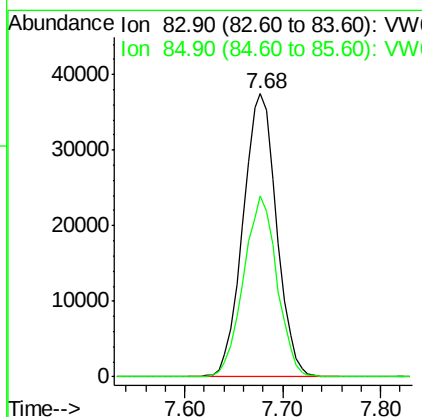
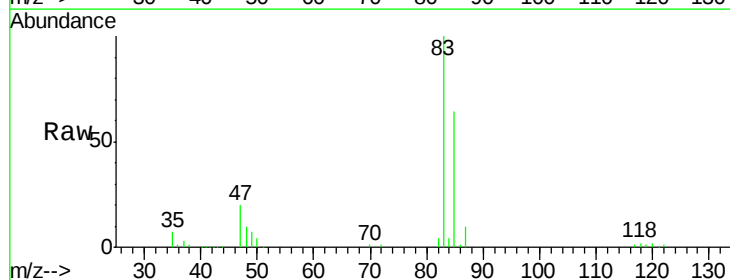
Manual Integrations
APPROVED

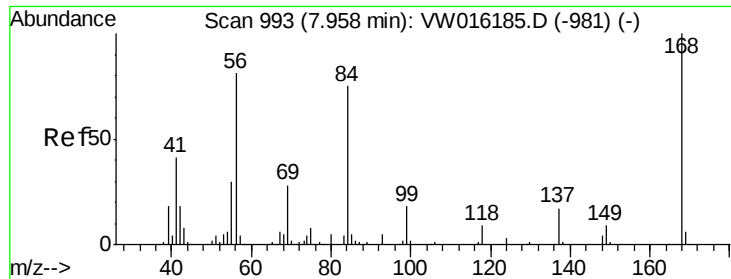
MMDadoda
8/24/2020 4:55:00 PM



#30
Chloroform
Concen: 18.767 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.0	75.0





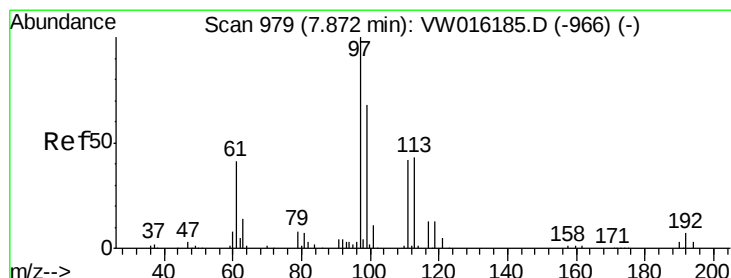
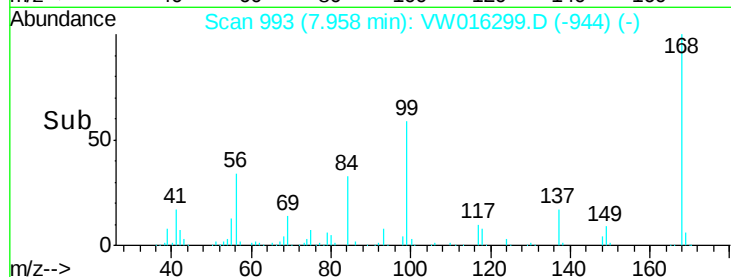
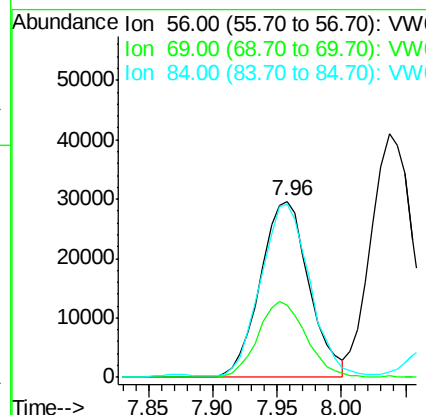
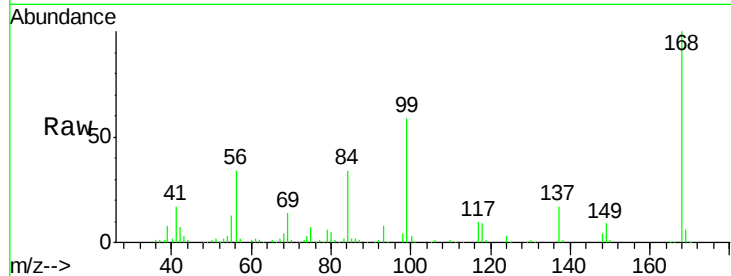
#31
Cyclohexane
Concen: 18.458 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.9	27.3	40.9
84	97.5	73.5	110.3

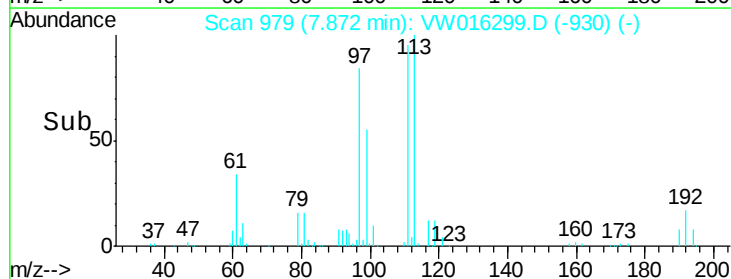
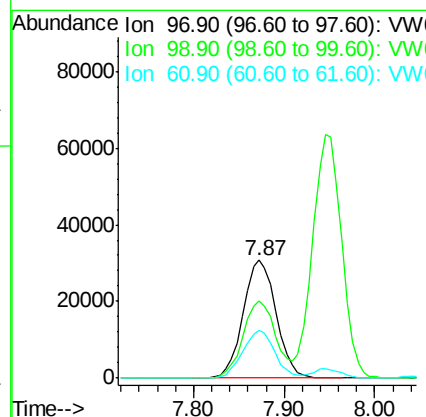
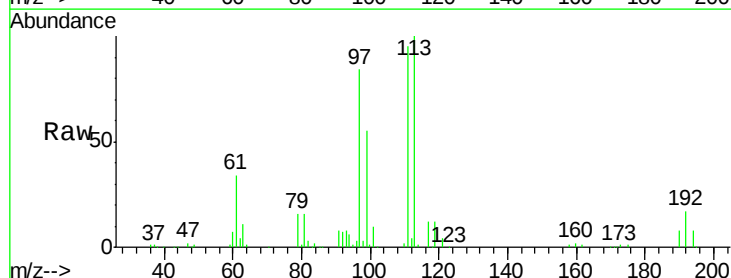
Manual Integrations
APPROVED

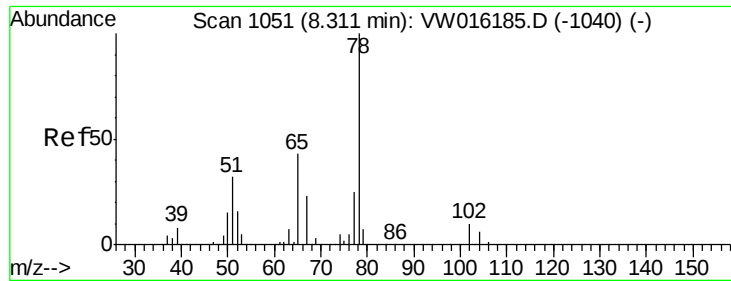
MMDadoda
8/24/2020 4:55:00 PM



#32
1,1,1-Trichloroethane
Concen: 19.413 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.3	76.9
61	39.5	33.2	49.8





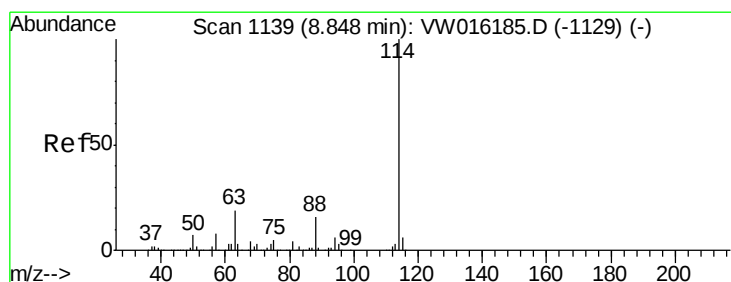
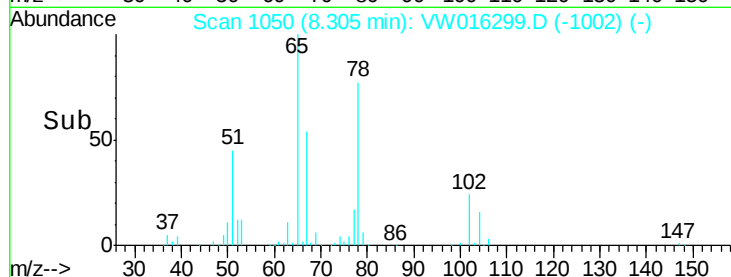
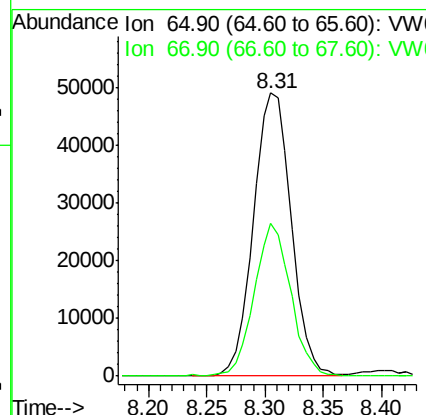
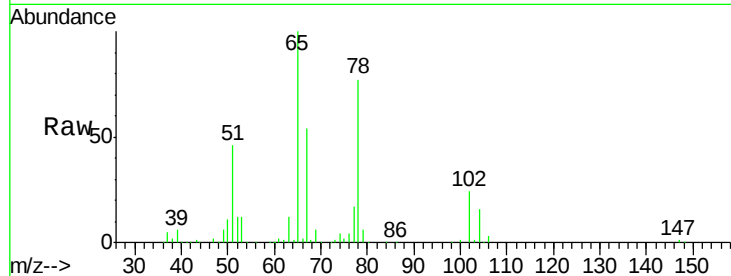
#33
 1,2-Dichloroethane-d4
 Concen: 48.096 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111114		
67	52.0	0.0	105.6	

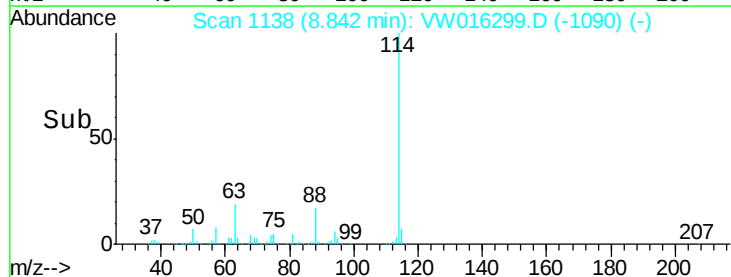
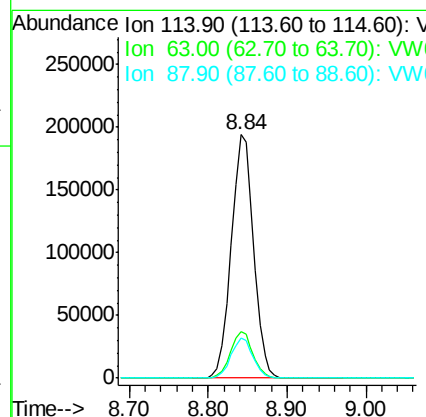
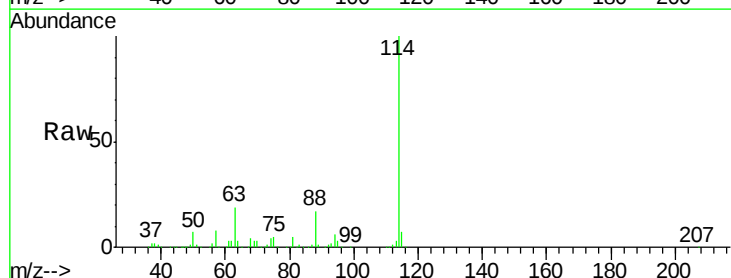
Manual Integrations
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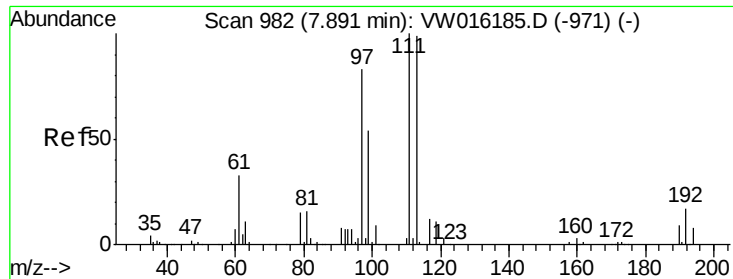
MMDadoda
 8/24/2020 4:55:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381298		
63	19.0	0.0	38.4	
88	16.5	0.0	32.8	





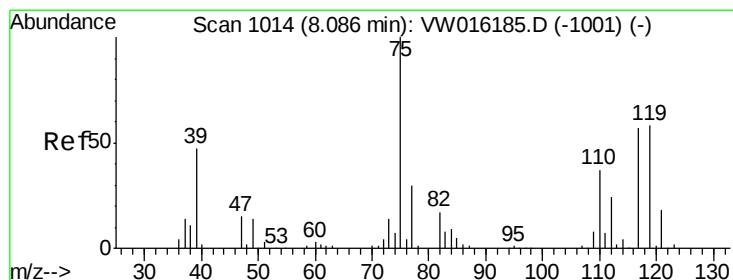
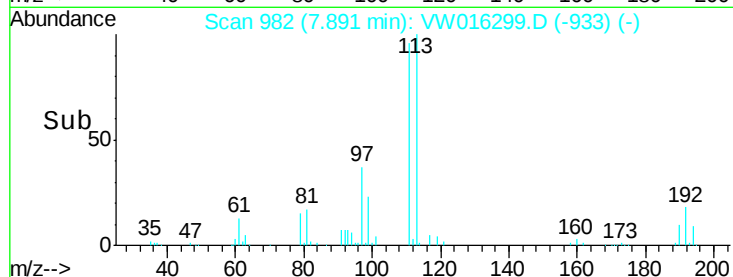
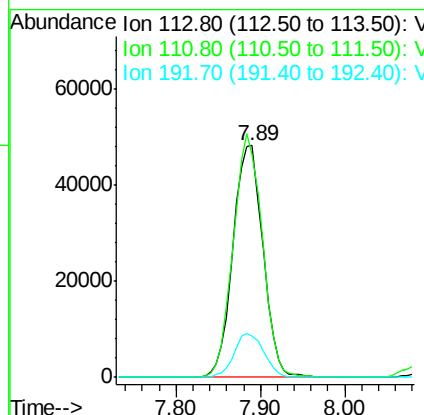
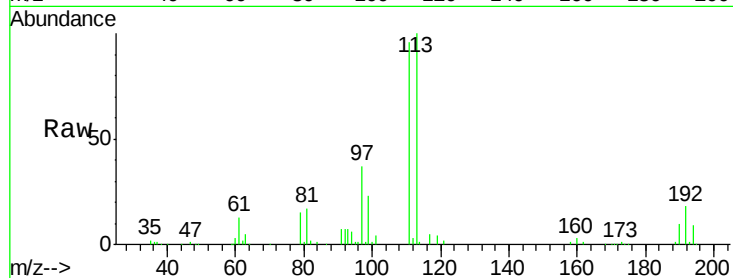
#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116104		
111	102.0	83.5	125.3	
192	18.9	14.3	21.5	

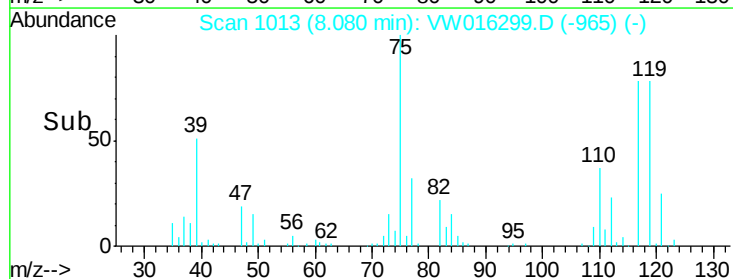
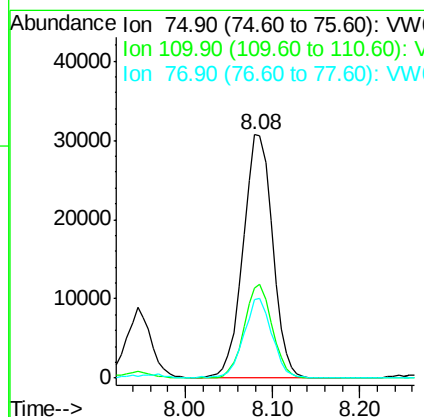
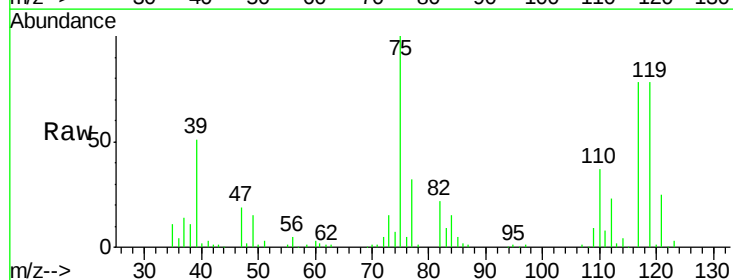
Manual Integrations
APPROVED

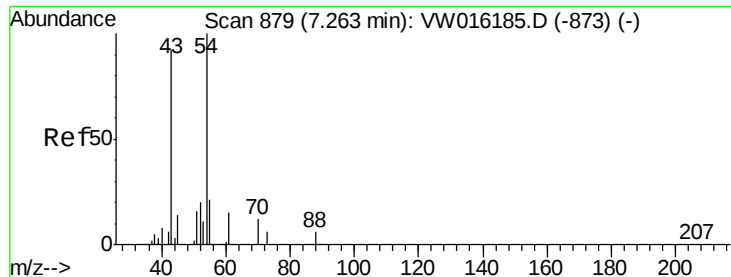
MMDadoda
8/24/2020 4:55:00 PM



#36
1,1-Dichloropropene
Concen: 19.240 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72273		
110	36.3	18.1	54.3	
77	31.4	24.7	37.1	





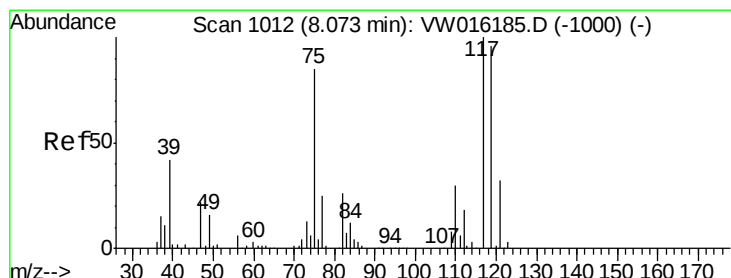
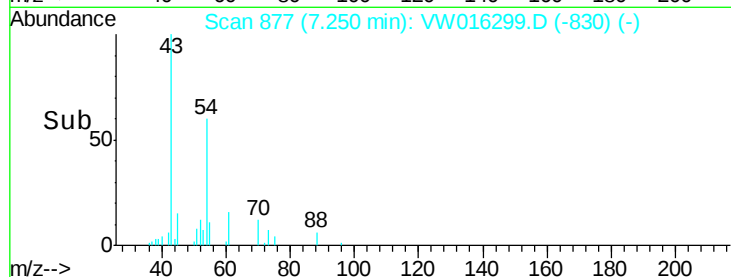
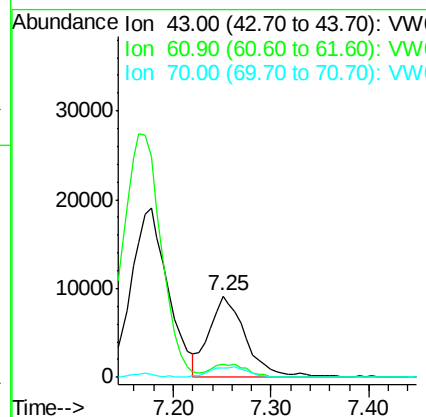
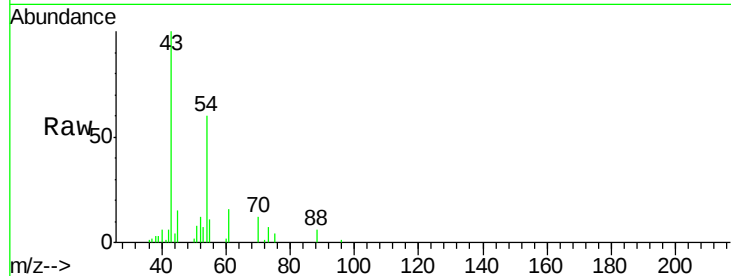
#37
Ethyl Acetate
Concen: 18.483 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.6	18.8
70	13.6	9.8	14.8

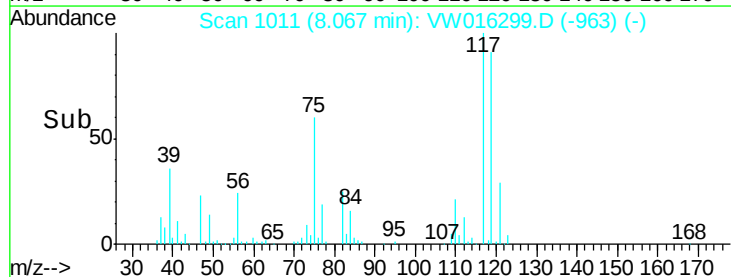
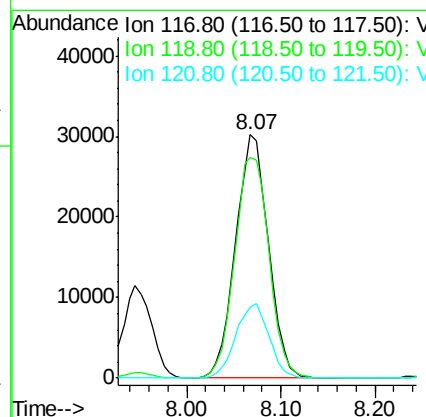
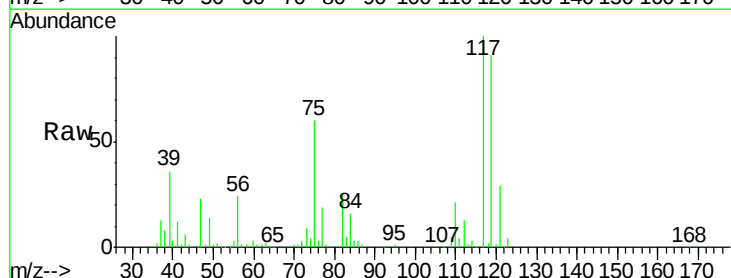
Manual Integrations
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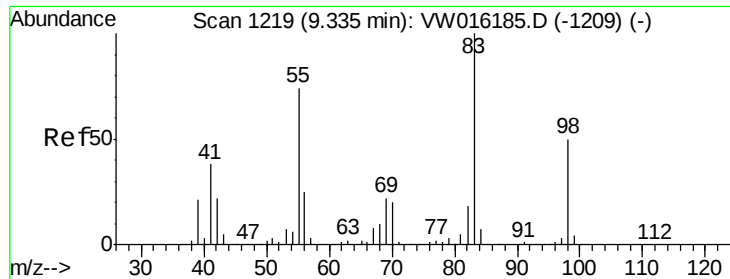
MMDadoda
8/24/2020 4:55:00 PM



#38
Carbon Tetrachloride
Concen: 19.596 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.6	115.0
121	28.9	25.4	38.0





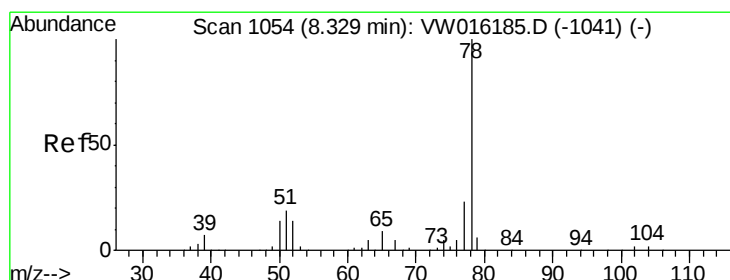
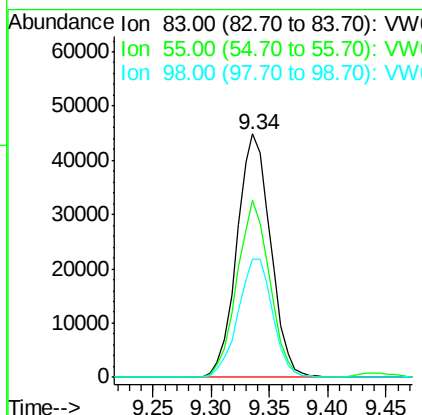
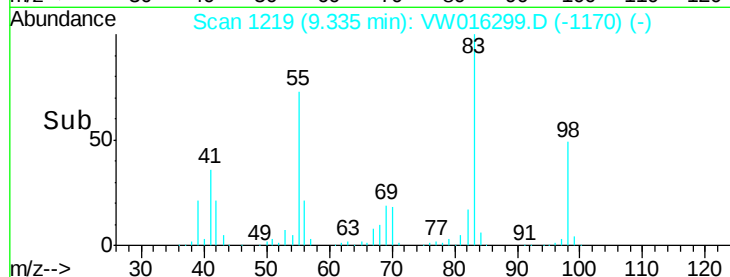
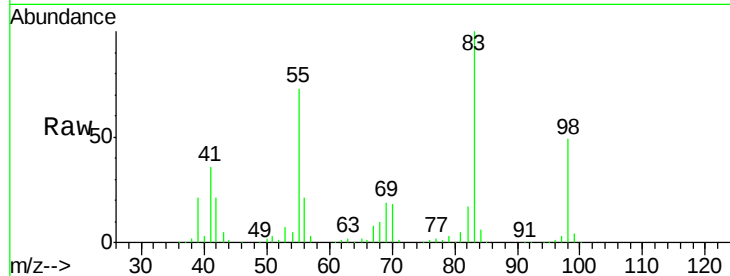
#39
Methvlcvclohexane
Concen: 19.965 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.7	59.2	88.8	
98	48.8	40.2	60.2	

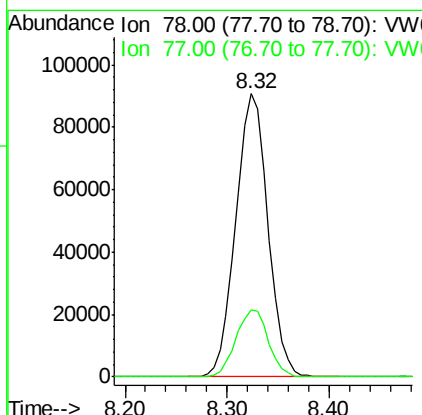
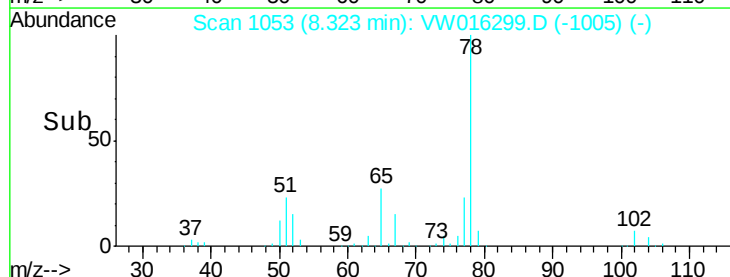
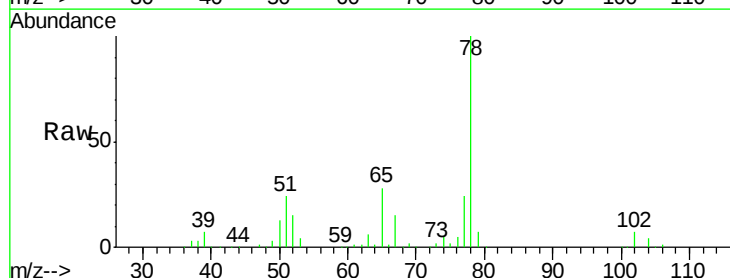
Manual Integrations
APPROVED

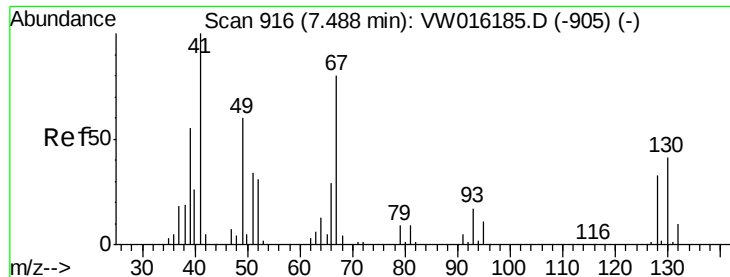
MMDadoda
8/24/2020 4:55:00 PM



#40
Benzene
Concen: 18.760 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.6	28.0	





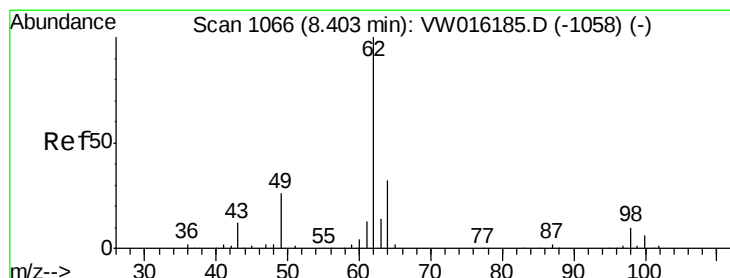
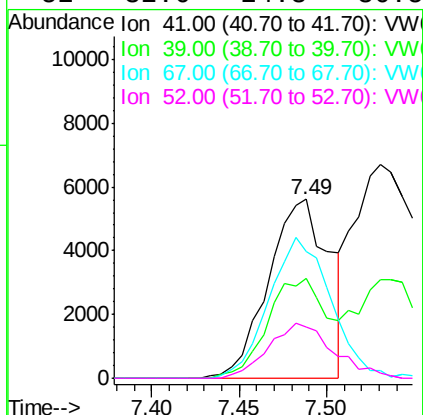
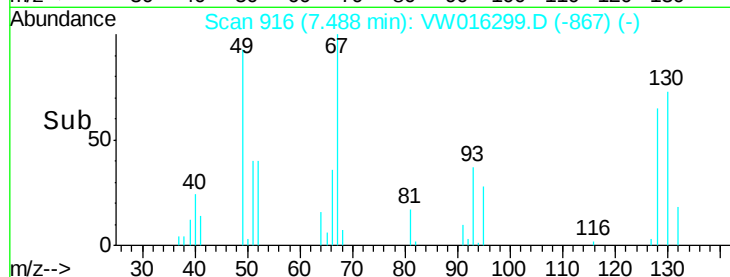
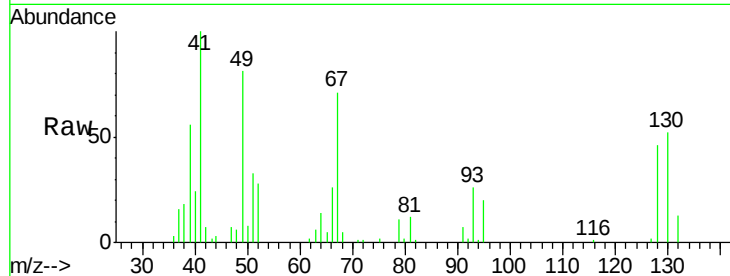
#41
Methacrylonitrile
Concen: 18.550 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	41	Resp	13635
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.4	65.2
67	80.4	61.5	92.3
52	32.6	24.3	36.5

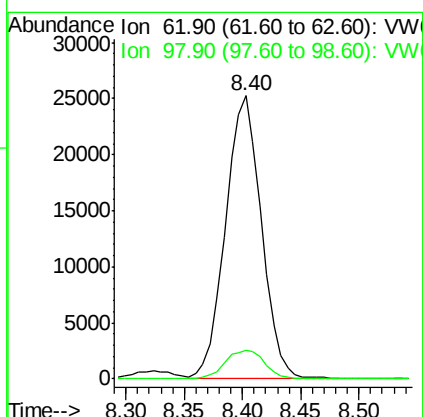
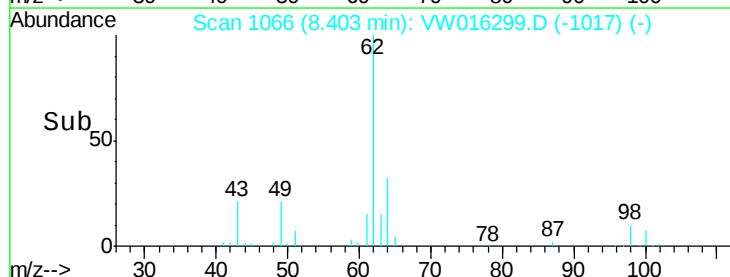
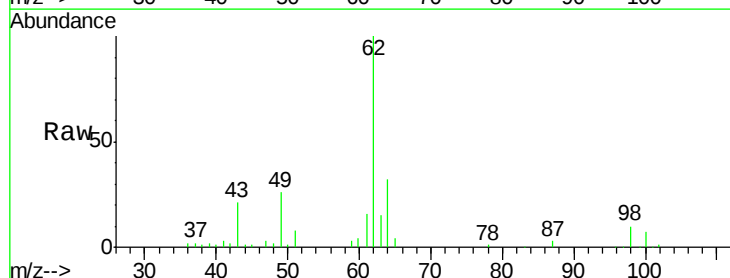
Manual Integrations
APPROVED

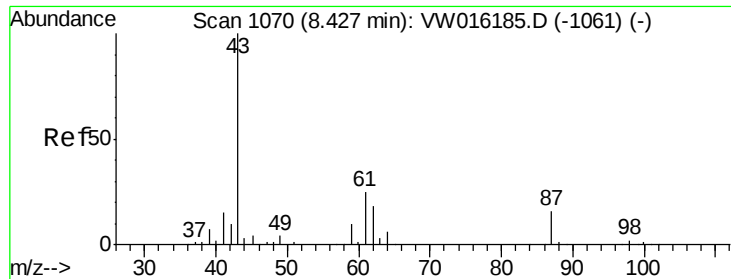
MMDadoda
8/24/2020 4:55:00 PM



#42
1,2-Dichloroethane
Concen: 19.397 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	62	Resp	54135
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.8





#43

Isopropyl Acetate

Concen: 18.613 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

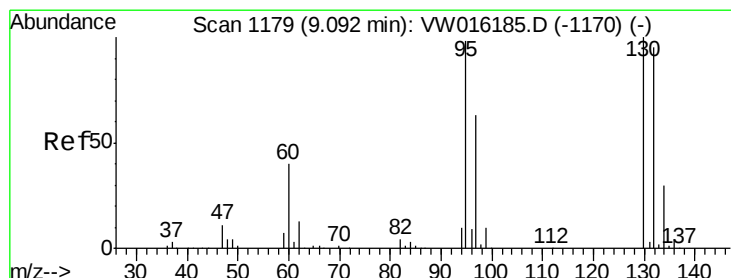
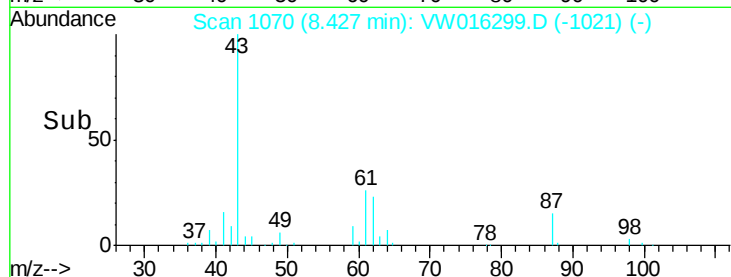
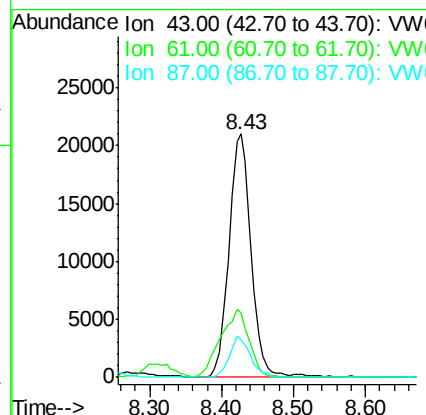
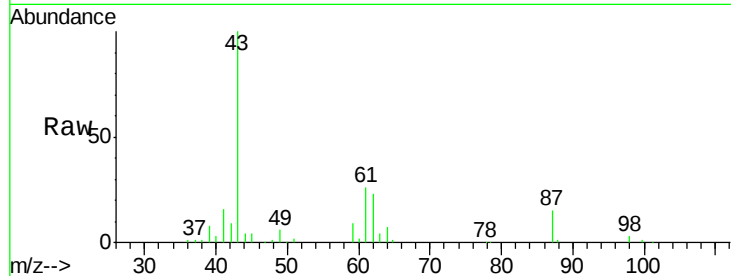
ClientSampleId :

VW0822SBS01

Tot Ion:	43	Resp:	45099
Ion	Ratio	Lower	Upper
43	100		
61	35.8	26.9	40.3
87	15.8	12.0	18.0

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#44

Trichloroethene

Concen: 18.886 ug/l

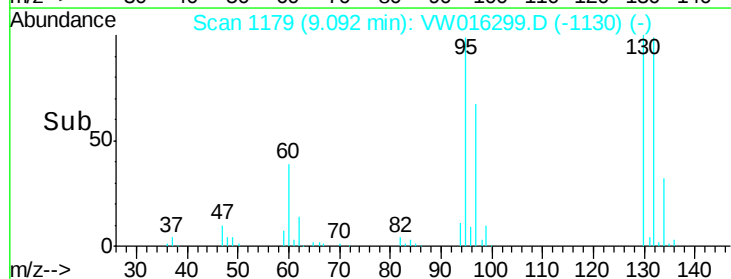
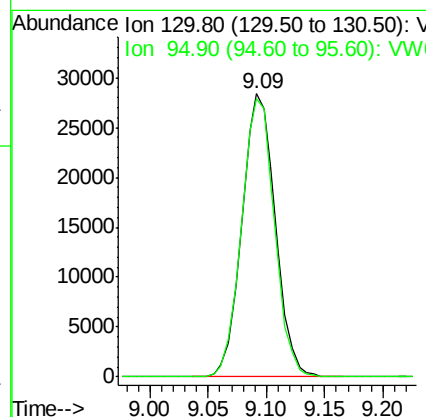
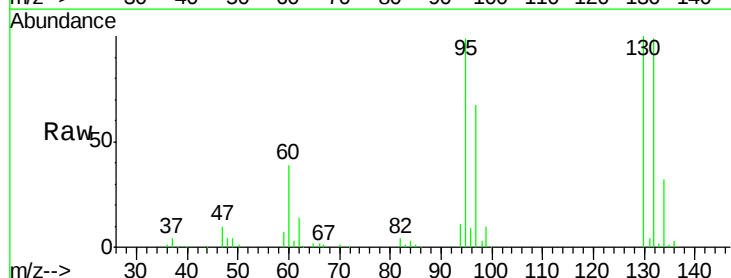
RT: 9.09 min Scan# 1179

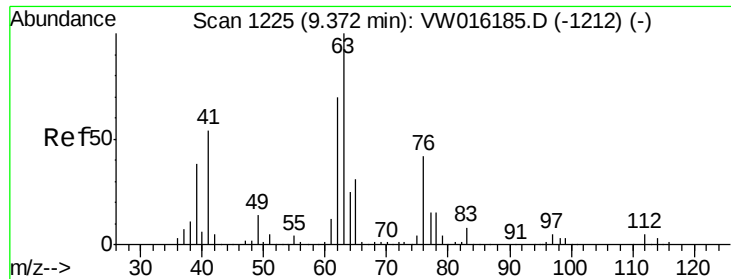
Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion:	130	Resp:	56524
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	196.4





#45

1,2-Dichloropropane

Concen: 18.610 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampled :

VW0822SBS01

Tot Ion: 63 Resp: 46358

Ion Ratio Lower Upper

63 100

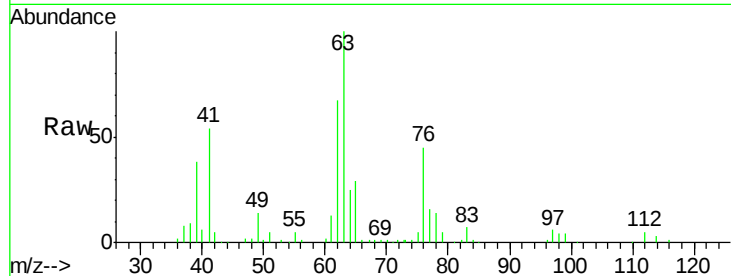
65 29.2 25.0 37.6

Manual Integrations

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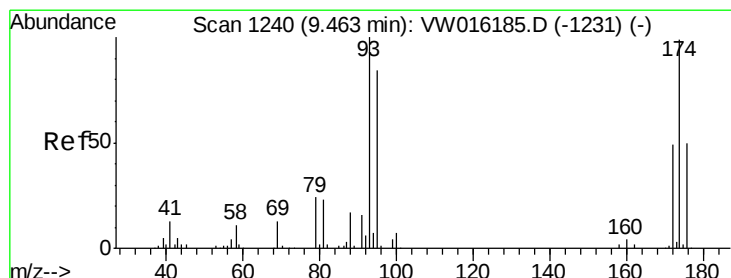
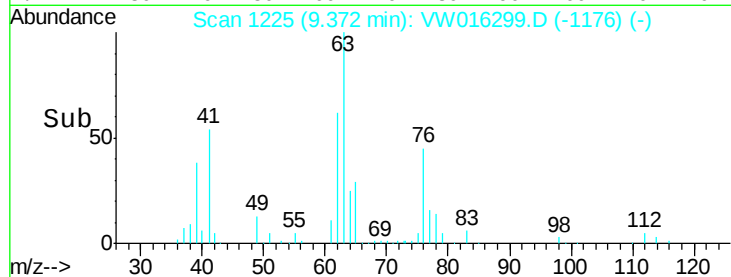
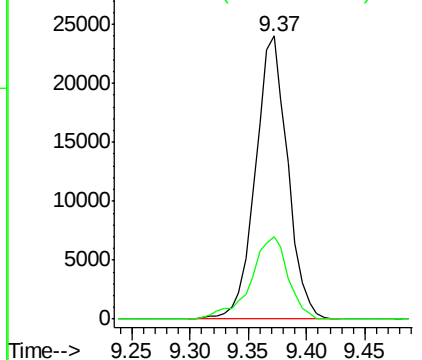
MMDadoda

8/24/2020 4:55:00 PM



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 18.716 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

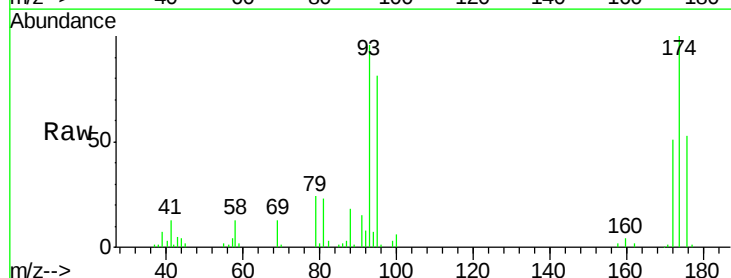
Tgt Ion: 93 Resp: 24476

Ion Ratio Lower Upper

93 100

95 86.2 65.9 98.9

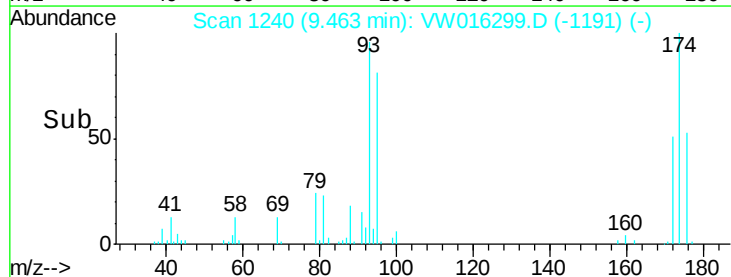
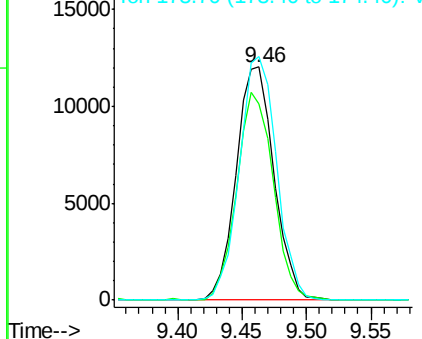
174 102.8 77.0 115.6

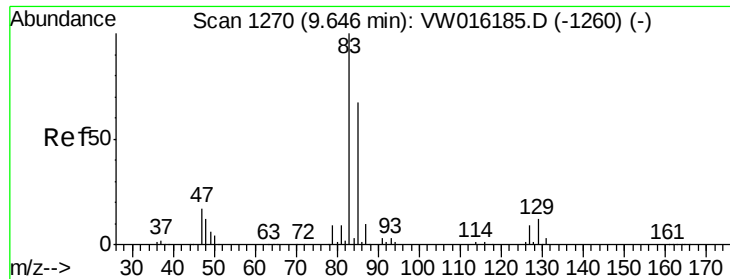


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





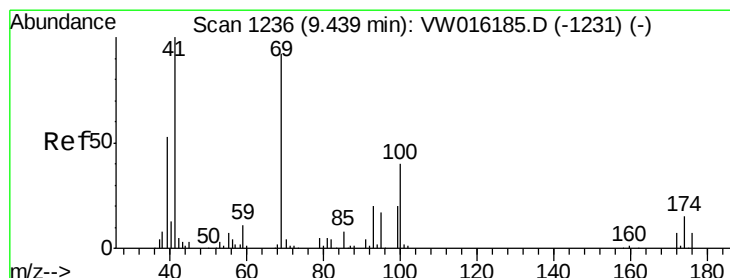
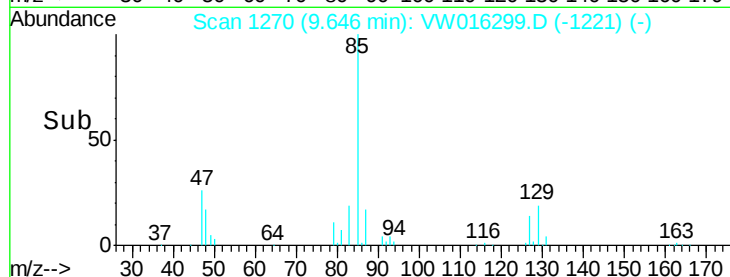
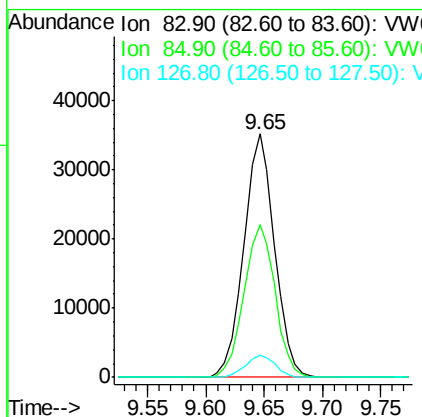
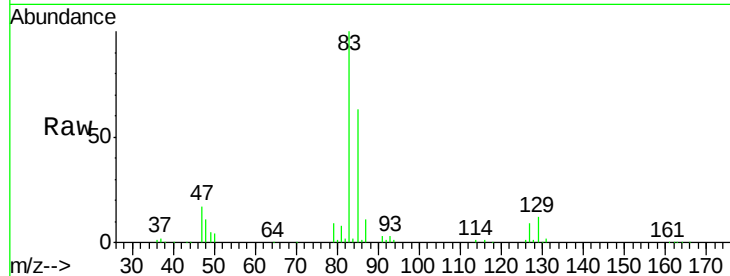
#47
Bromodichloromethane
Concen: 19.175 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion:	83	Resp:	64790
Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.3	79.9
127	9.0	7.4	11.2

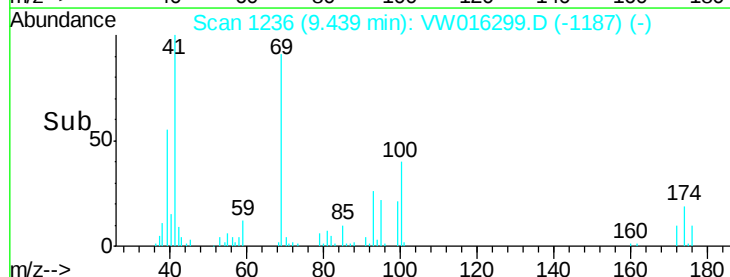
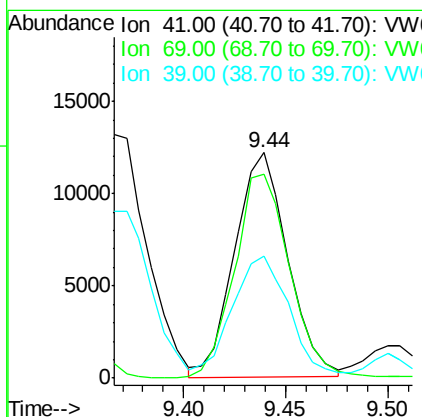
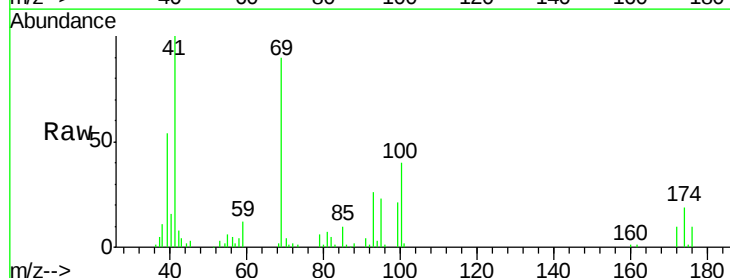
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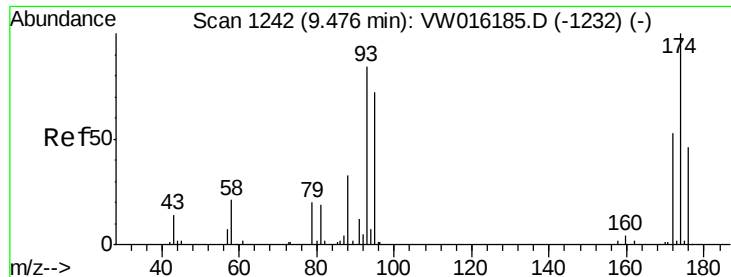
MMDadoda
8/24/2020 4:55:00 PM



#48
Methyl methacrylate
Concen: 19.552 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion:	41	Resp:	22023
Ion	Ratio	Lower	Upper
41	100		
69	95.5	77.4	116.0
39	53.6	42.2	63.2





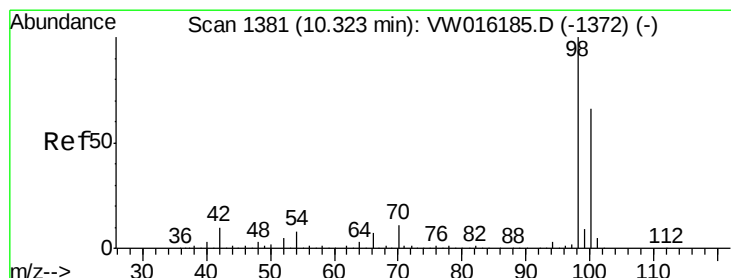
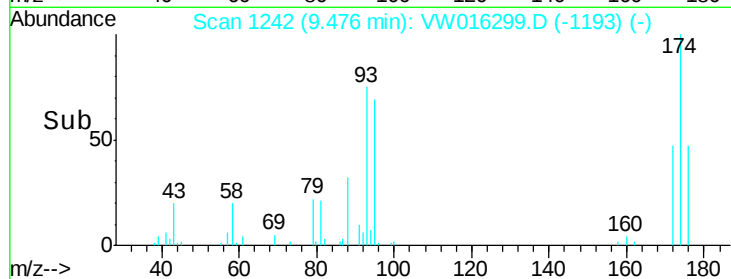
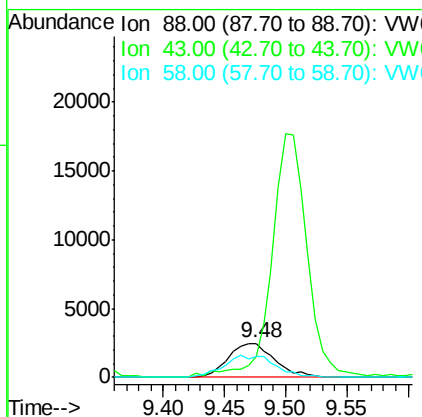
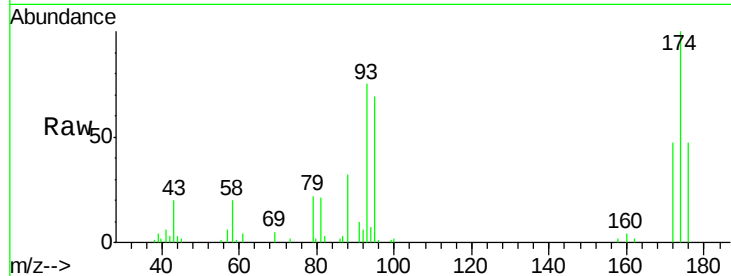
#49
1,4-Dioxane
Concen: 393.381 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	88	Resp	6478
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.1	56.6	84.8

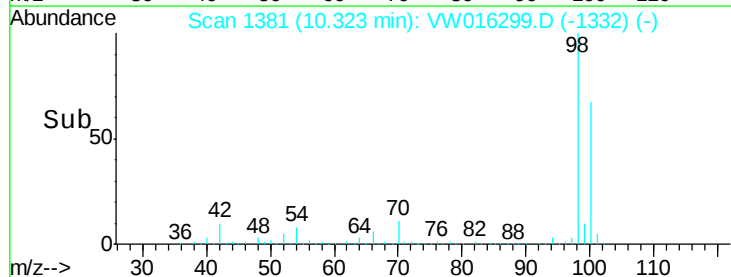
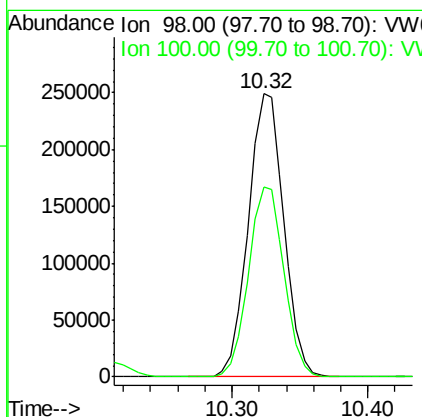
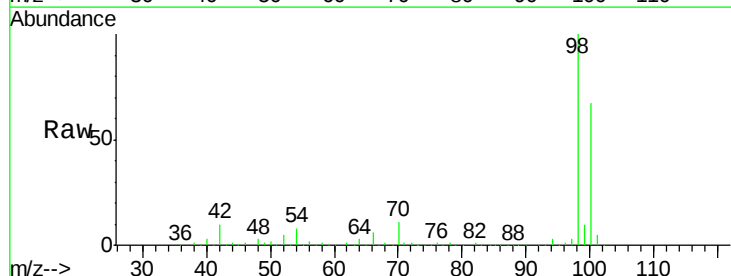
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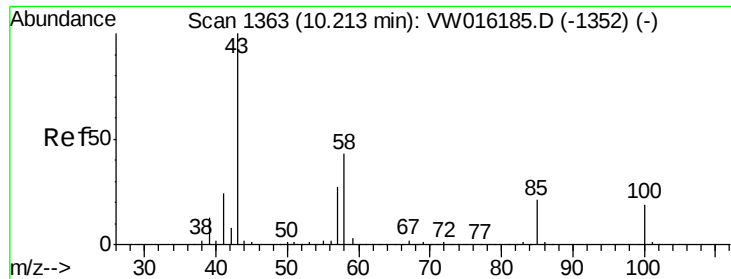
MMDadoda
8/24/2020 4:55:00 PM



#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	98	Resp	455889
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 91.218 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 43 Resp: 111784

Ion Ratio Lower Upper

43 100

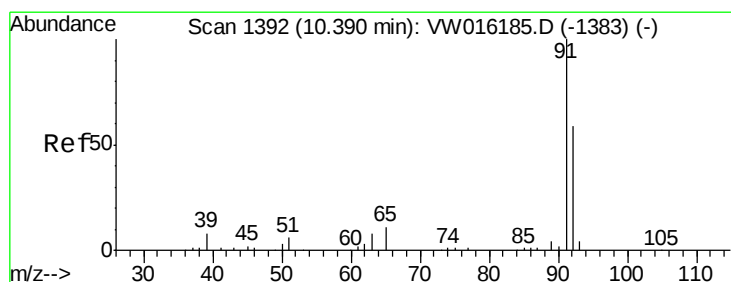
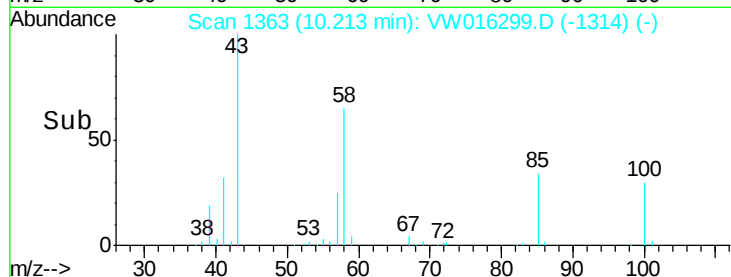
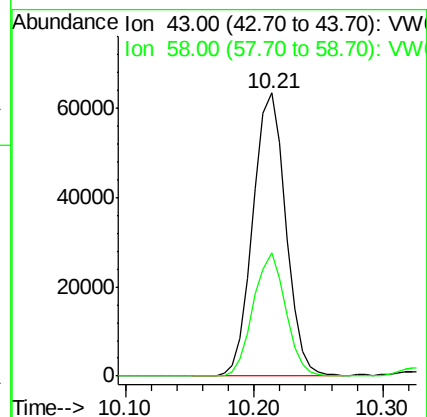
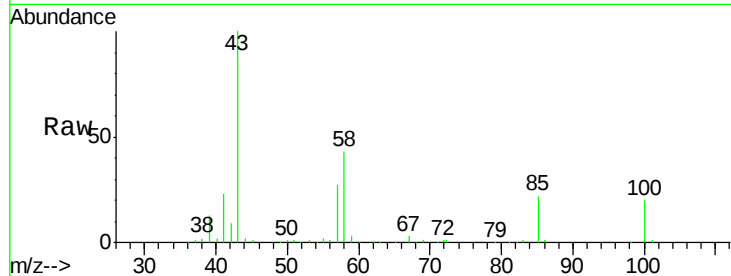
58 42.7 33.7 50.5

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#52

Toluene

Concen: 19.510 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016299.D

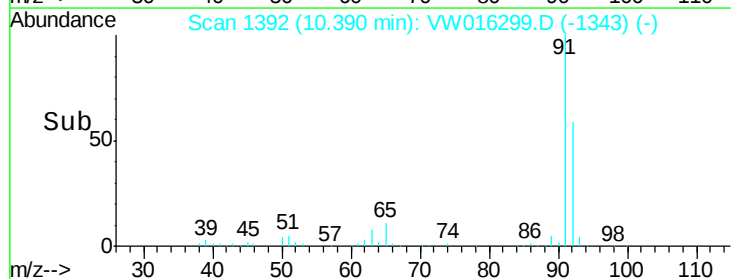
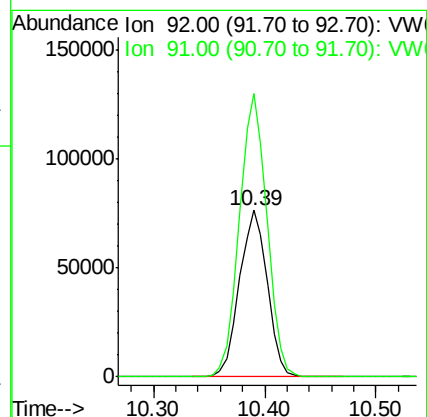
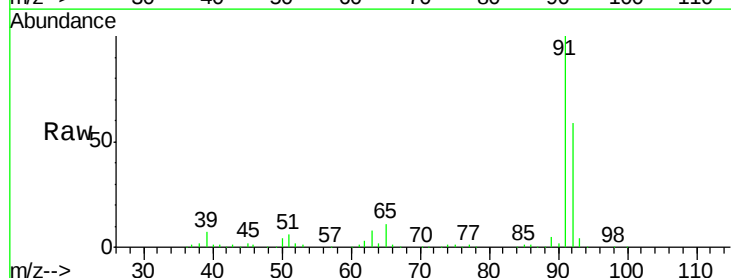
Acq: 21 Aug 2020 12:25

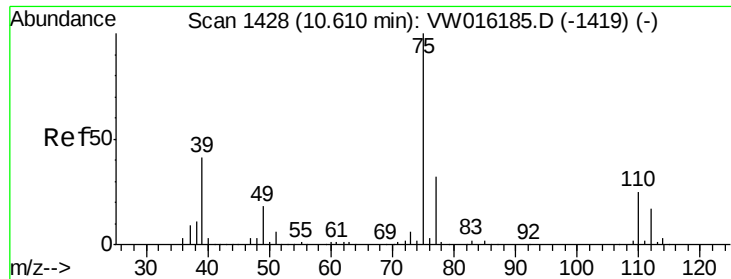
Tgt Ion: 92 Resp: 132017

Ion Ratio Lower Upper

92 100

91 167.9 133.3 199.9





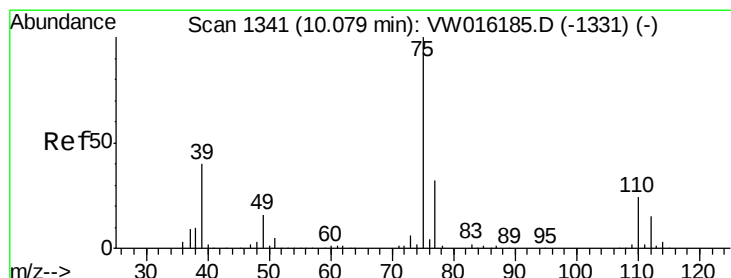
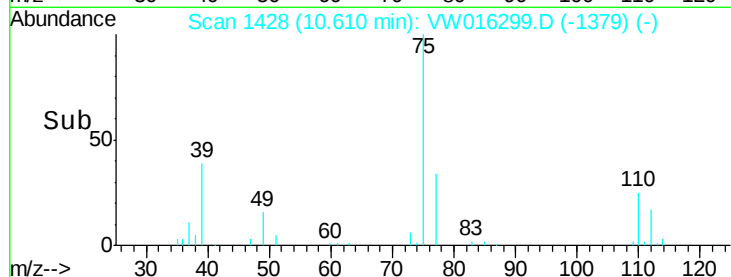
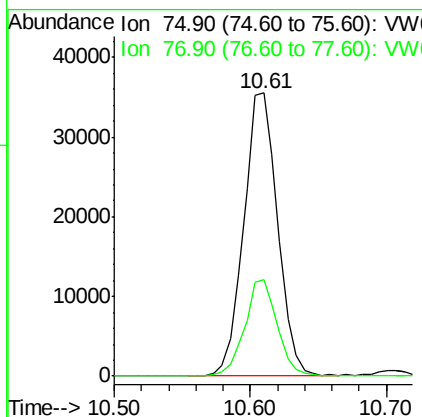
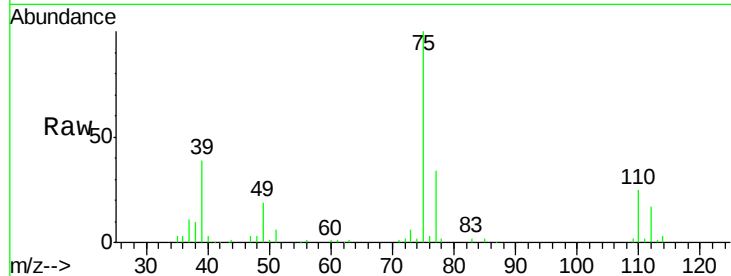
#53
t-1,3-Dichloropropene
Concen: 19.801 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.6	38.4

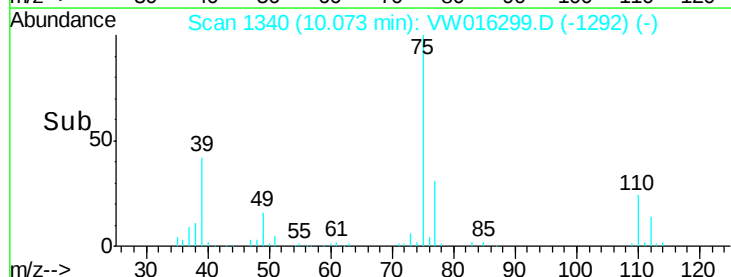
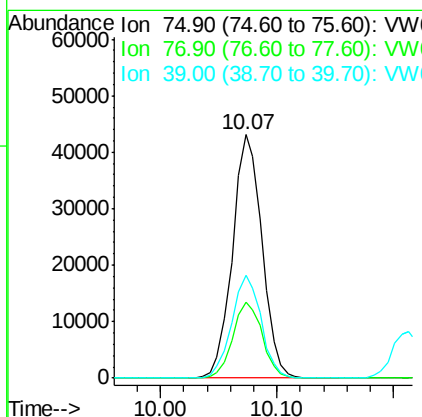
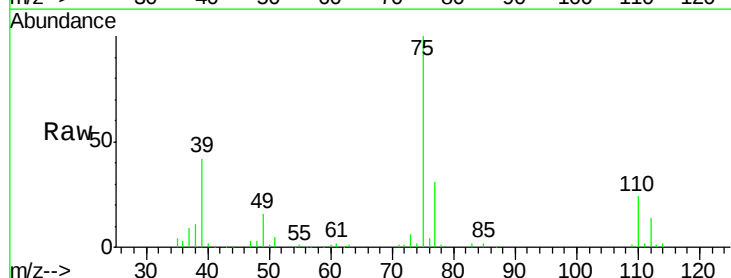
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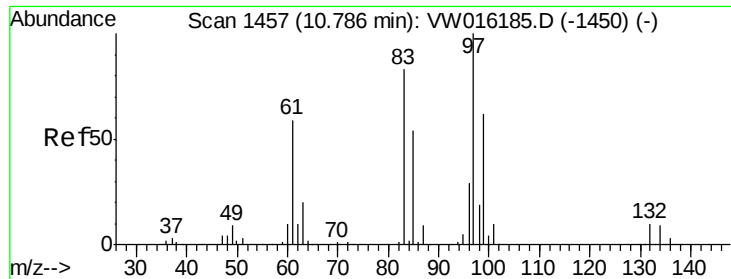
MMDadoda
8/24/2020 4:55:00 PM



#54
cis-1,3-Dichloropropene
Concen: 19.509 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	42.1	32.3	48.5





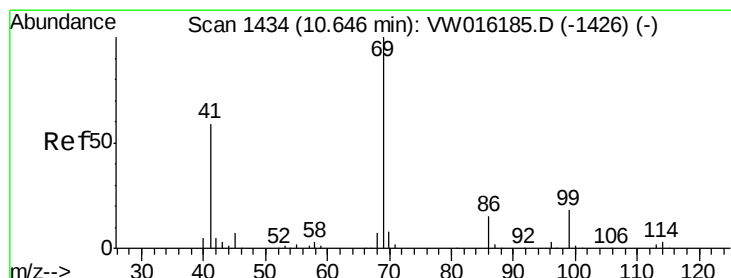
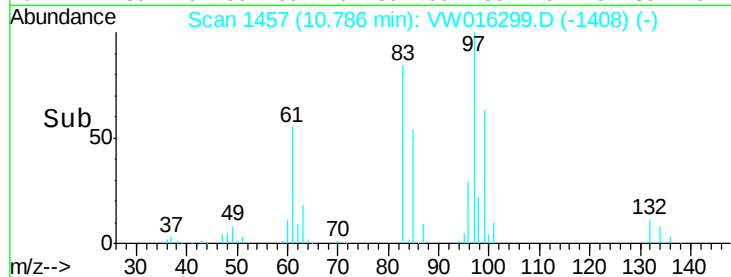
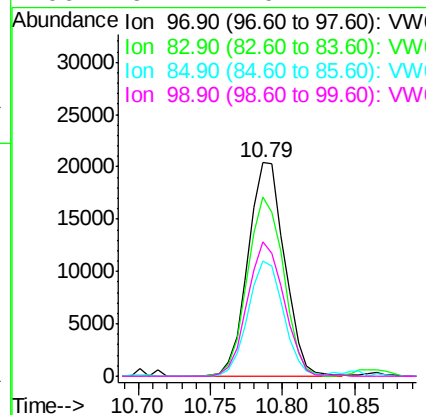
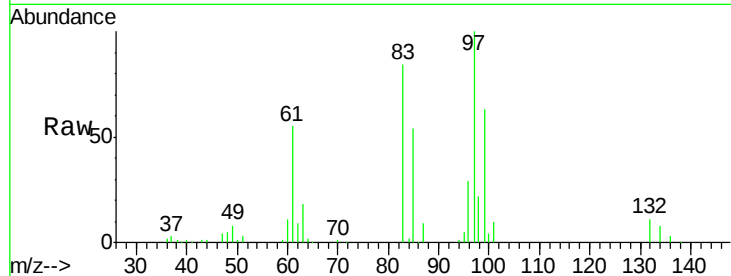
#55
 1,1,2-Trichloroethane
 Concen: 19.107 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		35854		
83	83.7	66.6	100.0		
85	53.8	43.0	64.4		
99	62.7	49.4	74.2		

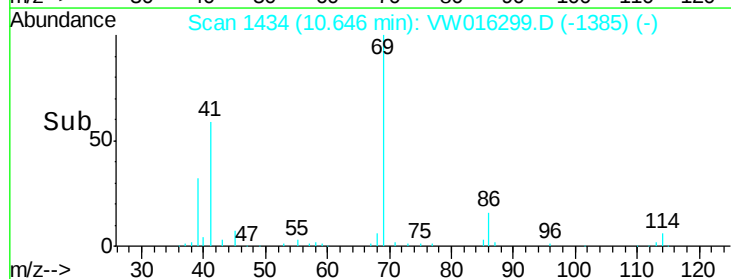
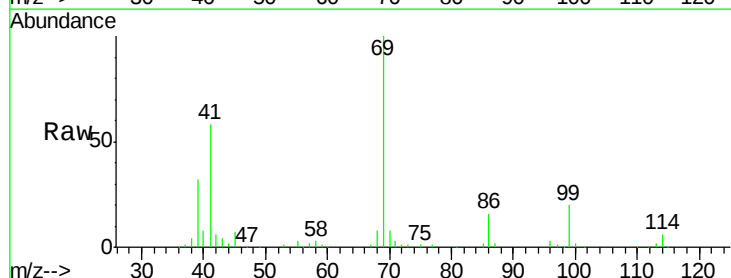
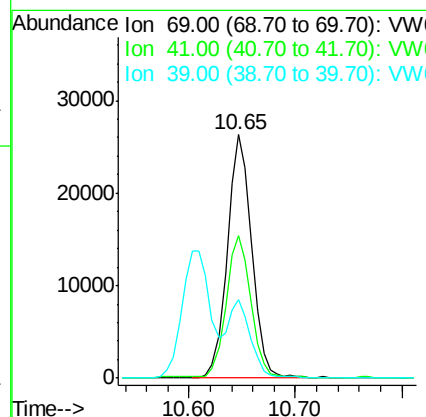
Manual Integrations
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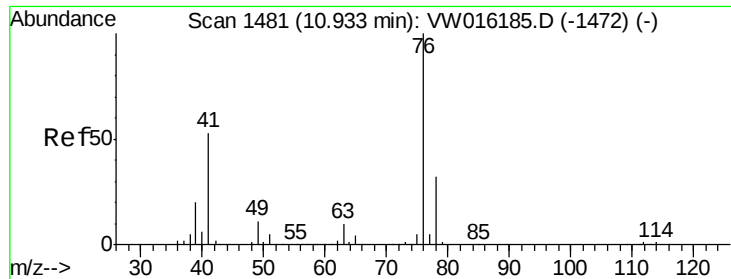
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 8/24/2020 4:55:00 PM



#56
 Ethyl methacrylate
 Concen: 19.662 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		42075		
41	57.3	47.6	71.4		
39	30.7	24.6	36.8		





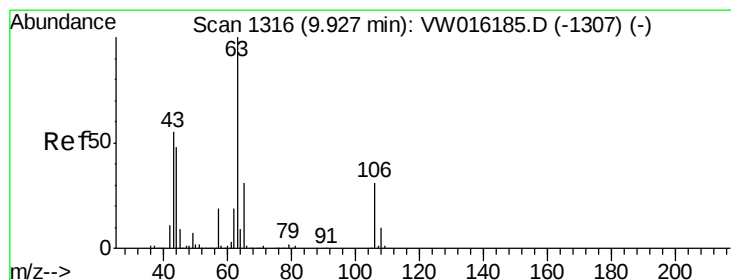
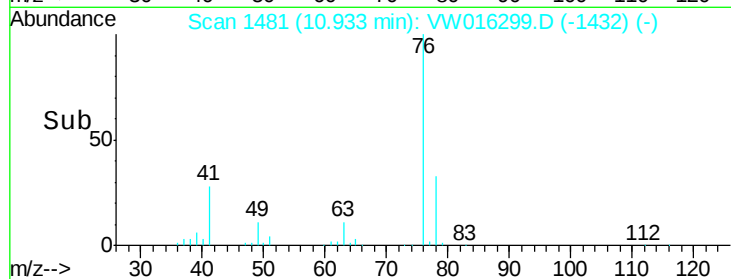
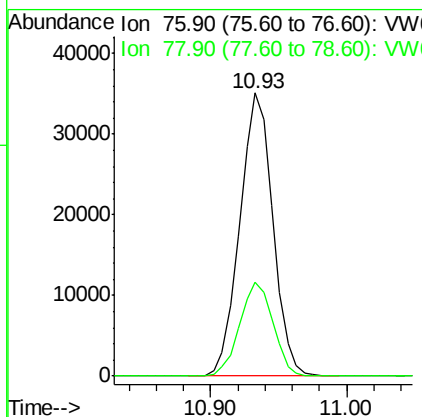
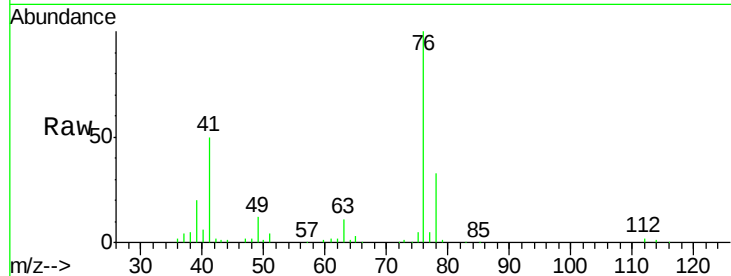
#57
 1,3-Dichloropropane
 Concen: 18.674 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	76	Resp	59619
Ion Ratio	Lower	Upper	
76	100		
78	33.5	25.8	38.8

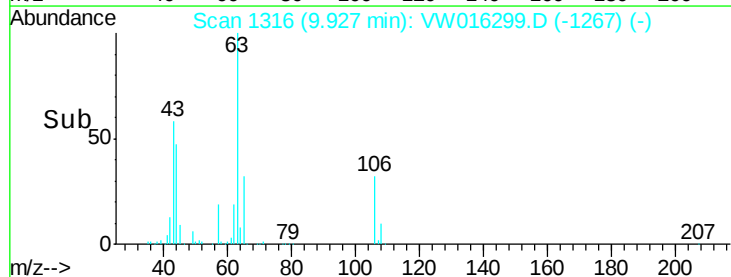
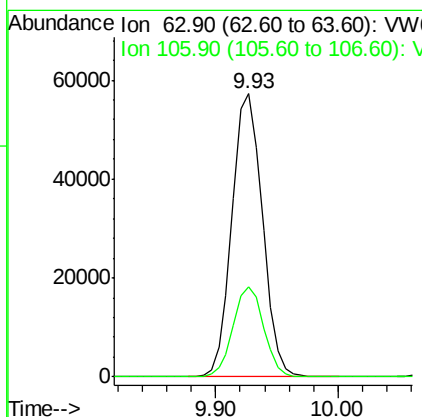
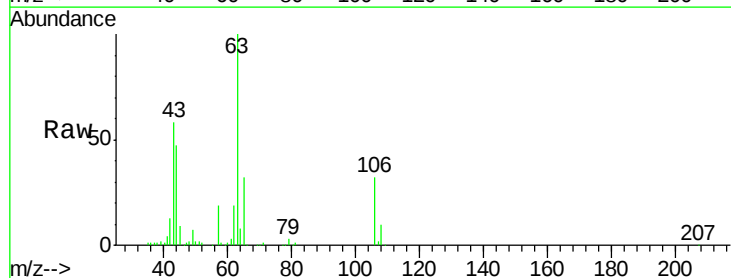
Manual Integrations
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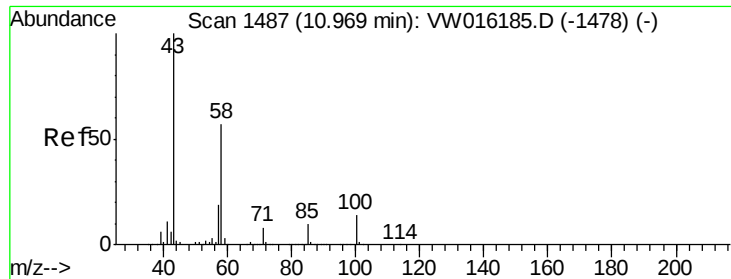
MMDadoda
 8/24/2020 4:55:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.171 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	63	Resp	98707
Ion Ratio	Lower	Upper	
63	100		
106	32.0	24.9	37.3





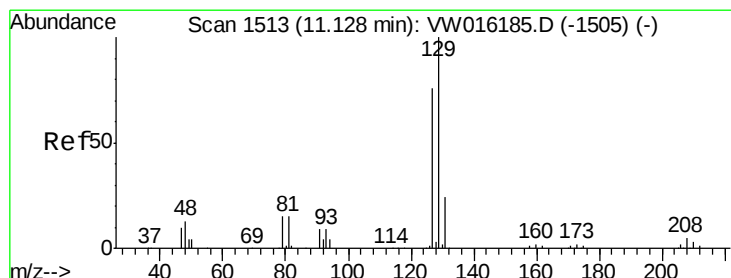
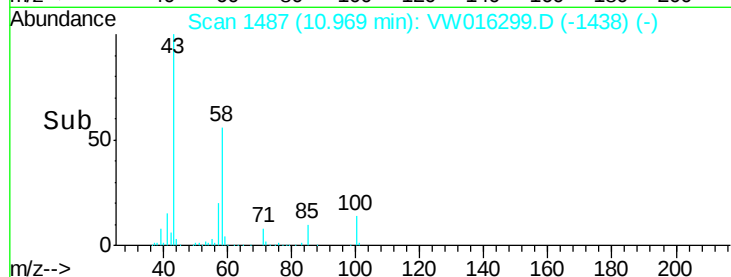
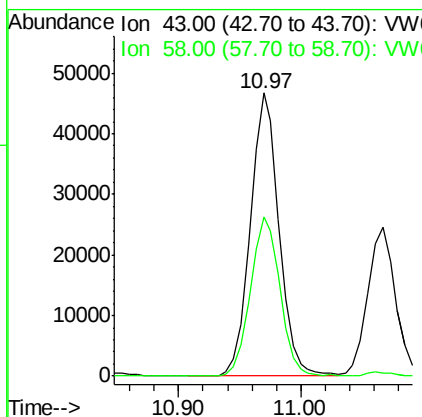
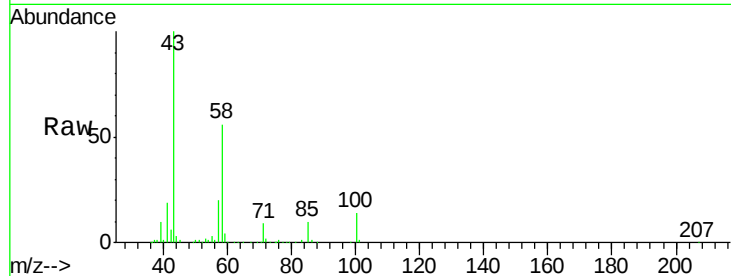
#59
2-Hexanone
Concen: 91.080 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampled :
VW0822SBS01

Tot Ion: 43 Resp: 76356
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.5

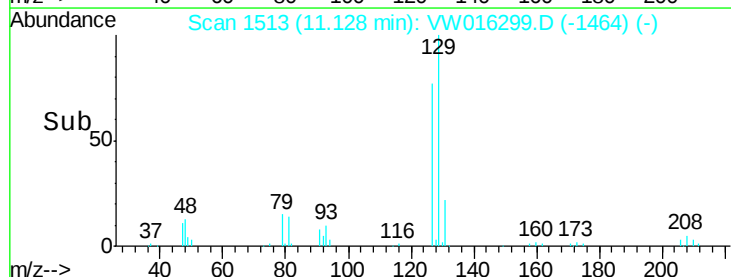
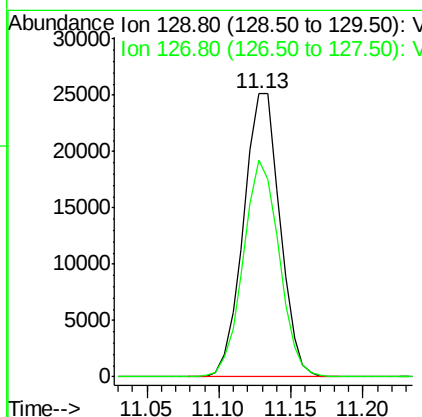
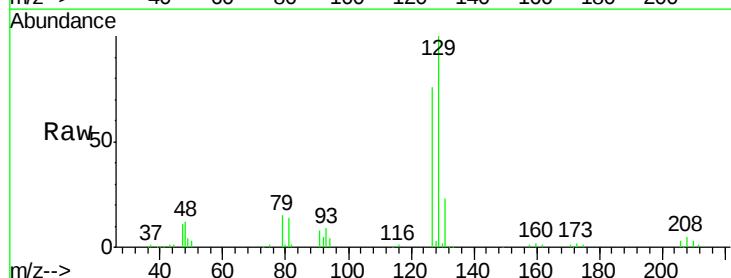
Manual Integrations
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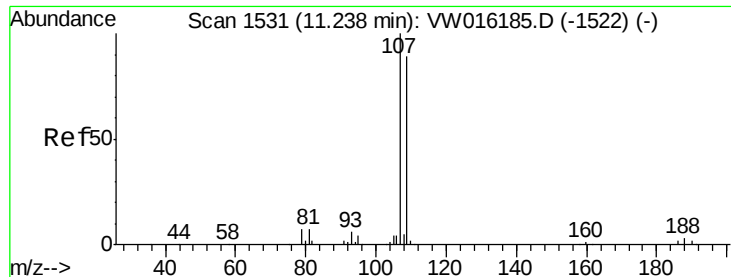
MMDadoda
8/24/2020 4:55:00 PM



#60
Dibromochloromethane
Concen: 19.750 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 129 Resp: 44086
Ion Ratio Lower Upper
129 100
127 75.5 38.3 114.8





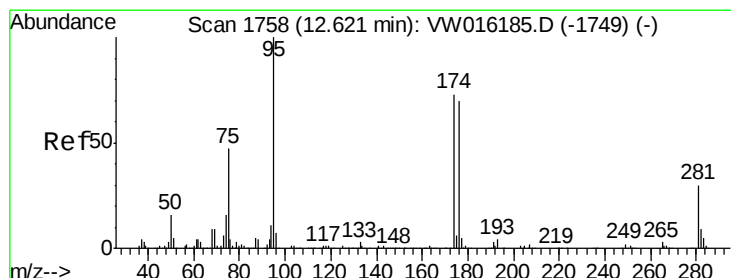
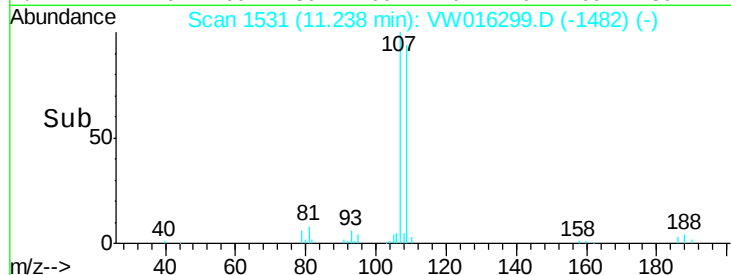
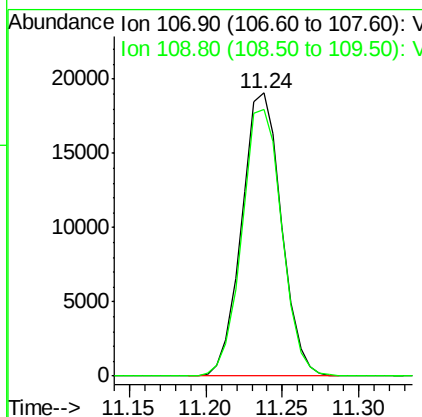
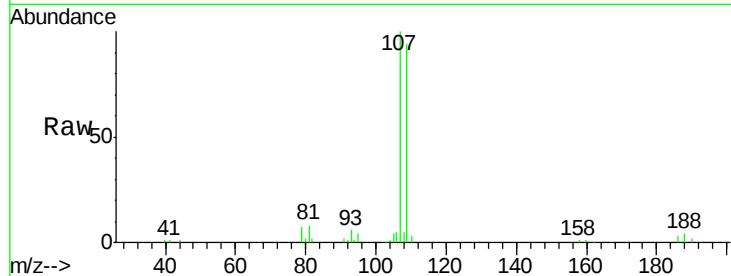
#61
 1,2-Dibromoethane
 Concen: 18.982 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion: 107 Resp: 34288
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.7 112.1

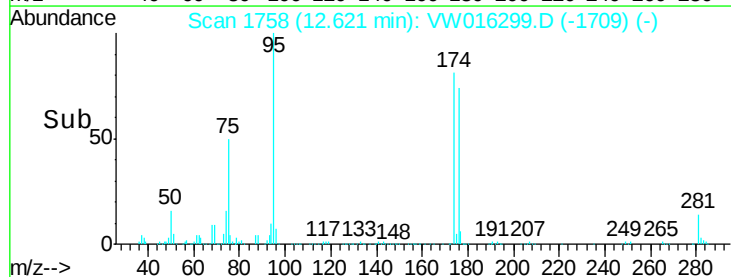
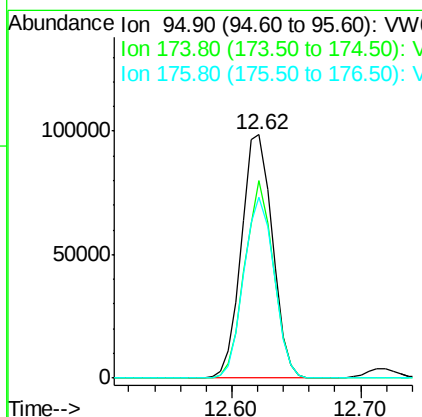
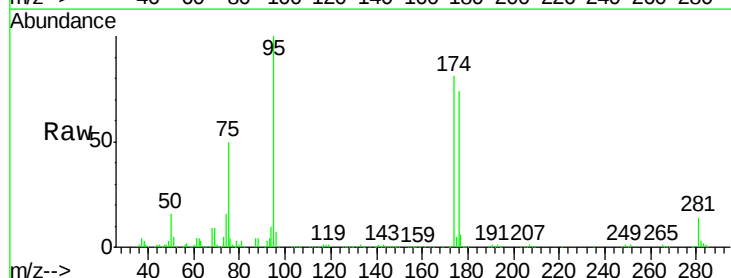
Manual Integrations
 APPROVED

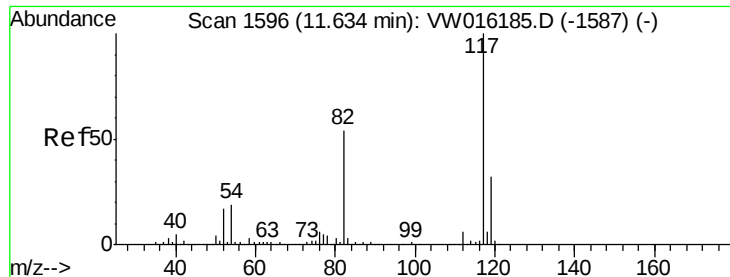
MMDadoda
 8/24/2020 4:55:00 PM



#62
 4-Bromofluorobenzene
 Concen: 50.375 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion: 95 Resp: 163982
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 145.6
 176 72.6 0.0 137.8





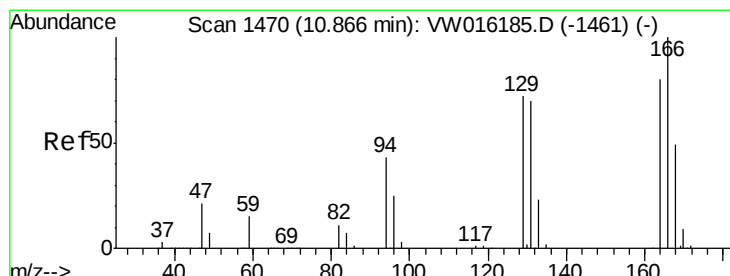
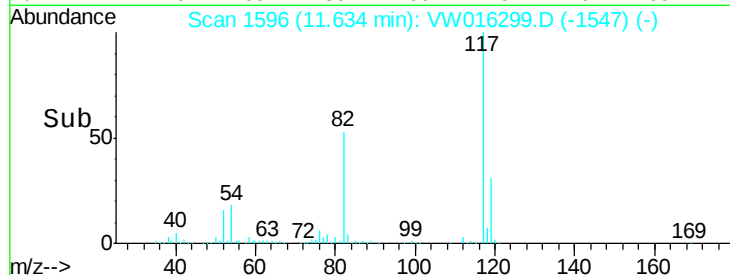
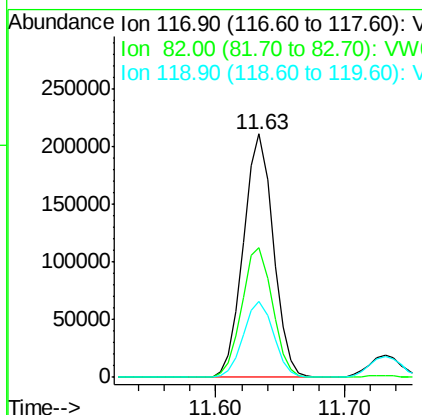
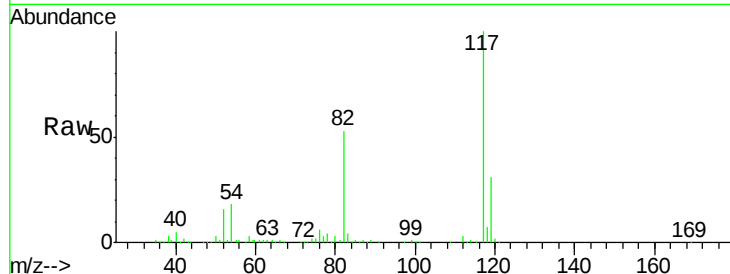
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	339037		
82	53.3		43.6	65.4
119	31.3		25.4	38.0

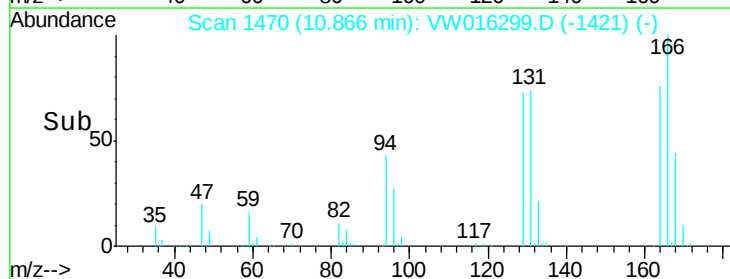
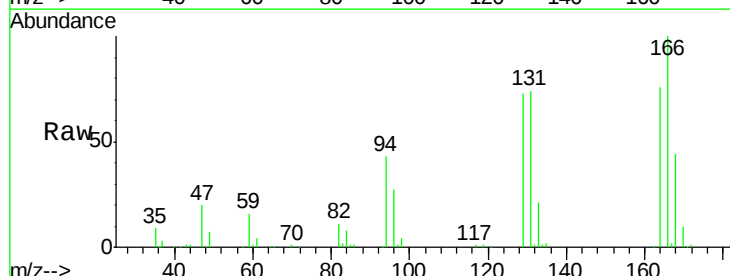
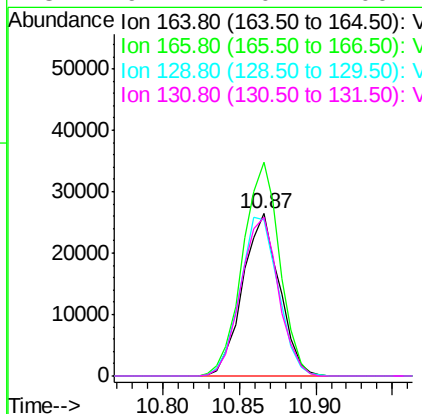
Manual Integrations
APPROVED

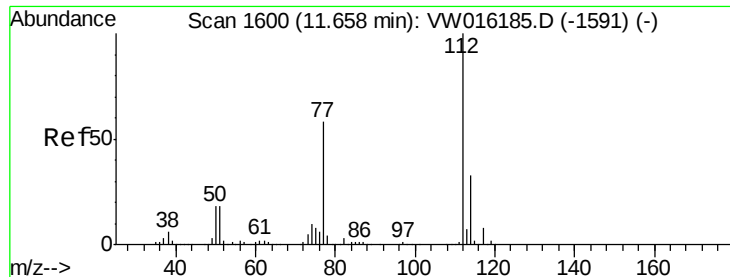
MMDadoda
8/24/2020 4:55:00 PM



#64
Tetrachloroethene
Concen: 19.893 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44253		
166	131.8		100.3	150.5
129	96.1		72.2	108.4
131	97.7		70.7	106.1





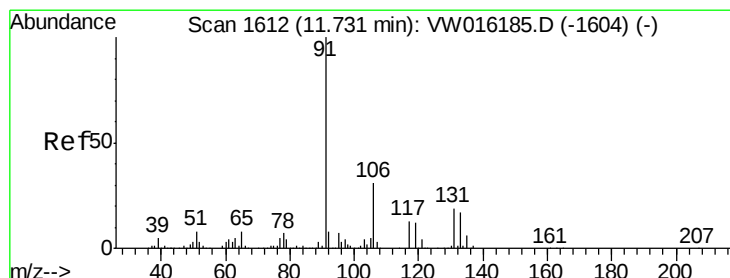
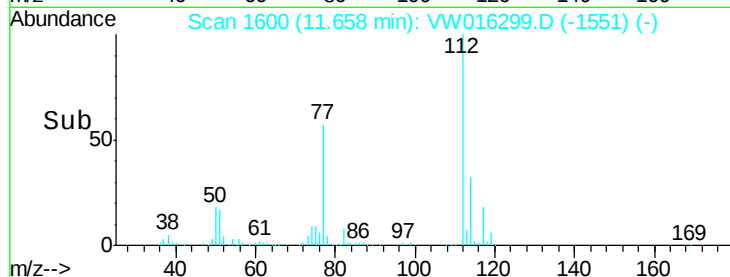
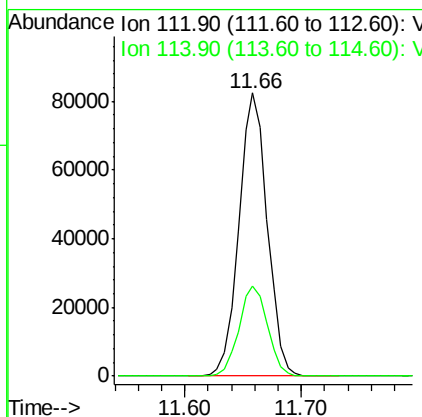
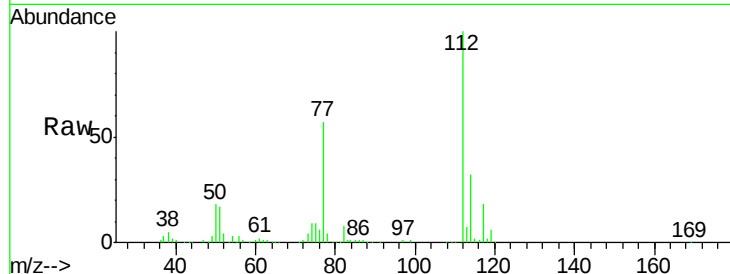
#65
Chlorobenzene
Concen: 20.070 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	139468		
114	31.8	26.6	39.8	

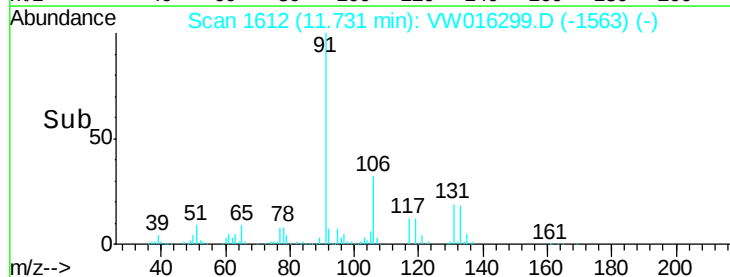
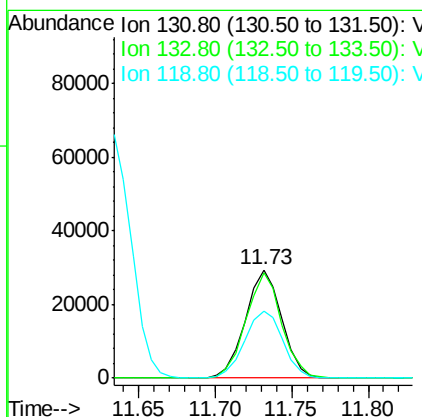
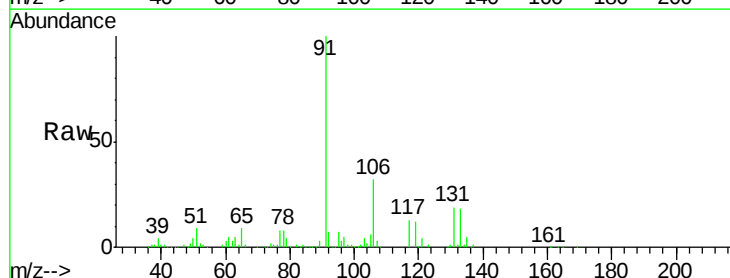
Manual Integrations
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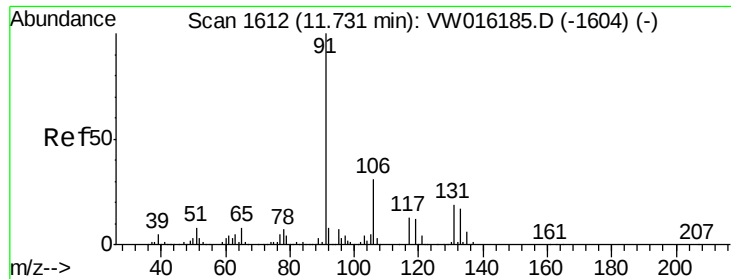
MMDadoda
8/24/2020 4:55:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.976 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	48522		
133	95.3	47.1	141.3	
119	65.5	33.1	99.3	





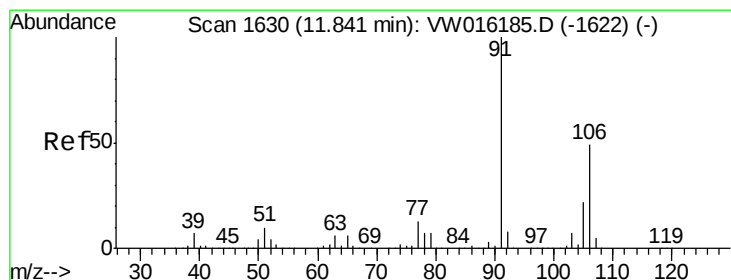
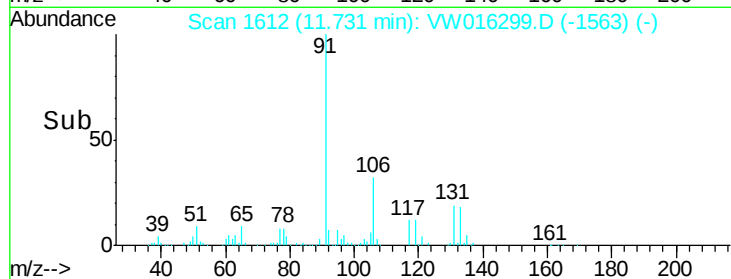
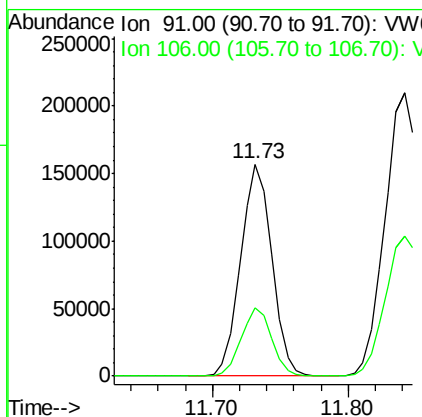
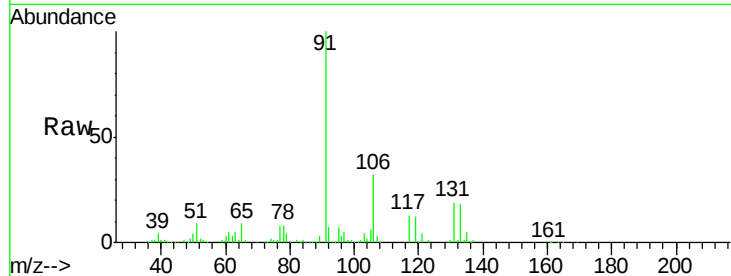
#67
Ethyl Benzene
Concen: 20.204 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion: 91 Resp: 252327
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

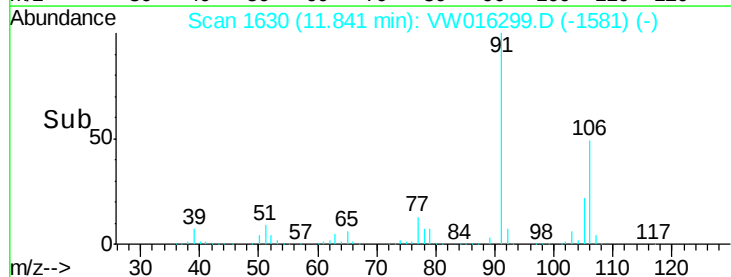
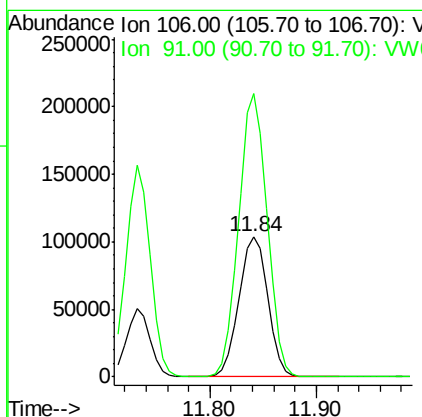
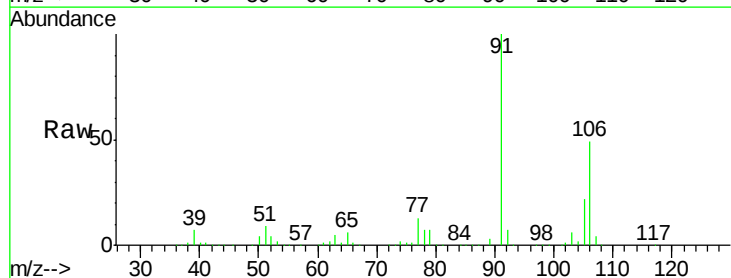
Manual Integrations
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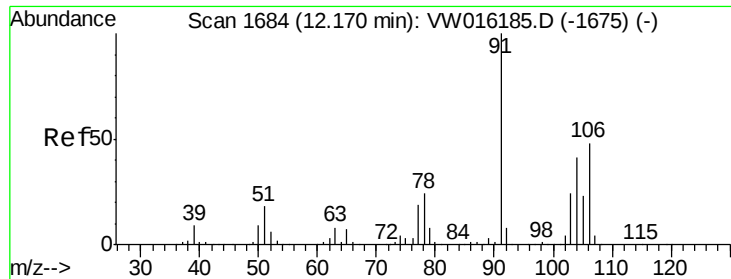
MMDadoda
8/24/2020 4:55:00 PM



#68
m/p-Xylenes
Concen: 41.281 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 106 Resp: 198162
Ion Ratio Lower Upper
106 100
91 199.3 161.4 242.2





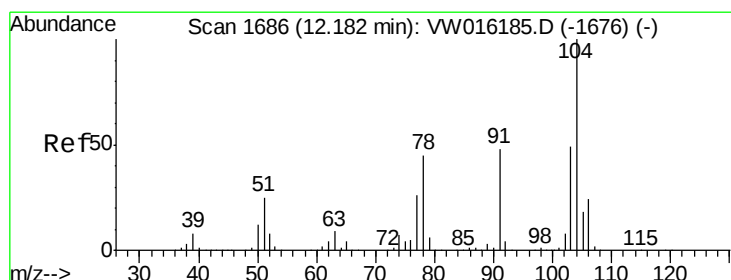
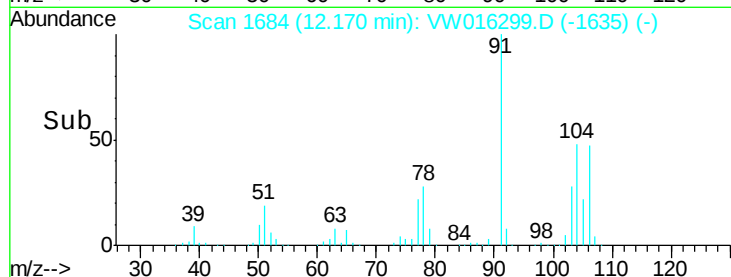
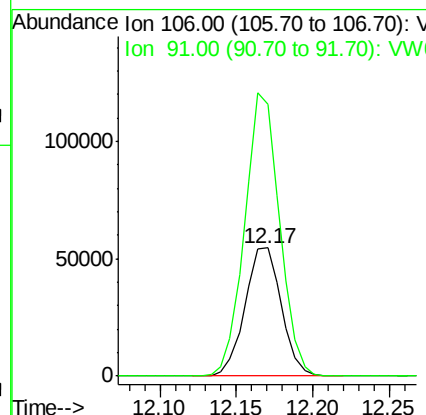
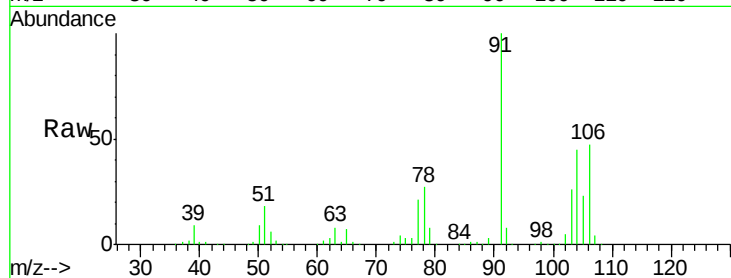
#69
o-Xylene
Concen: 21.120 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion:106 Resp: 90323
Ion Ratio Lower Upper
106 100
91 211.8 106.0 317.9

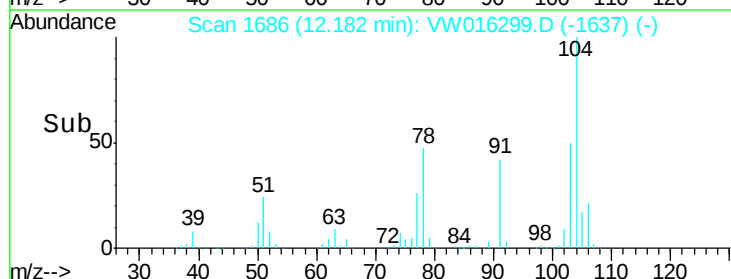
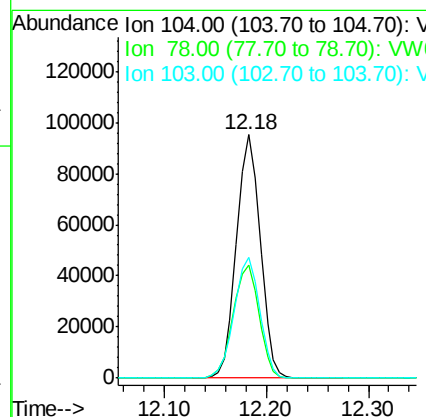
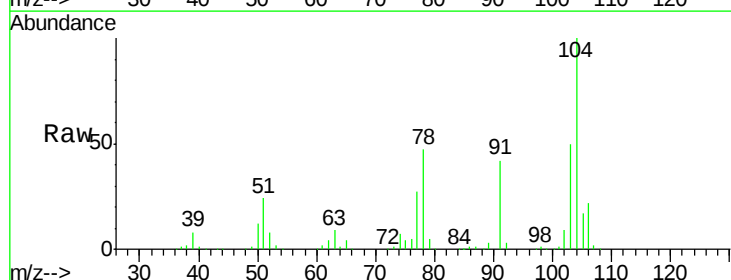
Manual Integrations
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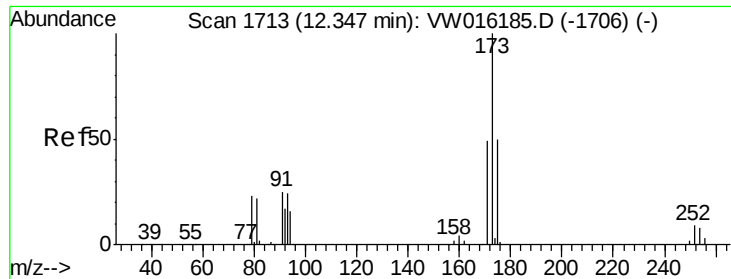
MMDadoda
8/24/2020 4:55:00 PM



#70
Styrene
Concen: 20.738 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion:104 Resp: 153469
Ion Ratio Lower Upper
104 100
78 50.6 39.4 59.2
103 53.6 42.9 64.3





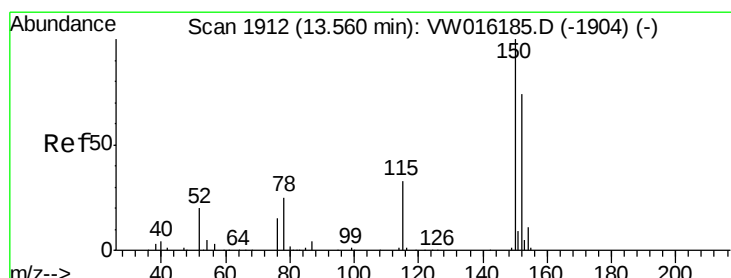
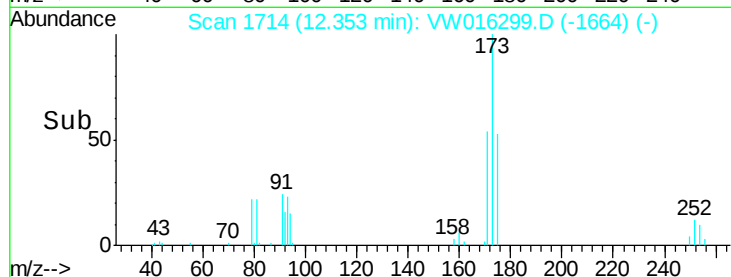
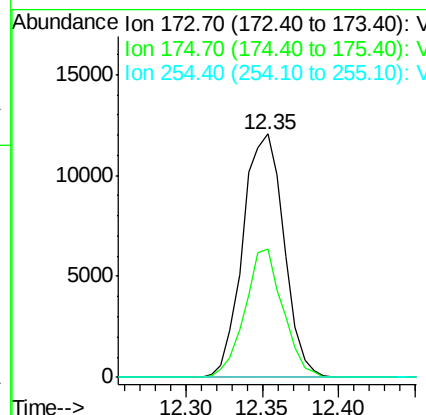
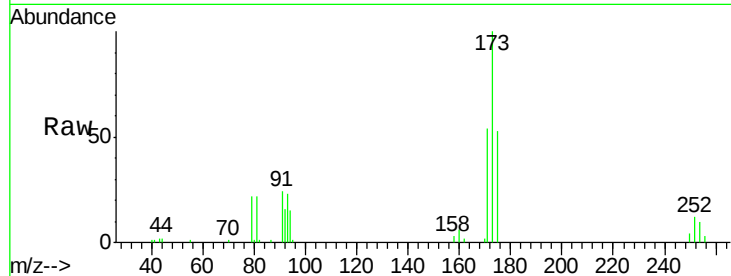
#71
Bromoform
Concen: 20.703 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.7	74.1
254	0.0	0.0	0.0

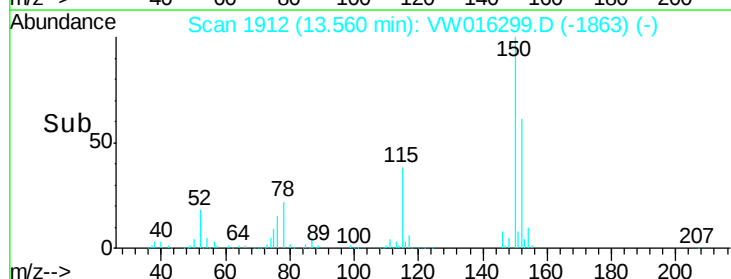
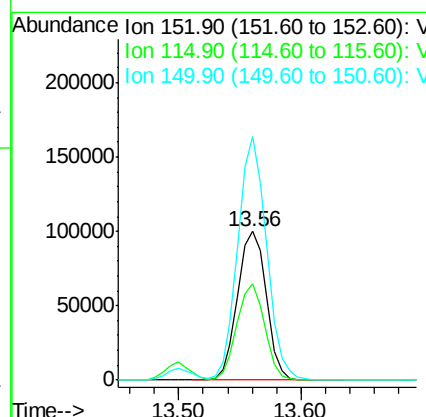
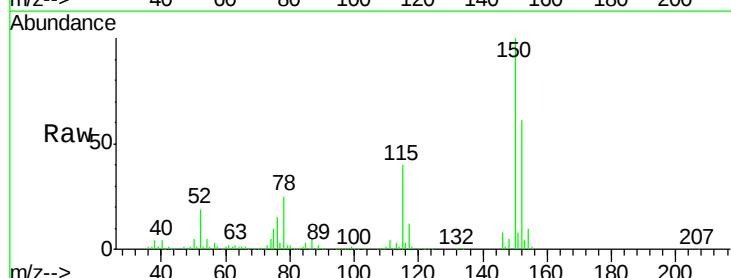
Manual Integrations
APPROVED

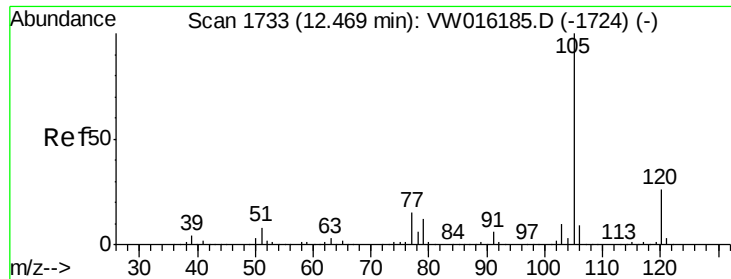
MMDadoda
8/24/2020 4:55:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	30.9	92.5
150	163.7	0.0	337.8





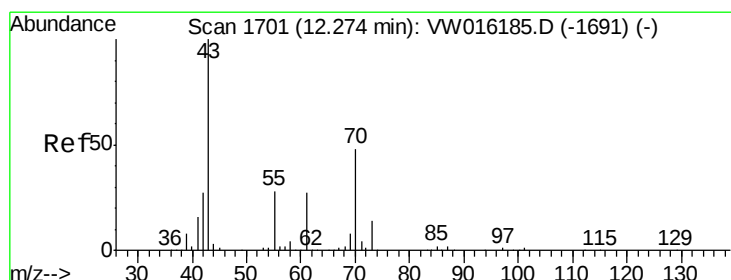
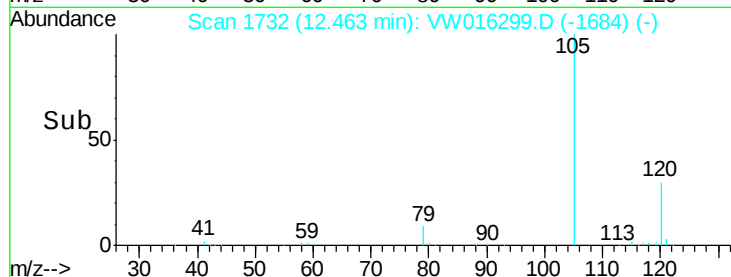
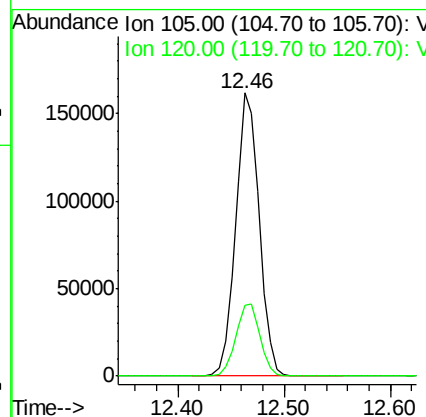
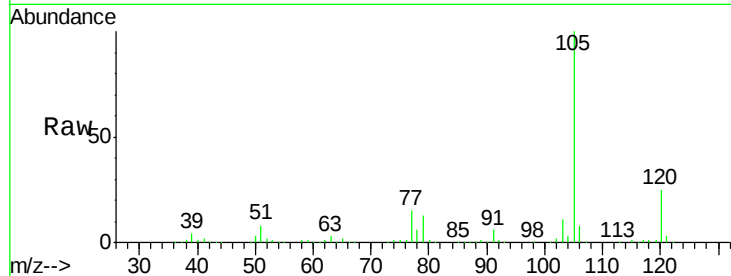
#73
Isopropylbenzene
Concen: 20.263 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion: 105 Resp: 250073
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

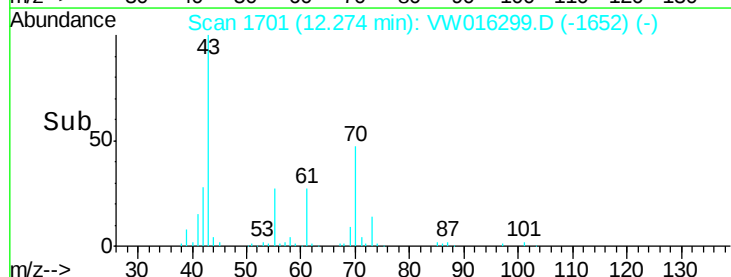
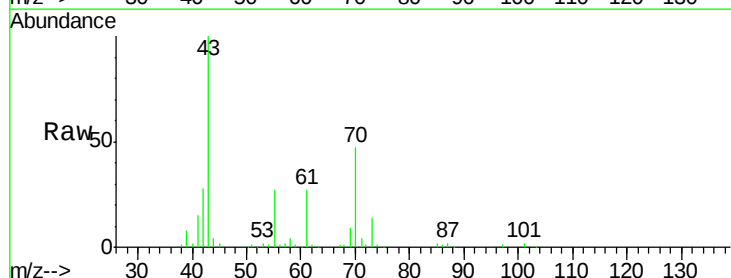
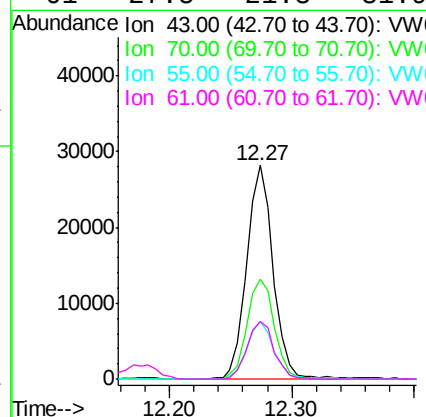
Manual Integrations
APPROVED

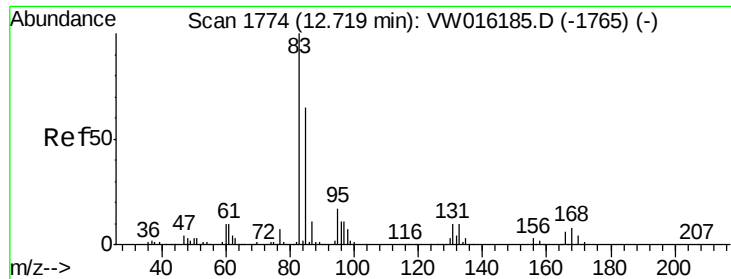
MMDadoda
8/24/2020 4:55:00 PM



#74
N-ethyl acetate
Concen: 19.065 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion: 43 Resp: 42137
Ion Ratio Lower Upper
43 100
70 48.9 38.6 58.0
55 26.9 22.2 33.2
61 27.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.409 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

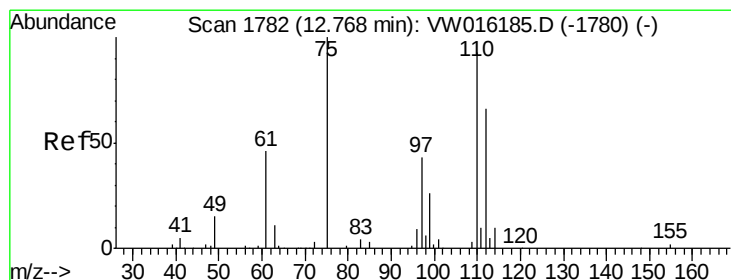
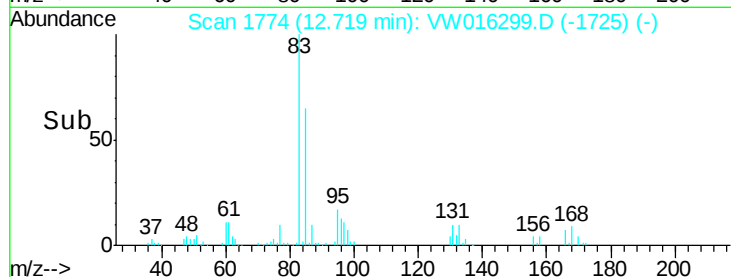
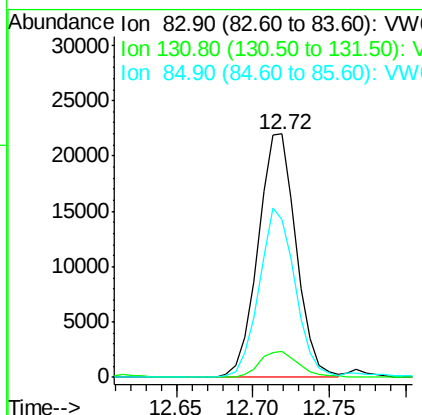
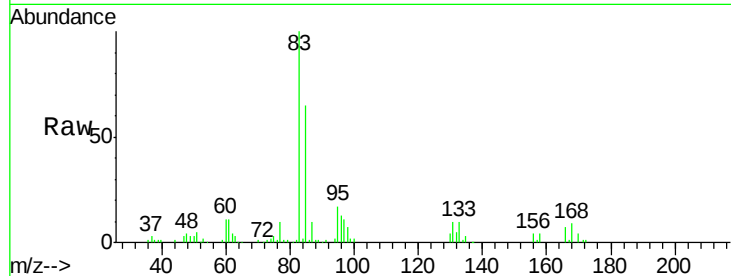
ClientSampleId :

VW0822SBS01

Tot Ion:	83	Resp:	38015
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	65.7	31.3	93.9

Manual Integrations
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MMDadoda
8/24/2020 4:55:00 PM



#76

1,2,3-Trichloropropane

Concen: 18.071 ug/l m

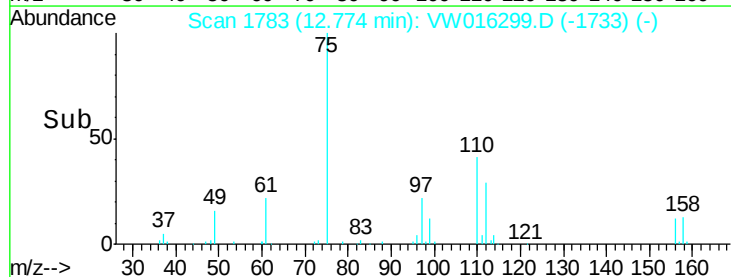
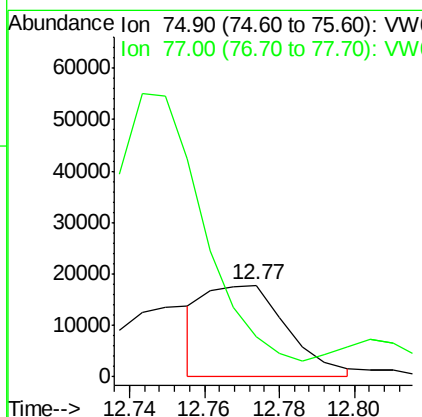
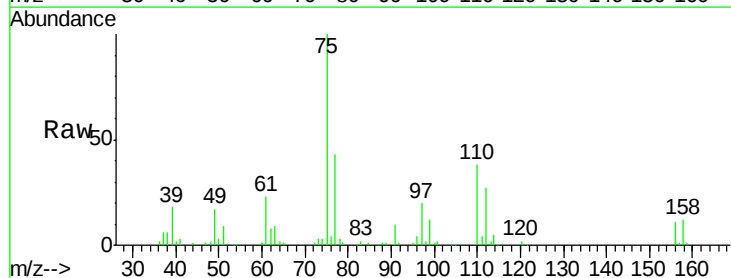
RT: 12.77 min Scan# 1783

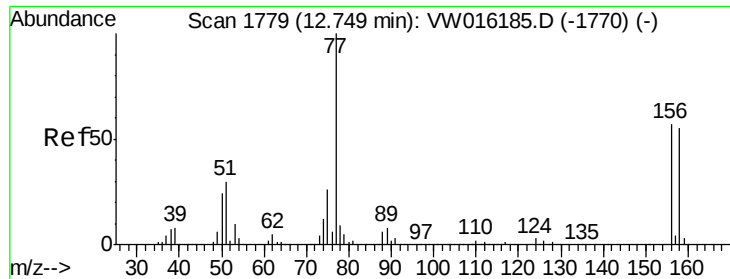
Delta R.T. 0.01 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Tgt Ion:	75	Resp:	26915
Ion Ratio	Lower	Upper	
75	100		
77	0.0	173.6	520.6#





#77

Bromobenzene

Concen: 20.200 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

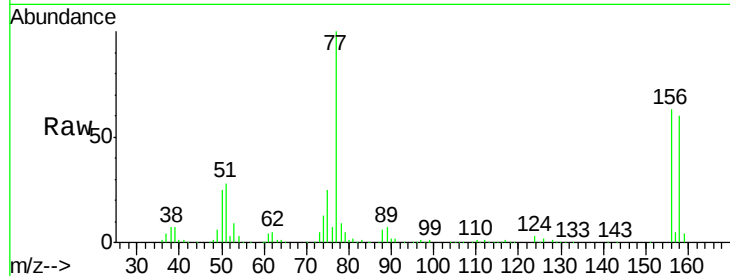
ClientSampleId :

VW0822SBS01

Tot Ion:	156	Resp:	55140
Ion Ratio	Lower	Upper	
156	100		
77	184.2	97.9	293.6
158	96.0	49.0	147.2

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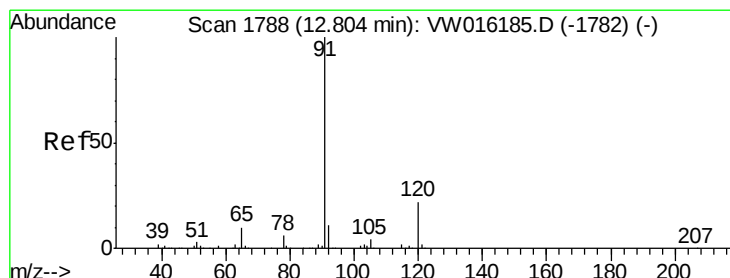
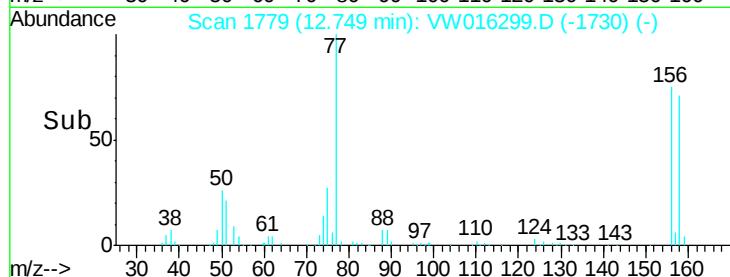
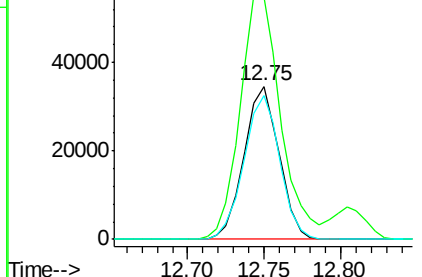
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.159 ug/l

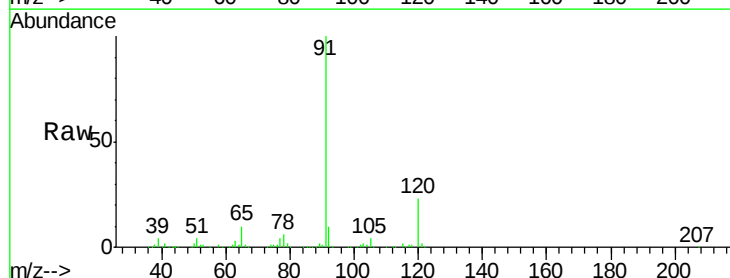
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016299.D

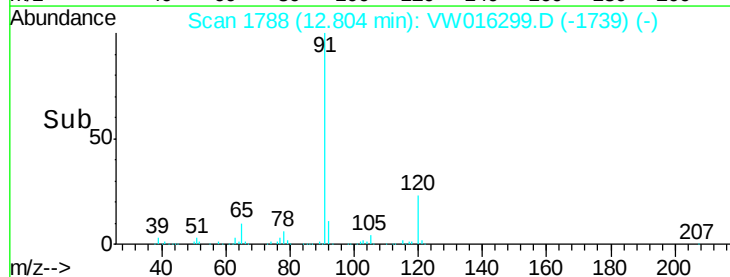
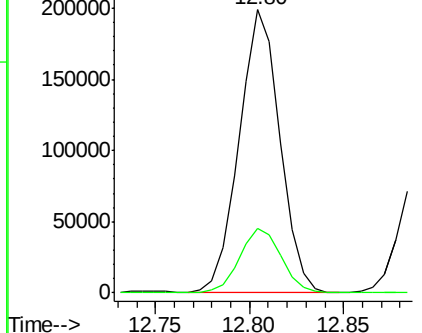
Acq: 21 Aug 2020 12:25

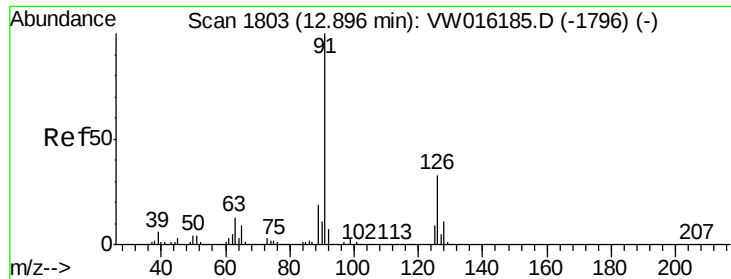
Tgt Ion:	91	Resp:	296968
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.048 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016299.D

Acq: 21 Aug 2020 12:25

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

Tot Ion: 91 Resp: 170598

Ion Ratio Lower Upper

91 100

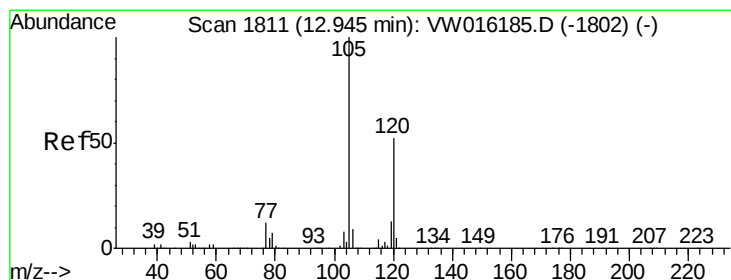
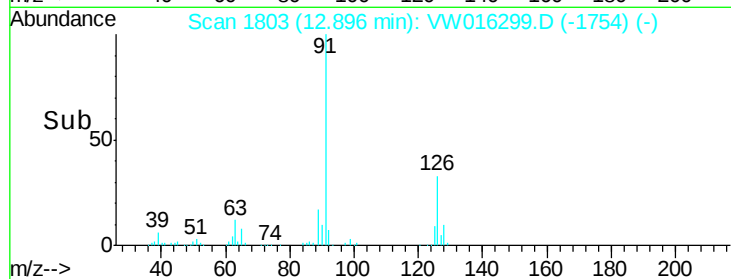
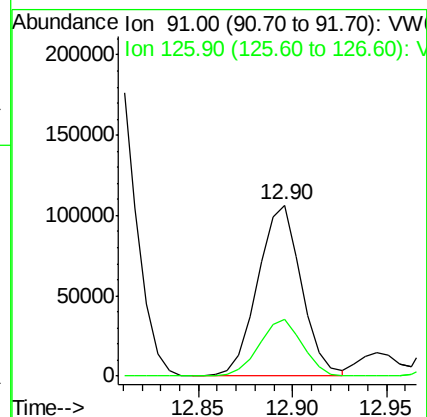
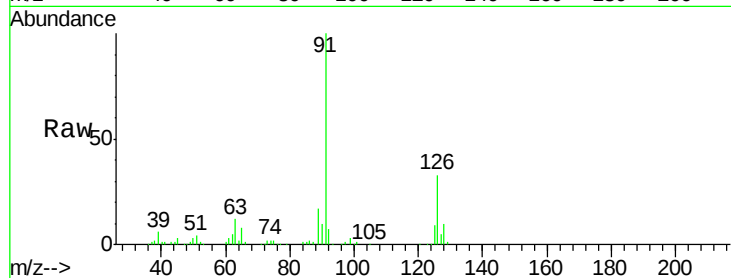
126 33.2 16.4 49.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.352 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016299.D

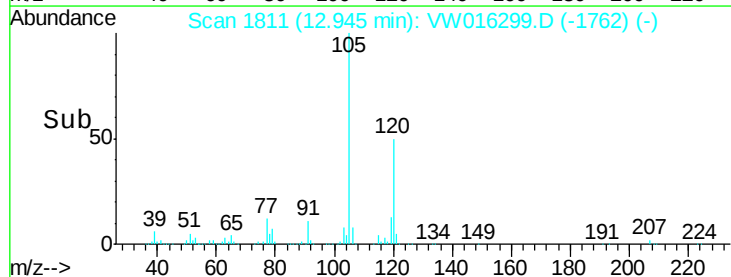
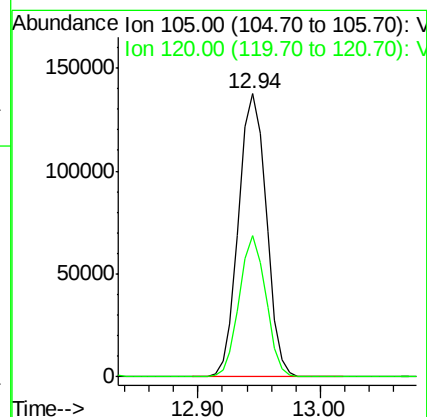
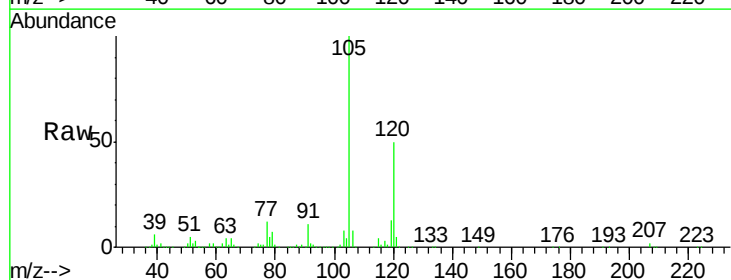
Acq: 21 Aug 2020 12:25

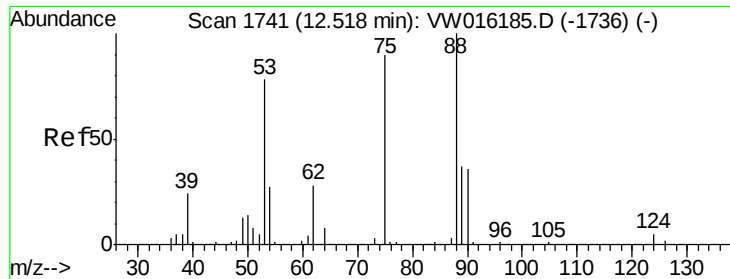
Tgt Ion: 105 Resp: 215611

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2





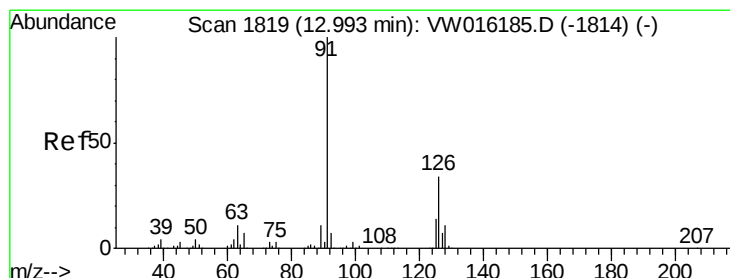
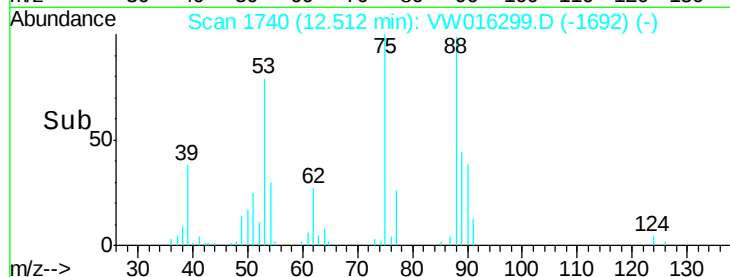
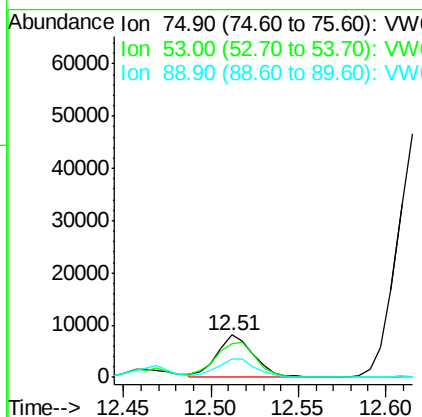
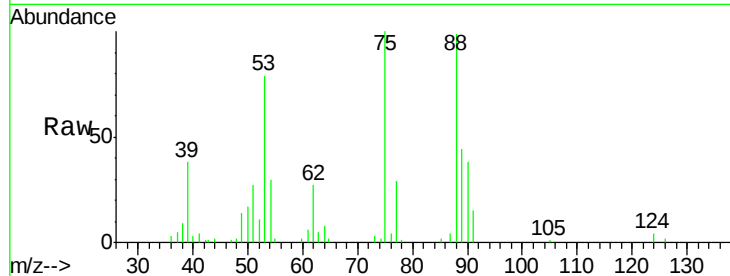
#81
trans-1,4-Dichloro-2-butene
Concen: 19.193 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	74.6	111.8
89	46.0	37.2	55.8

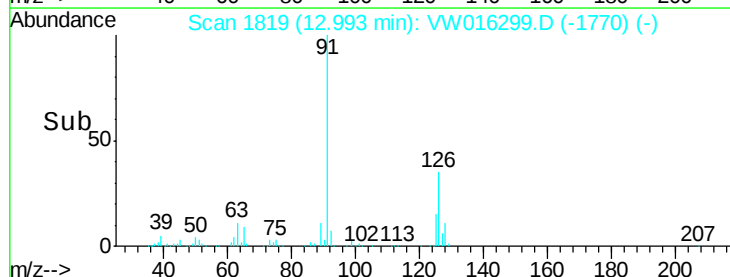
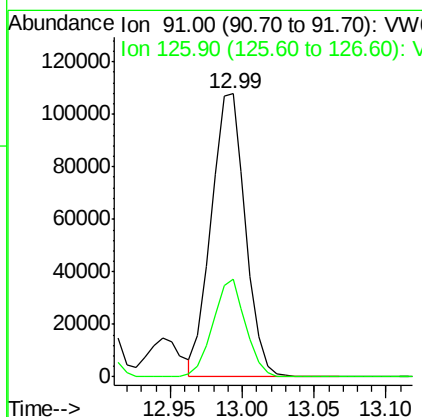
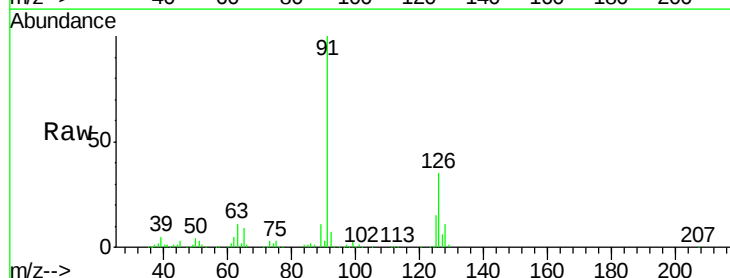
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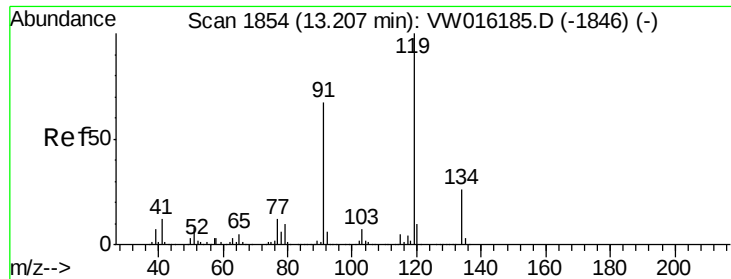
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#82
4-Chlorotoluene
Concen: 20.108 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.8





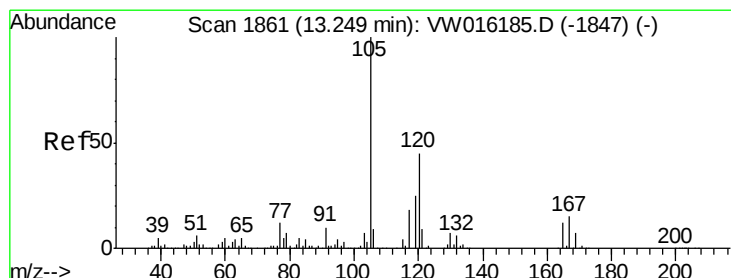
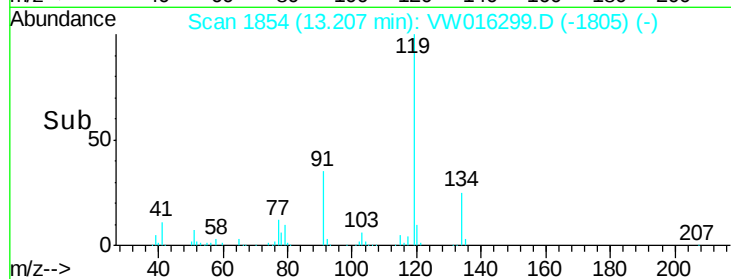
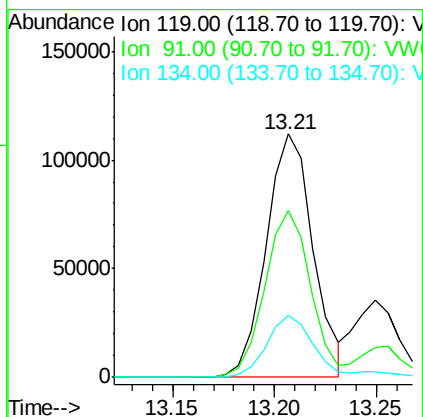
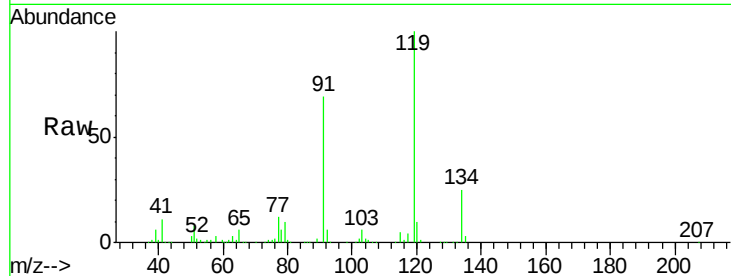
#83
tert-Butylbenzene
Concen: 20.690 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	179639		
91	66.4	33.3	99.9	
134	24.9	13.5	40.5	

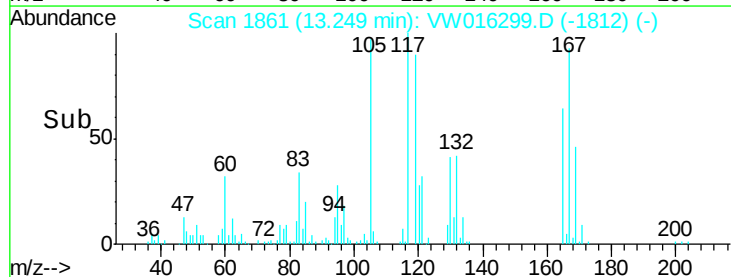
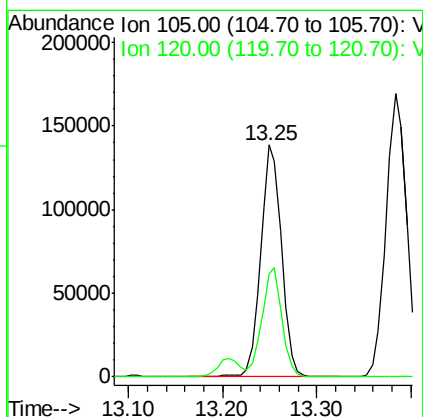
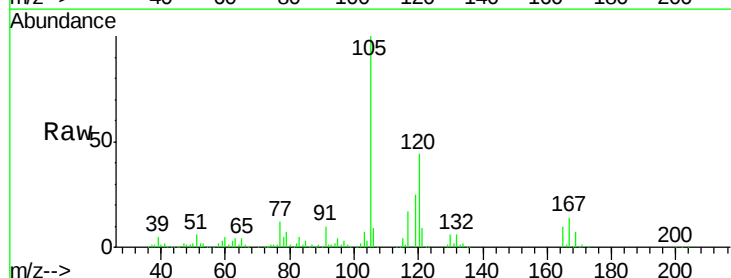
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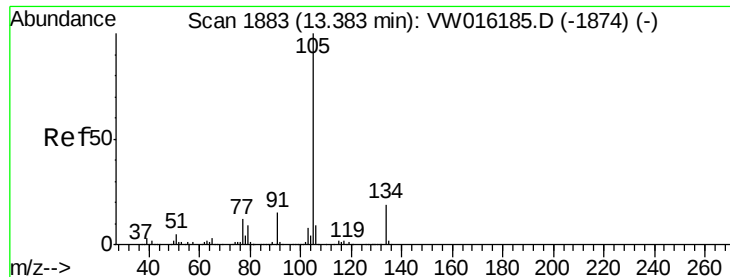
MMDadoda
8/24/2020 4:55:00 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.606 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216024		
120	44.9	22.2	66.6	





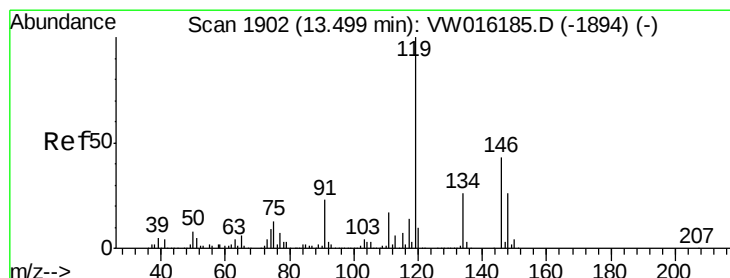
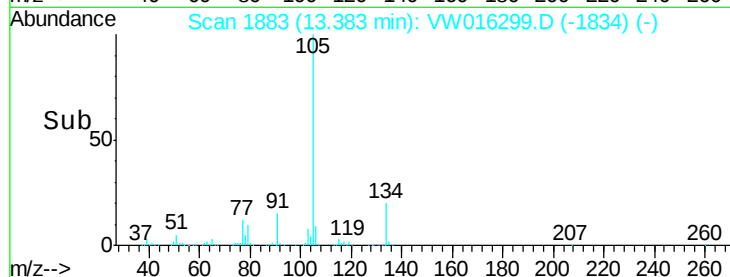
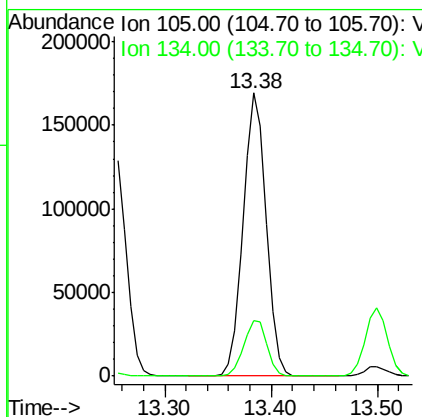
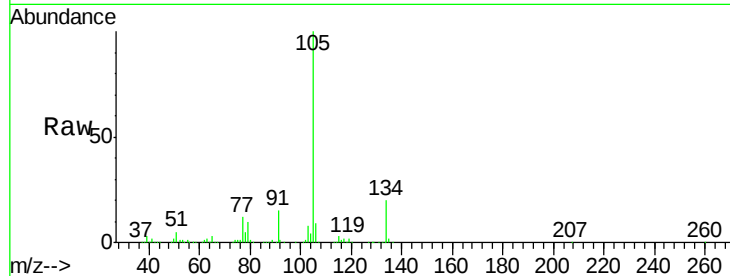
#85
 sec-Butylbenzene
 Concen: 20.452 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	258090		
134	19.9	9.8	29.4	

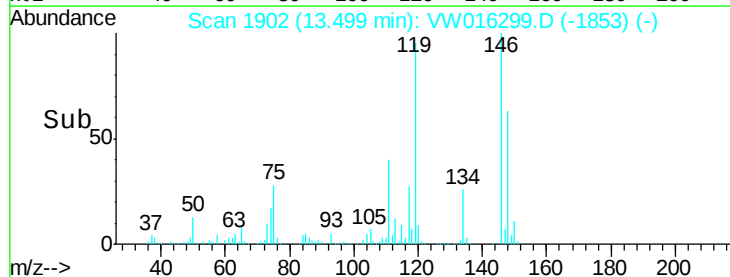
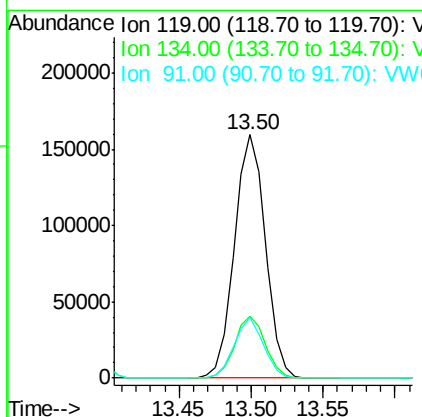
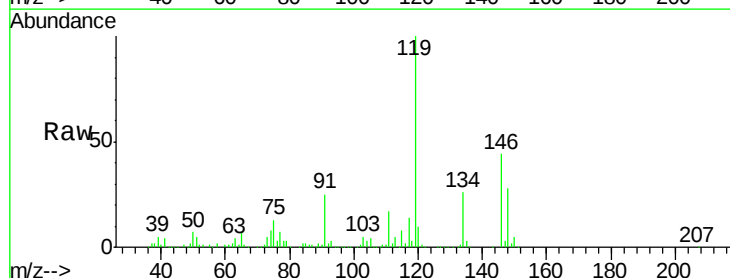
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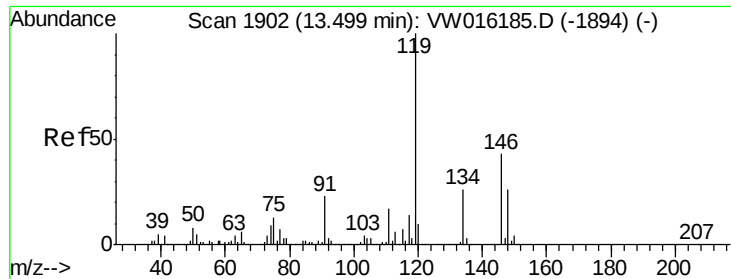
MMDadoda
 8/24/2020 4:55:00 PM



#86
 p-Isopropyltoluene
 Concen: 20.925 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	238830		
134	25.2	12.8	38.4	
91	23.7	11.8	35.3	





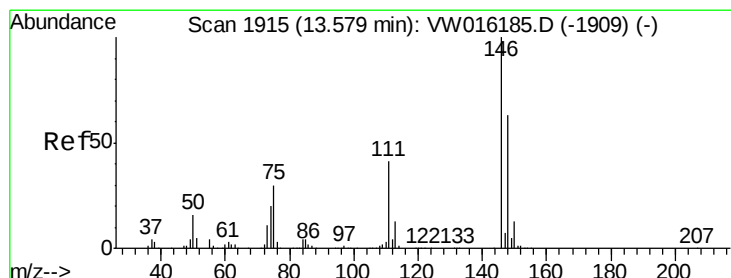
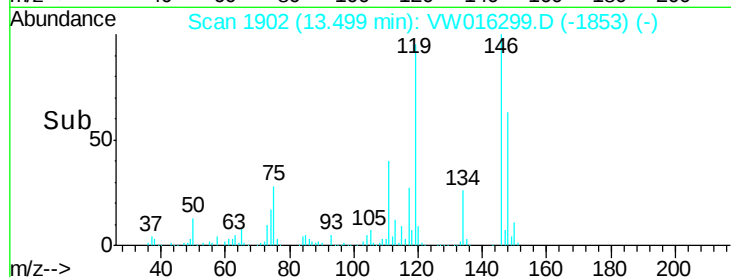
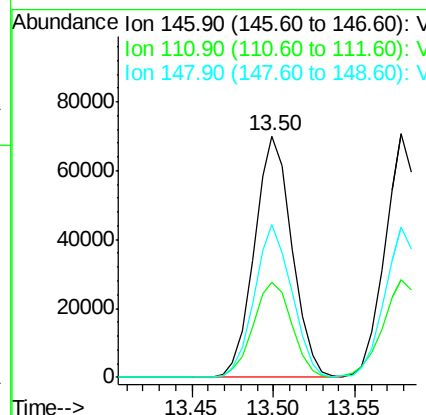
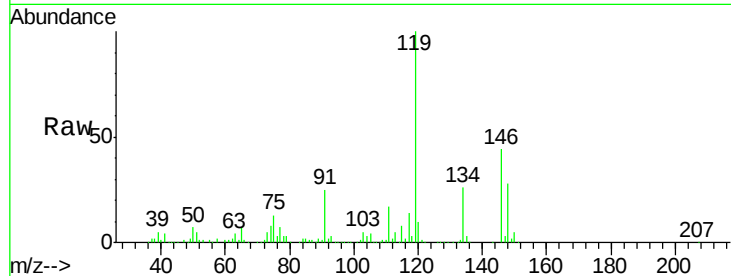
#87
 1,3-Dichlorobenzene
 Concen: 20.454 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	111816		
111	40.7	20.8	62.5	
148	62.9	31.1	93.5	

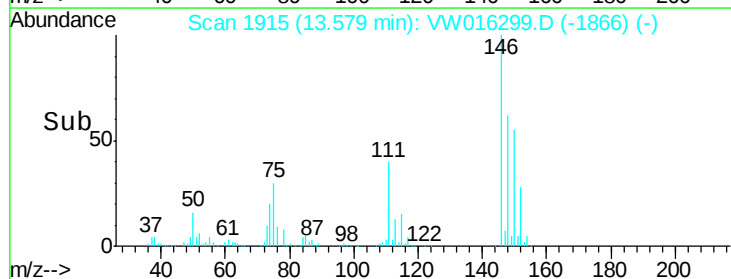
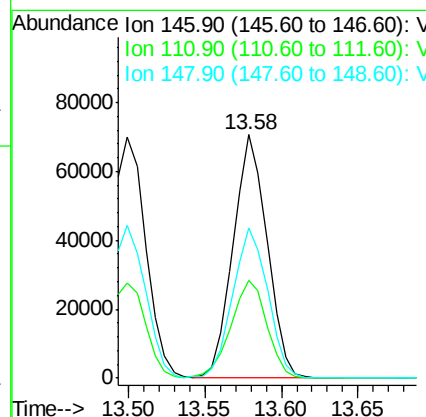
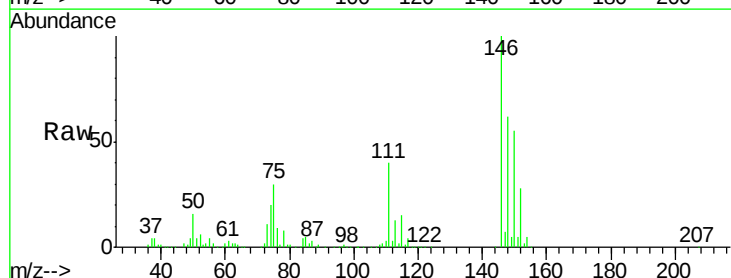
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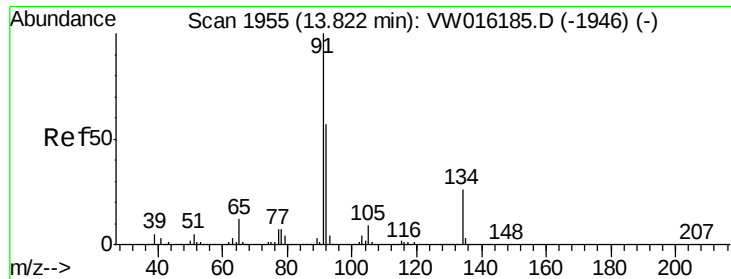
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 8/24/2020 4:55:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.239 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108945		
111	42.5	20.8	62.2	
148	63.8	32.1	96.3	





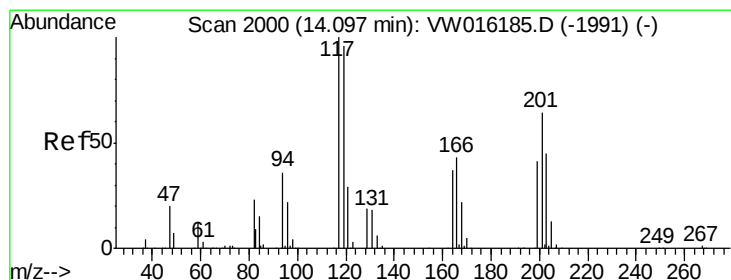
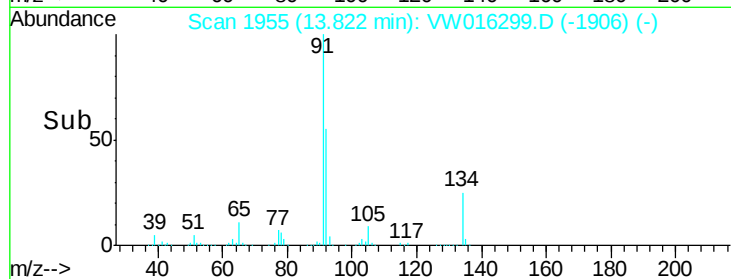
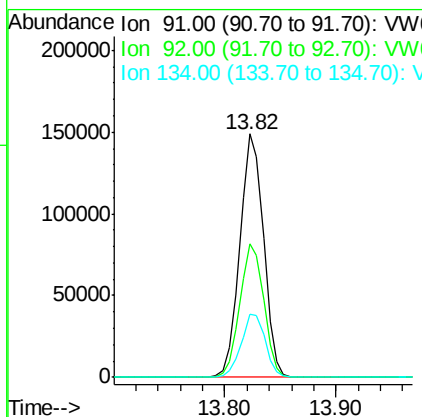
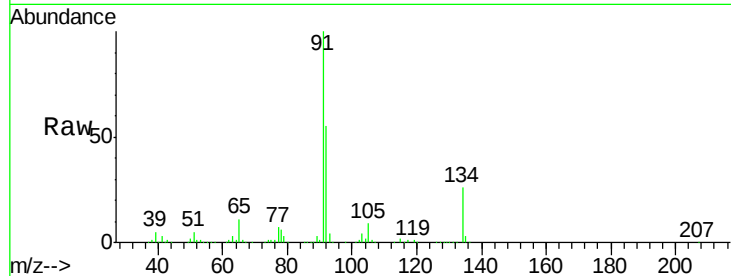
#89
n-Butylbenzene
Concen: 20.774 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	219357		
92	55.7		27.4	82.2
134	26.3		13.0	39.0

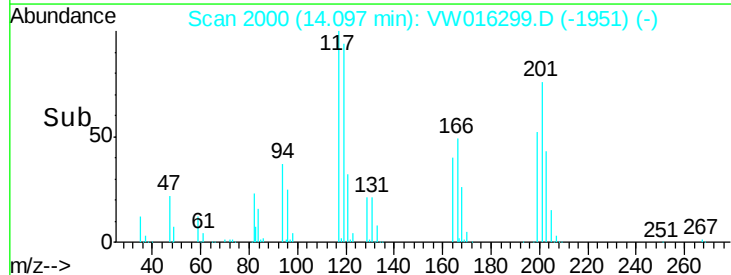
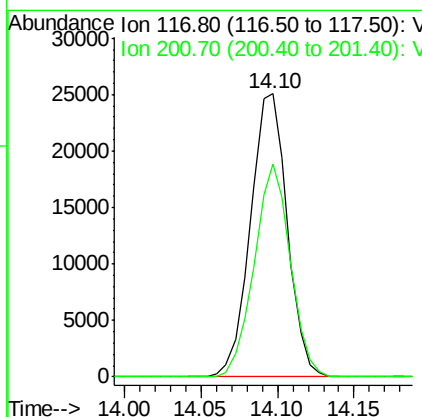
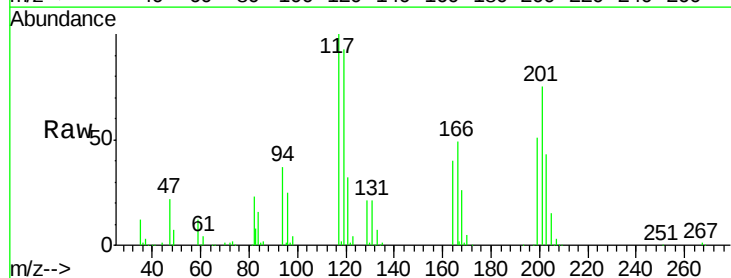
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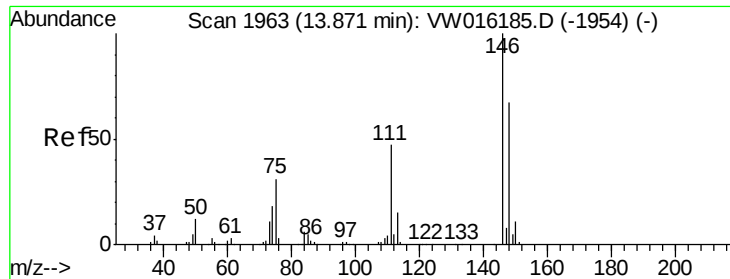
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#90
Hexachloroethane
Concen: 19.692 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41945		
201	73.5		33.8	101.3





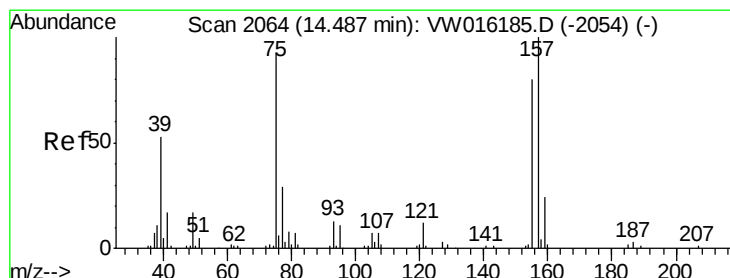
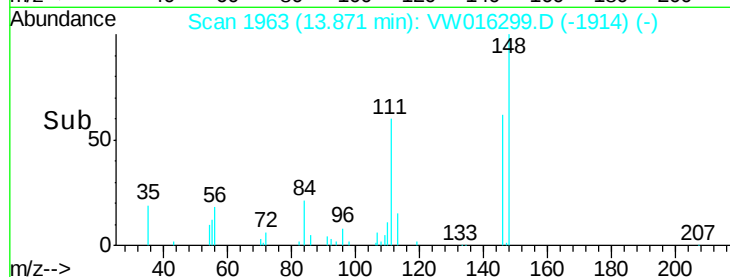
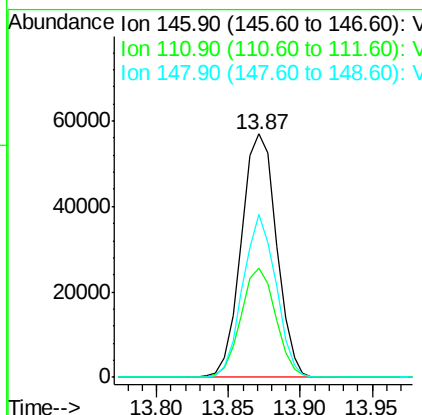
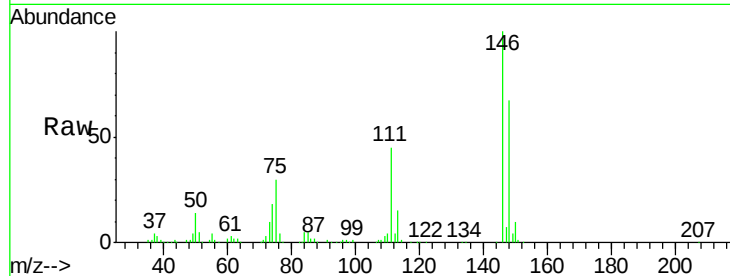
#91
 1,2-Dichlorobenzene
 Concen: 20.255 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.8
148	62.6	32.1	96.3

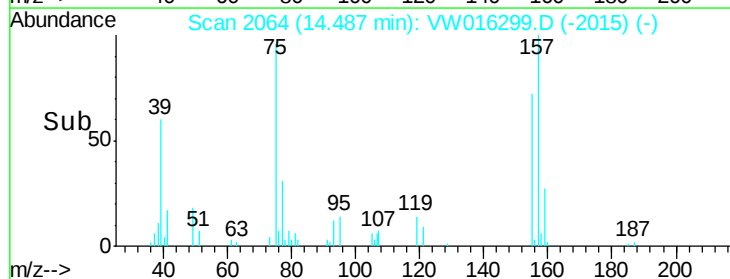
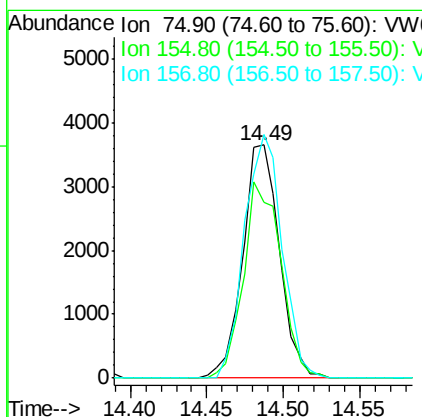
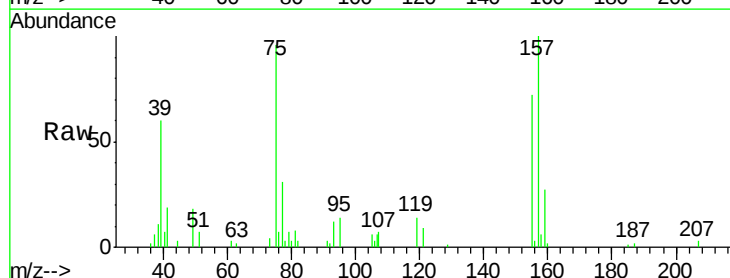
Manual Integrations
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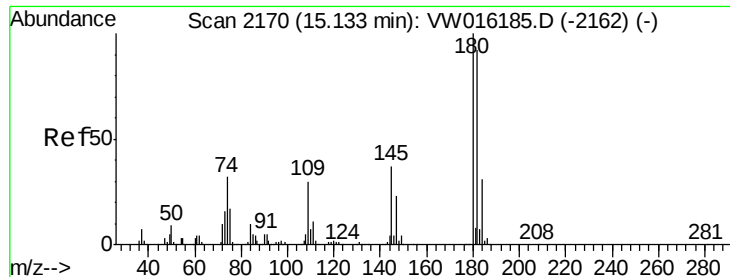
MMDadoda
 8/24/2020 4:55:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.263 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.3	124.1
157	107.2	53.0	159.0





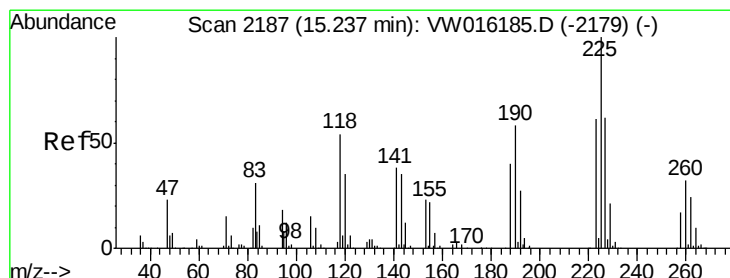
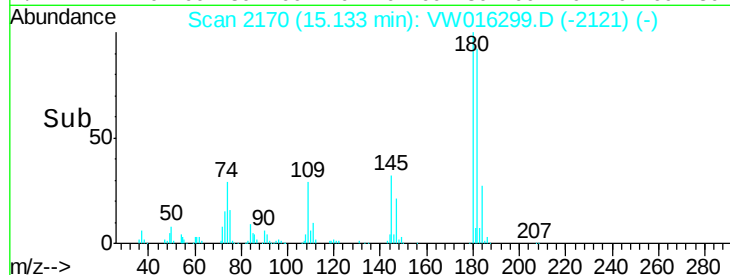
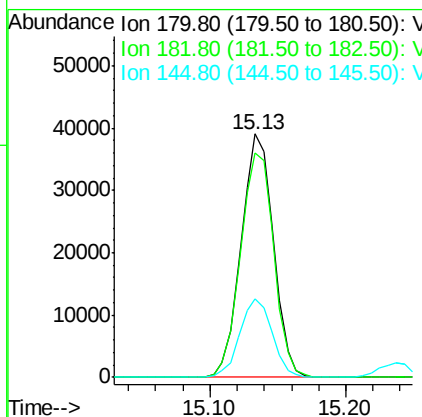
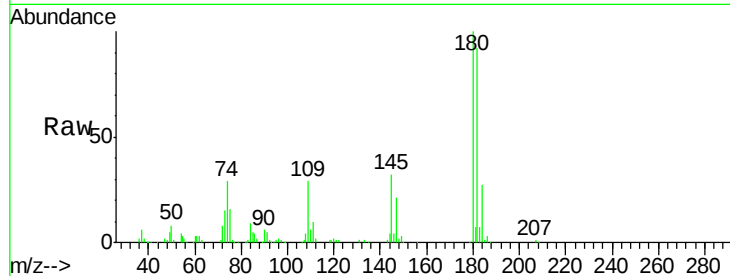
#93
 1,2,4-Trichlorobenzene
 Concen: 22.804 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	64812		
182	95.2	46.0	138.0	
145	32.4	16.9	50.7	

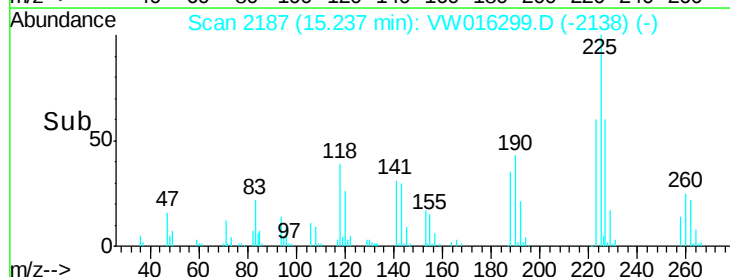
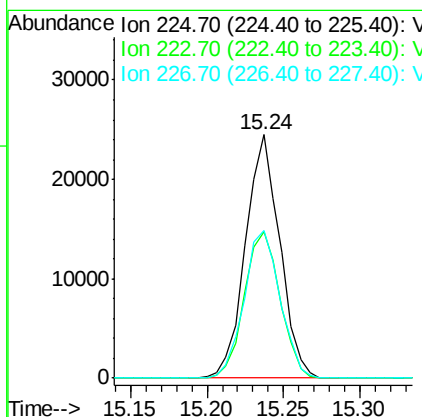
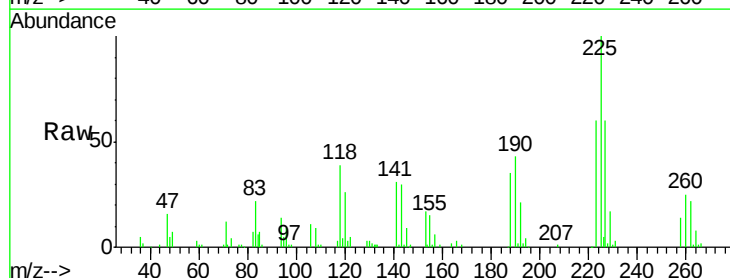
Manual Integrations
 APPROVED

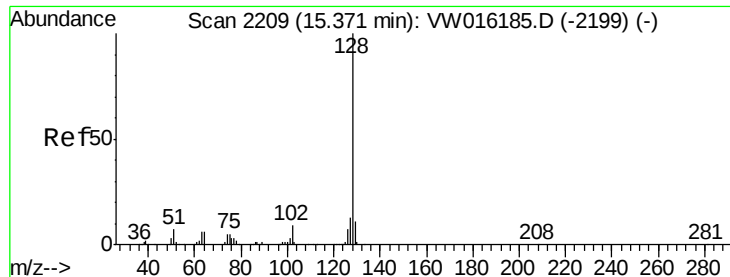
MMDadoda
 8/24/2020 4:55:00 PM



#94
 Hexachlorobutadiene
 Concen: 22.570 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016299.D
 Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38137		
223	62.8	33.0	99.0	
227	63.6	32.0	96.2	





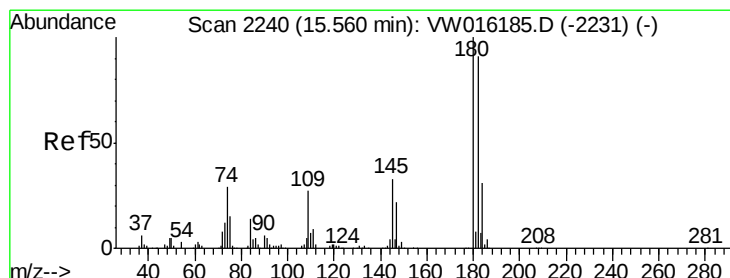
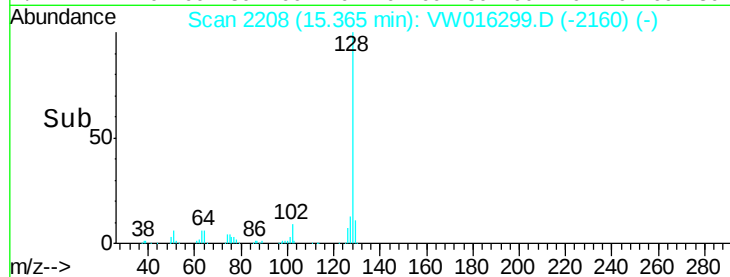
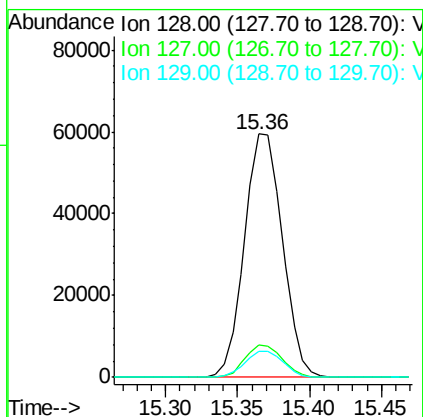
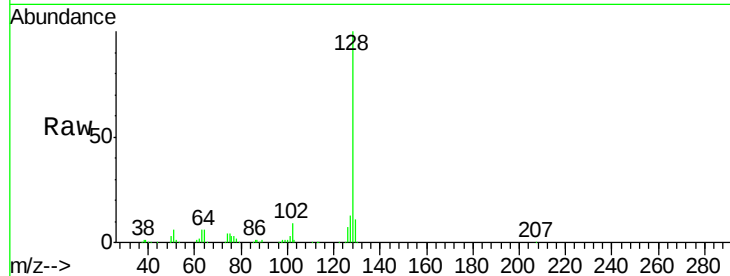
#95
Naphthalene
Concen: 20.525 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	13.1	10.2	15.4	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
8/24/2020 4:55:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.134 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016299.D
Acq: 21 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.6	47.7	143.1	
145	33.9	17.4	52.3	

