

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015805.D
 Acq On : 08 Jul 2020 12:57
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:30 AM

Quant Time: Jul 09 05:05:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	101887	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	7.89	113	91564	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	10.33	98	353441	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.62	95	131300	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25903	24.361	ug/l	100
3) Chloromethane	2.21	50	30082	20.832	ug/l	96
4) Vinyl Chloride	2.37	62	50524	22.661	ug/l	99
5) Bromomethane	2.78	94	35940	21.066	ug/l	100
6) Chloroethane	2.93	64	32897	21.863	ug/l	94
7) Trichlorofluoromethane	3.26	101	35795	22.339	ug/l	96
8) Diethyl Ether	3.68	74	20851	20.884	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42607	22.715	ug/l	98
10) Methyl Iodide	4.27	142	57316	21.855	ug/l	99
11) Tert butyl alcohol	5.18	59	16525	149.876	ug/l	96
12) 1,1-Dichloroethene	4.04	96	40622	22.027	ug/l	97
13) Acrolein	3.90	56	15884	110.133	ug/l	99
14) Allyl chloride	4.67	41	63920	21.325	ug/l	99
15) Acrylonitrile	5.37	53	42976	110.094	ug/l	99
16) Acetone	4.12	43	46060	118.403	ug/l	98
17) Carbon Disulfide	4.39	76	116782	21.287	ug/l	99
18) Methyl Acetate	4.68	43	18683	21.104	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61039	22.114	ug/l	98
20) Methylene Chloride	4.92	84	58106	26.979	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	45327	21.220	ug/l	97
22) Diisopropyl ether	6.32	45	129134	21.378	ug/l	98
23) Vinyl Acetate	6.26	43	383866	106.843	ug/l	100
24) 1,1-Dichloroethane	6.22	63	80656	21.090	ug/l	98
25) 2-Butanone	7.18	43	59668	112.999	ug/l	98
26) 2,2-Dichloropropane	7.17	77	53569	22.327	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49350	21.516	ug/l	99
28) Bromochloromethane	7.51	49	33750	22.261	ug/l	100
29) Tetrahydrofuran	7.54	42	35843	111.859	ug/l	99
30) Chloroform	7.68	83	83047	21.243	ug/l	97
31) Cyclohexane	7.96	56	76740	21.321	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	69705	21.264	ug/l	100
36) 1,1-Dichloropropene	8.09	75	68670	21.576	ug/l	100
37) Ethyl Acetate	7.26	43	27028	21.855	ug/l	99
38) Carbon Tetrachloride	8.07	117	63955	20.766	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79460	21.158	ug/l	98
40) Benzene	8.32	78	183429	21.039	ug/l	99
41) Methacrylonitrile	7.49	41	14538	20.707	ug/l	98
42) 1,2-Dichloroethane	8.40	62	56800	20.933	ug/l	99
43) Isopropyl Acetate	8.43	43	51860	21.484	ug/l	99
44) Trichloroethene	9.10	130	47630	20.655	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44575	20.801	ug/l	100
46) Dibromomethane	9.46	93	23125	20.960	ug/l	99
47) Bromodichloromethane	9.65	83	59418	20.822	ug/l	100
48) Methyl methacrylate	9.44	41	23740	21.459	ug/l	99
49) 1,4-Dioxane	9.45	88	6522	478.151	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	129228	109.706	ug/l	98
52) Toluene	10.39	92	118611	21.141	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56262	20.548	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	68444	20.897	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32336	21.137	ug/l	99
56) Ethyl methacrylate	10.65	69	39048	20.761	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57779	21.335	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97507	106.101	ug/l	98
59) 2-Hexanone	10.97	43	87185	110.907	ug/l	98
60) Dibromochloromethane	11.13	129	36138	20.453	ug/l	100
61) 1,2-Dibromoethane	11.24	107	30347	20.731	ug/l	97
64) Tetrachloroethene	10.87	164	40828	21.588	ug/l	92
65) Chlorobenzene	11.66	112	123673	21.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43591	21.077	ug/l	100
67) Ethyl Benzene	11.73	91	228944	21.154	ug/l	98
68) m/p-Xylenes	11.84	106	173039	42.562	ug/l	99
69) o-Xylene	12.17	106	78032	21.027	ug/l	100
70) Styrene	12.18	104	135374	21.200	ug/l	100
71) Bromoform	12.35	173	19137	20.272	ug/l #	99
73) Isopropylbenzene	12.47	105	222364	20.605	ug/l	99
74) N-amyl acetate	12.27	43	47684	20.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	37154	20.720	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27489m	20.419	ug/l	
77) Bromobenzene	12.75	156	48480	20.035	ug/l	99
78) n-propylbenzene	12.80	91	274755	20.976	ug/l	99
79) 2-Chlorotoluene	12.90	91	153015	20.484	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	193683	21.058	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	10457	20.021	ug/l	95
82) 4-Chlorotoluene	12.99	91	163649	20.979	ug/l	99
83) tert-Butylbenzene	13.21	119	159332	20.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	194310	21.154	ug/l	100
85) sec-Butylbenzene	13.38	105	233556	21.179	ug/l	100
86) p-Isopropyltoluene	13.50	119	213900	21.241	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	98862	20.382	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	100323	21.127	ug/l	99
89) n-Butylbenzene	13.82	91	204554	21.226	ug/l	99
90) Hexachloroethane	14.10	117	37694	20.652	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	89076	21.197	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6044	21.096	ug/l	96

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ClientSampleId :
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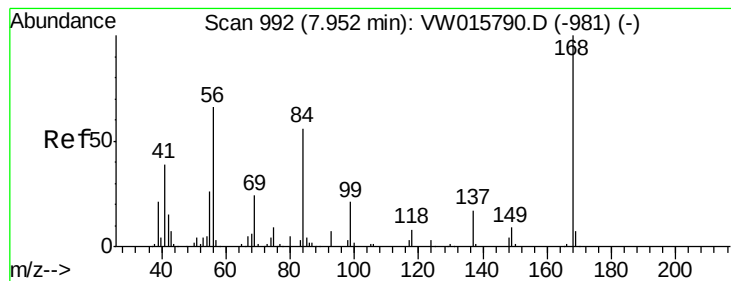
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	54943	20.738	ug/l	99
94) Hexachlorobutadiene	15.24	225	33406	19.859	ug/l	99
95) Naphthalene	15.37	128	89174	19.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	46805	20.762	ug/l	98

(#) = 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: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

Tot Ion:168 Resp: 201898

Ion Ratio Lower Upper

168 100

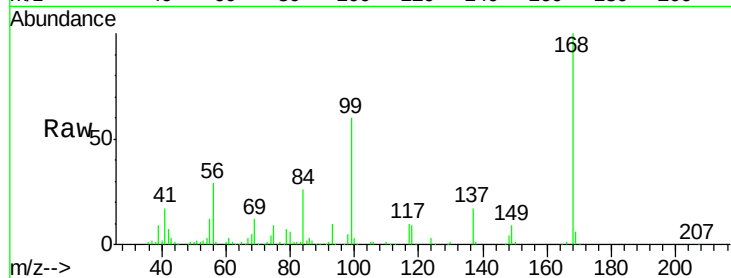
99 60.4 47.8 71.8

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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

100000

80000

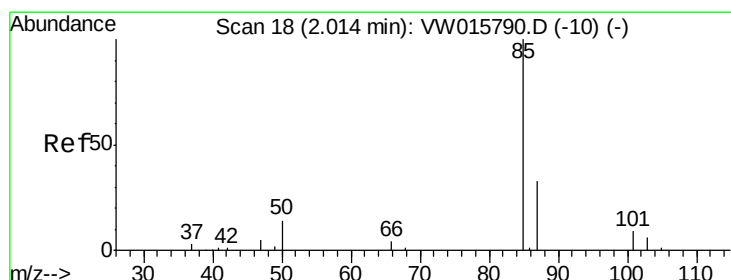
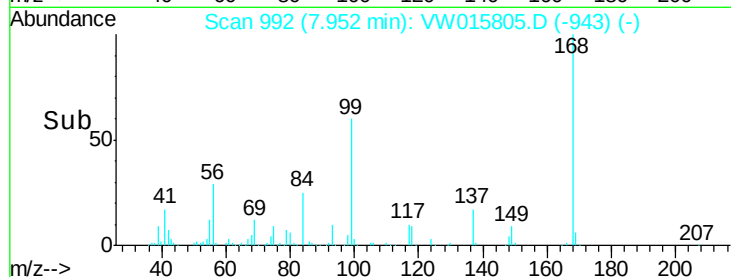
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.361 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015805.D

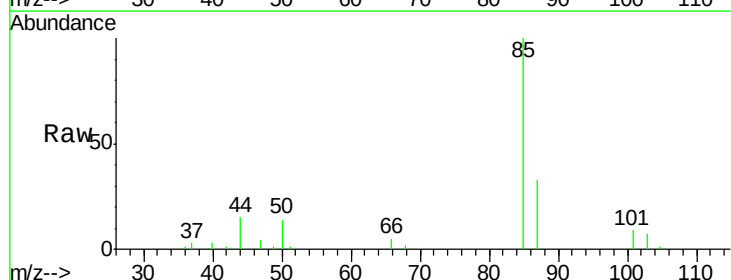
Acq: 08 Jul 2020 12:57

Tgt Ion: 85 Resp: 25903

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

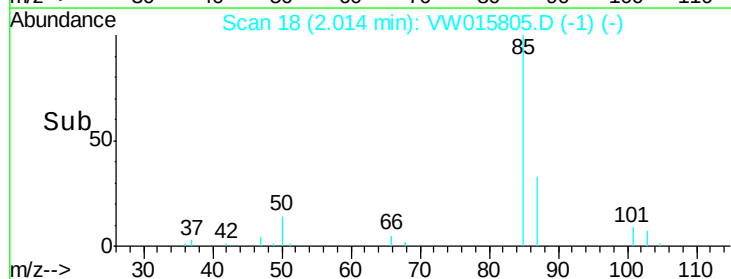
6000

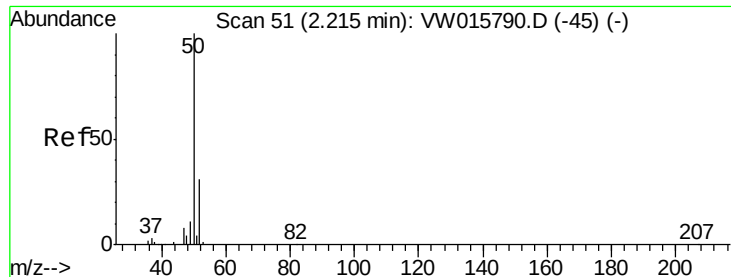
4000

2000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 20.832 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 50 Resp: 30082

Ion Ratio Lower Upper

50 100

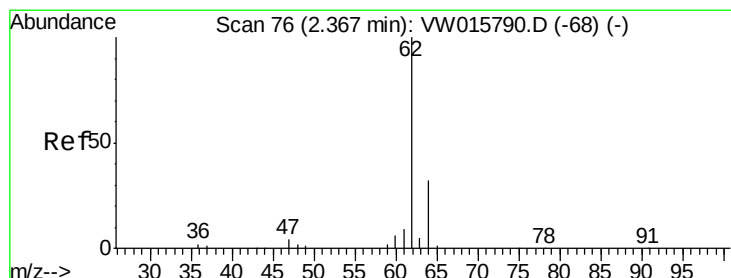
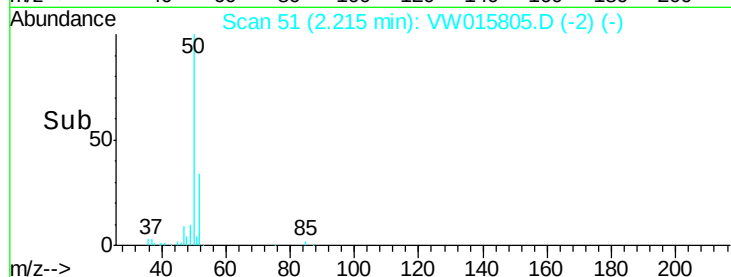
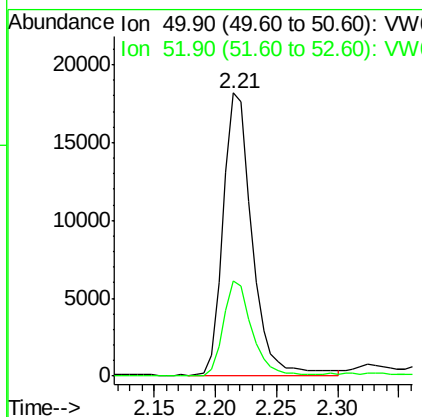
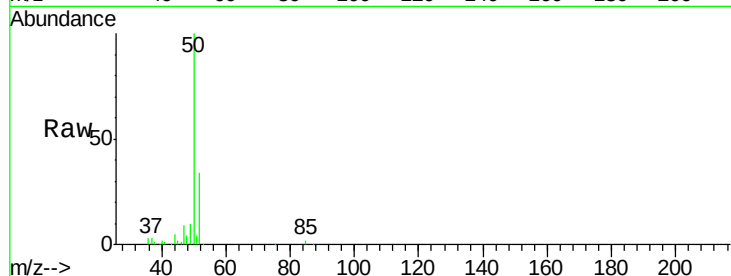
52 33.6 25.2 37.8

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#4

Vinyl Chloride

Concen: 22.661 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015805.D

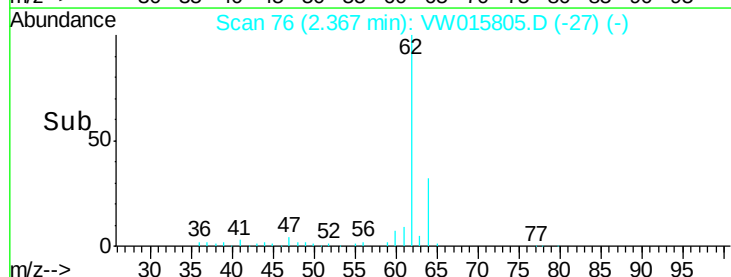
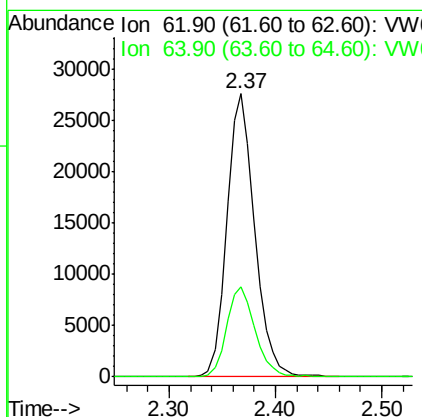
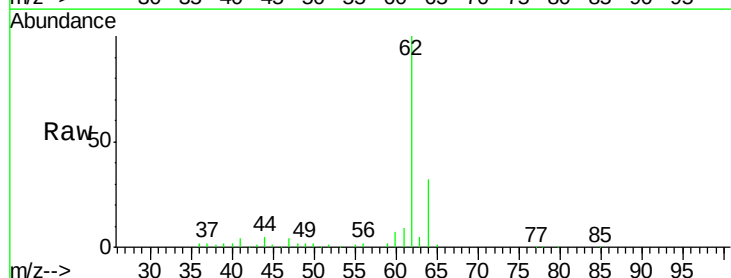
Acq: 08 Jul 2020 12:57

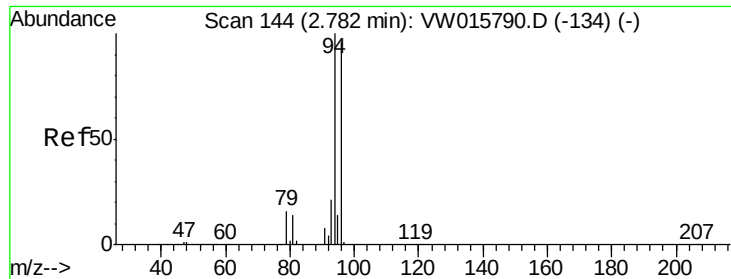
Tgt Ion: 62 Resp: 50524

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 21.066 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion: 94 Resp: 35940

Ion Ratio Lower Upper

94 100

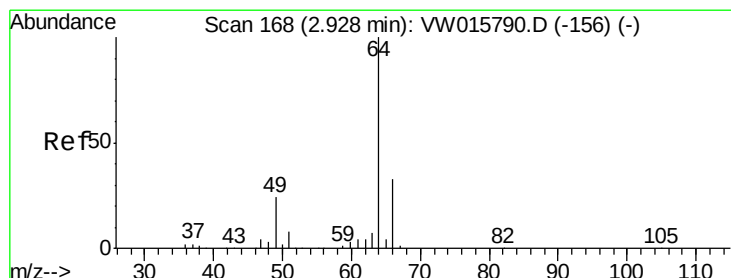
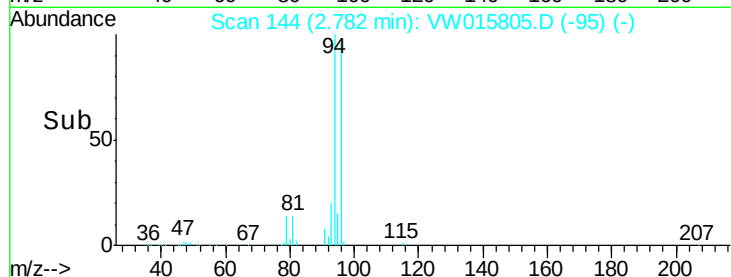
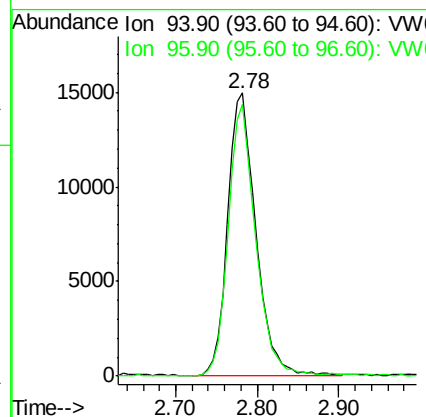
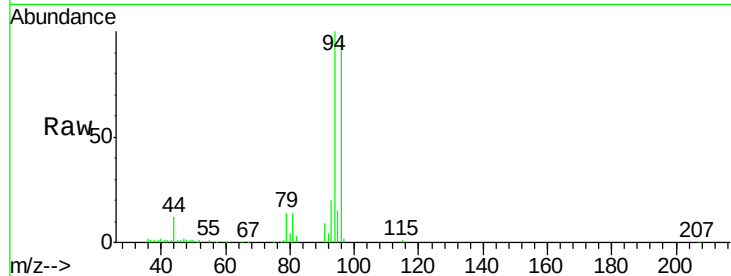
96 95.9 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 21.863 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015805.D

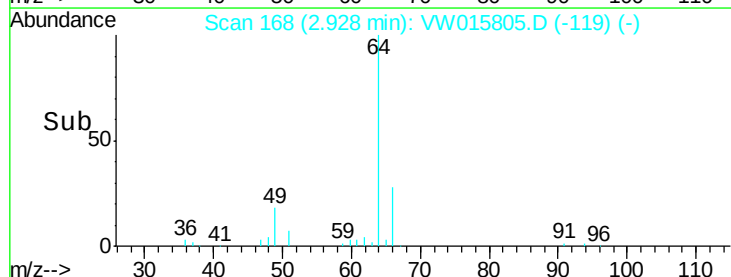
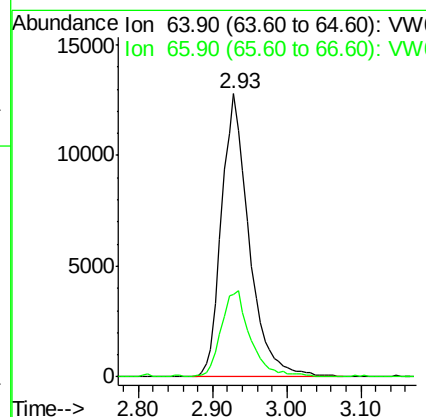
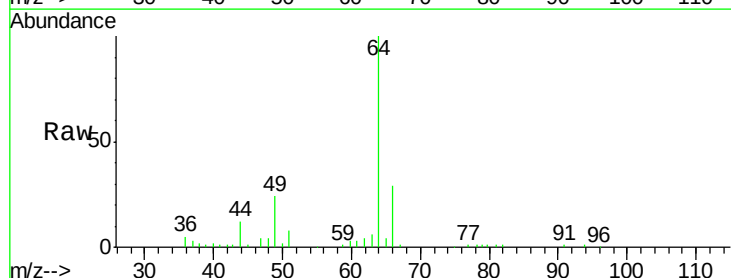
Acq: 08 Jul 2020 12:57

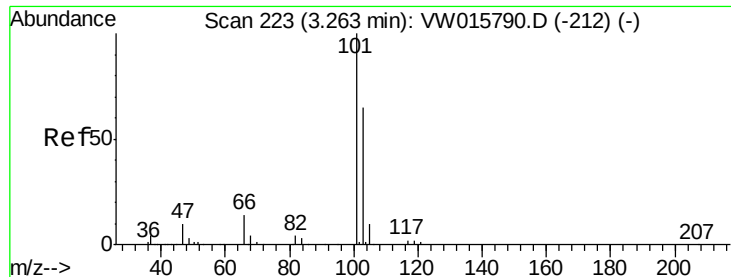
Tgt Ion: 64 Resp: 32897

Ion Ratio Lower Upper

64 100

66 29.2 26.0 39.0





#7

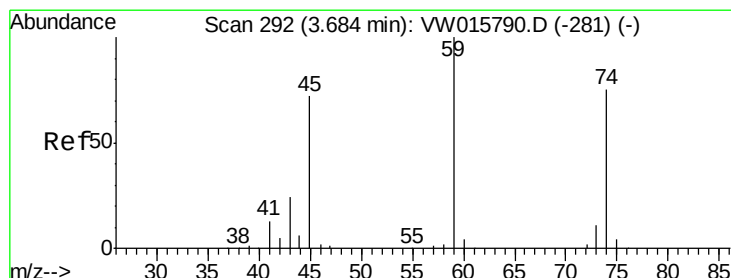
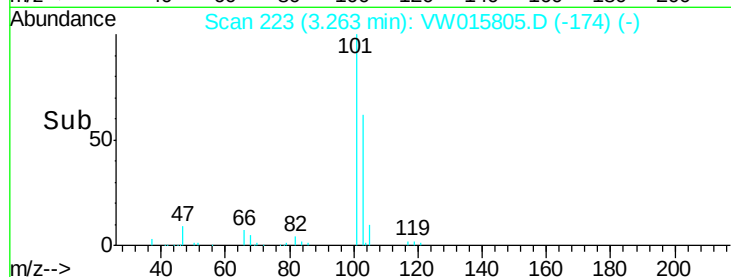
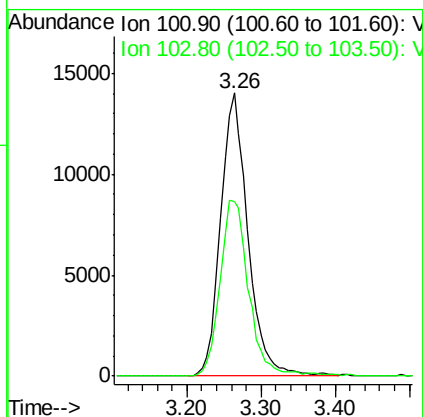
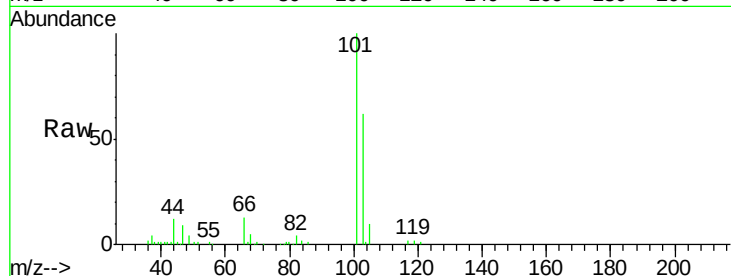
Trichlorofluoromethane
Concen: 22.339 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	52.2	78.4

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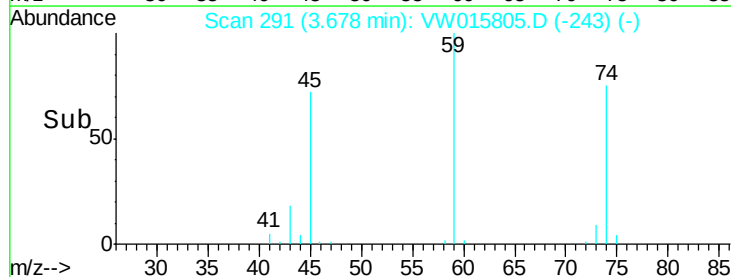
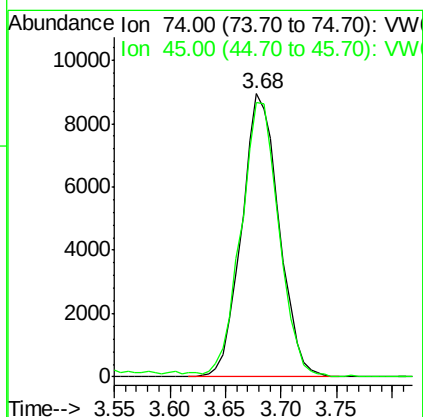
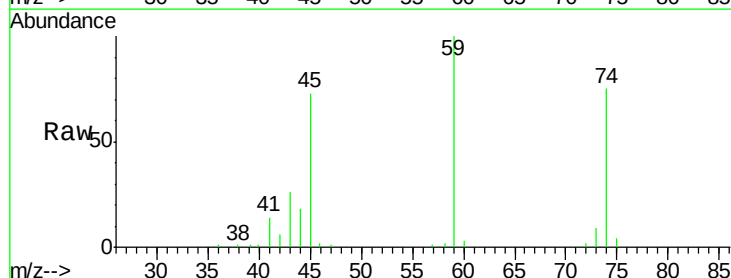
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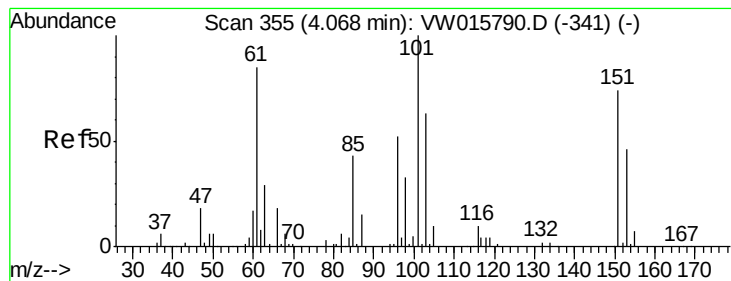


#8

Diethyl Ether
Concen: 20.884 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.715 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

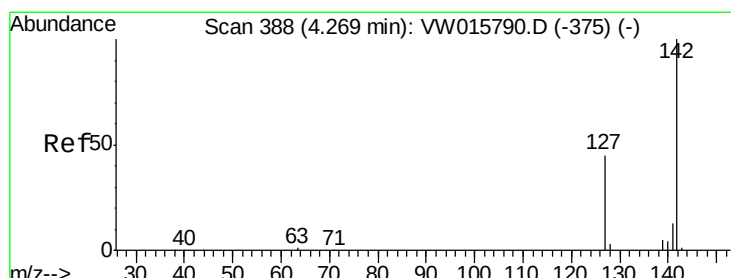
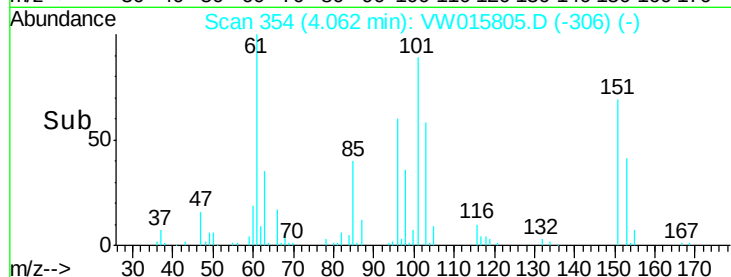
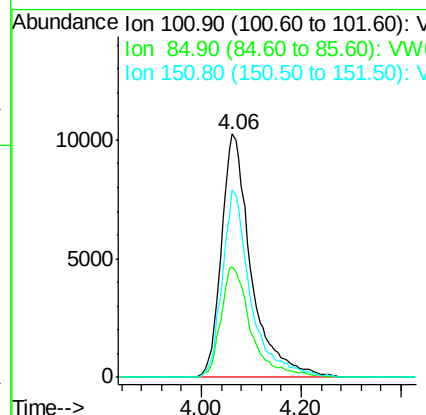
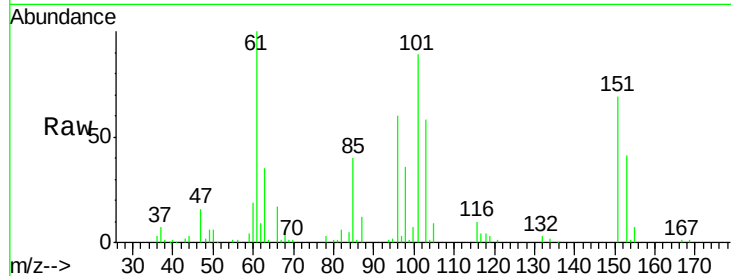
ClientSampleId :

VW0708SBS01

Tot Ion:	101	Resp:	42607
Ion Ratio	Lower	Upper	
101	100		
85	45.6	36.1	54.1
151	73.0	60.3	90.5

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#10

Methyl Iodide

Concen: 21.855 ug/l

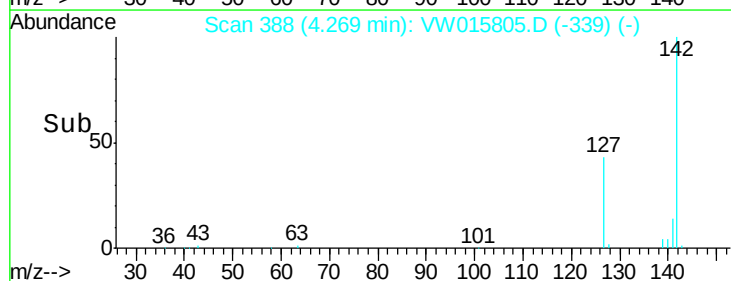
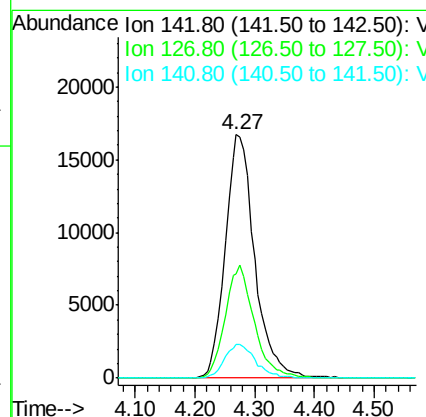
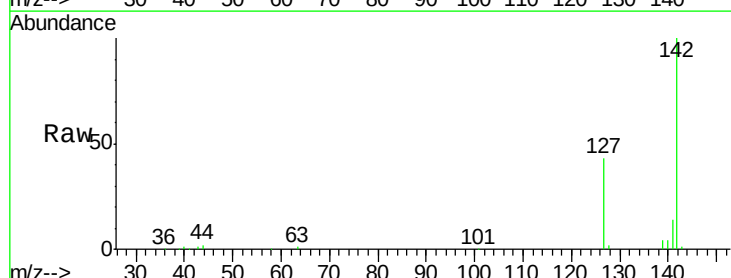
RT: 4.27 min Scan# 388

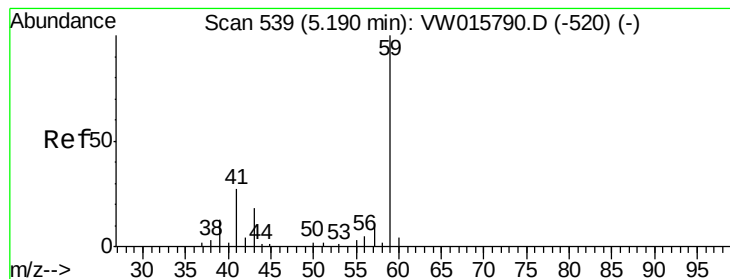
Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion:	142	Resp:	57316
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.1	54.1
141	14.5	11.7	17.5





#11

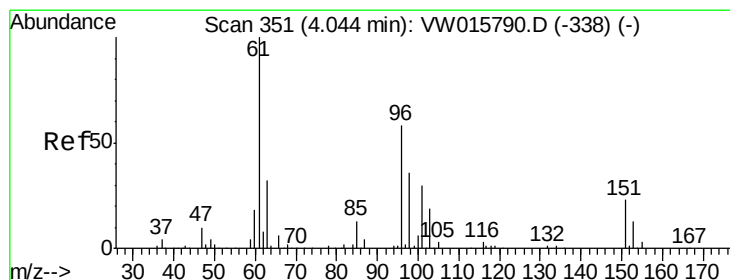
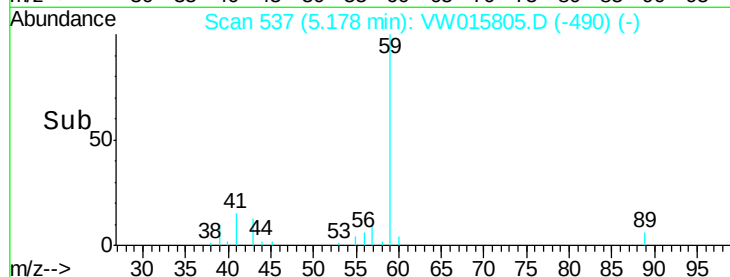
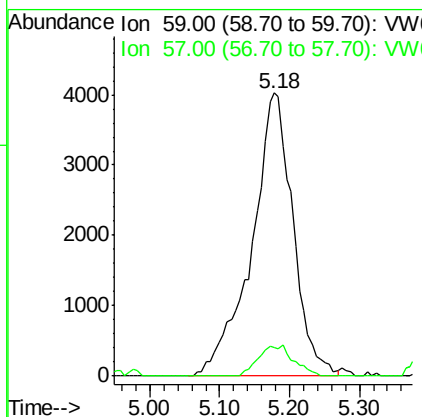
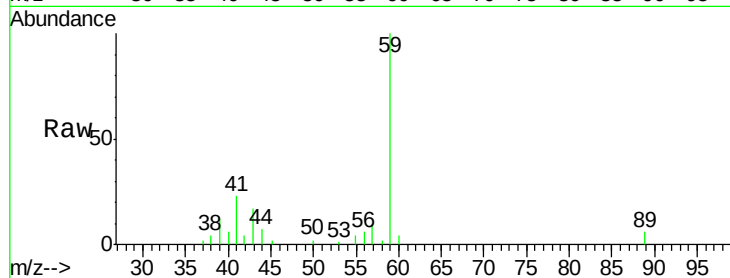
Tert butyl alcohol
 Concen: 149.876 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.7	13.1

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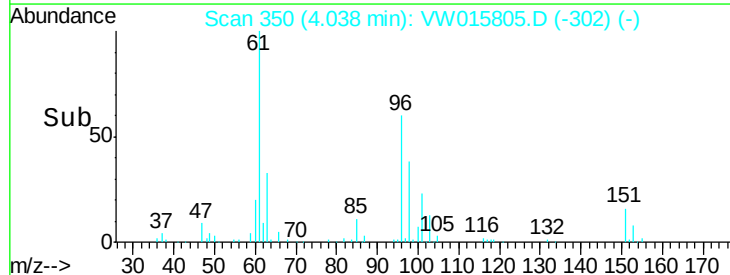
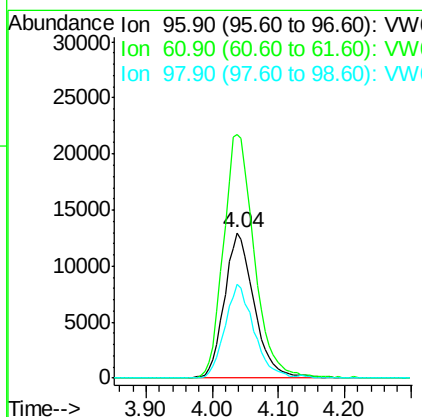
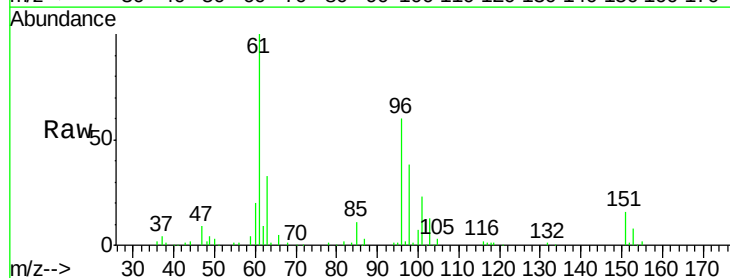
MMDadoda
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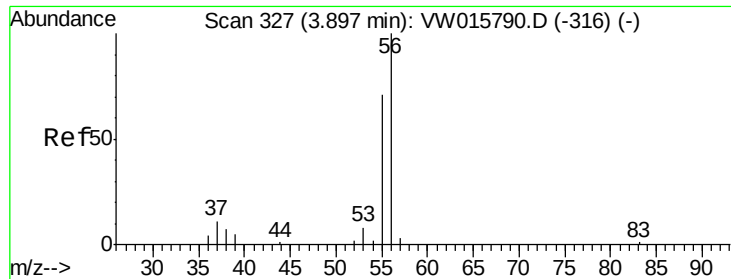


#12

1,1-Dichloroethene
 Concen: 22.027 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.6	137.0	205.4
98	64.2	49.3	73.9





#13

Acrolein

Concen: 110.133 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

Tot Ion: 56 Resp: 15884

Ion Ratio Lower Upper

56 100

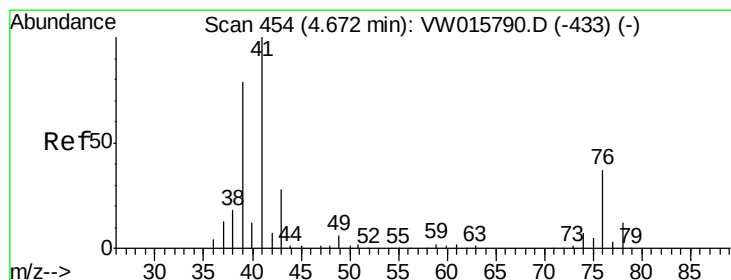
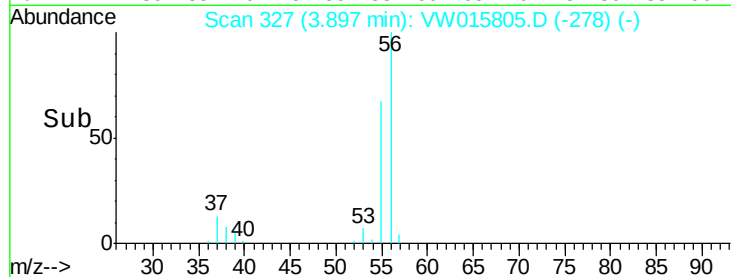
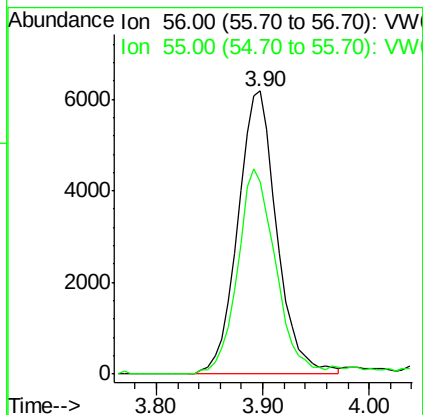
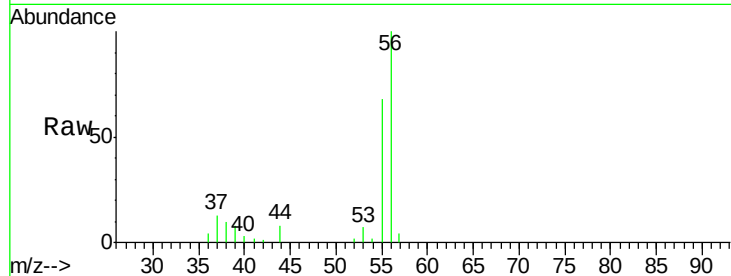
55 70.4 55.8 83.6

Manual Integrations

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#14

Allyl chloride

Concen: 21.325 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

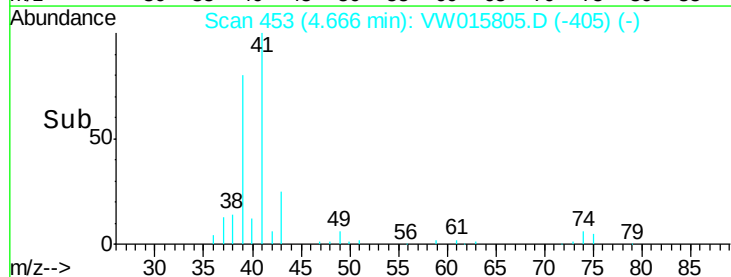
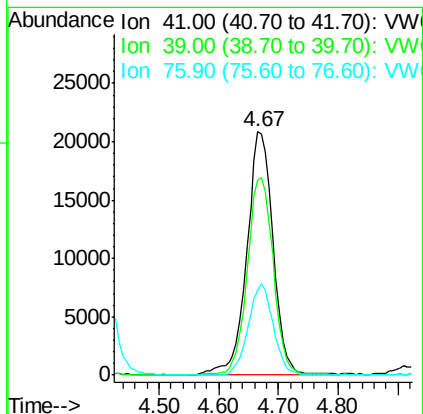
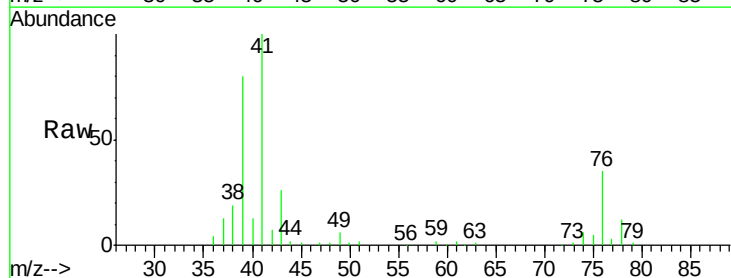
Tgt Ion: 41 Resp: 63920

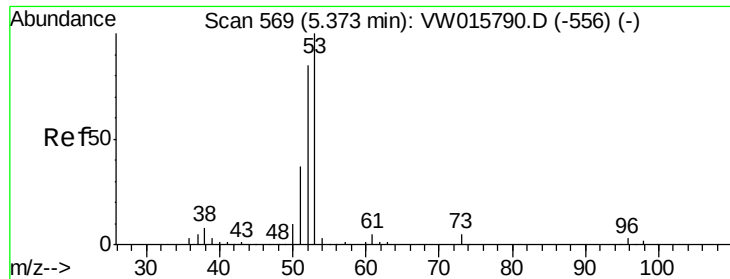
Ion Ratio Lower Upper

41 100

39 80.9 64.0 96.0

76 35.4 28.9 43.3





#15

Acrylonitrile

Concen: 110.094 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

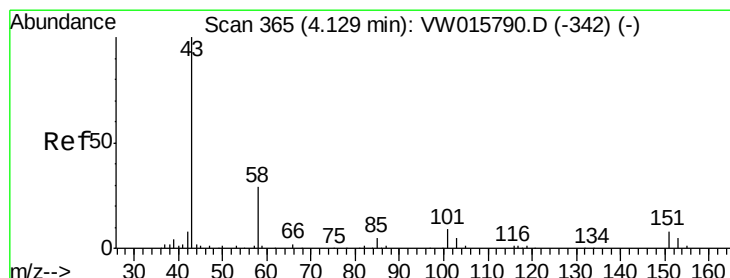
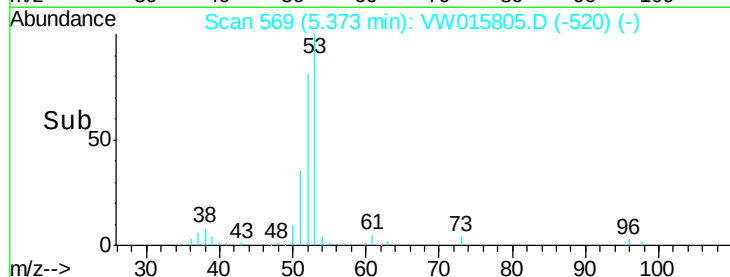
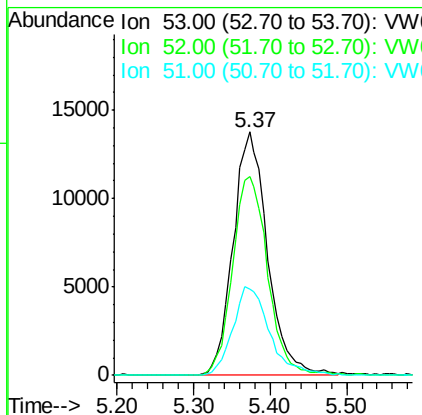
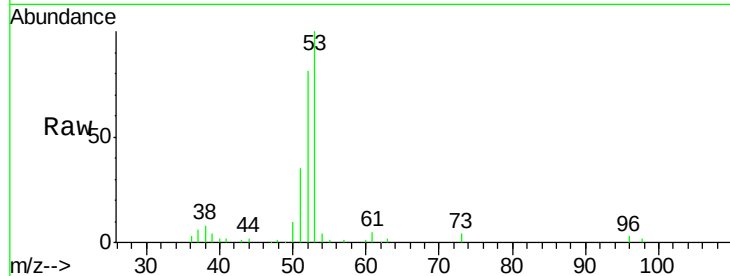
ClientSampleId :

VW0708SBS01

Tot Ion:	53	Resp:	42976
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.8	98.8
51	38.7	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 118.403 ug/l

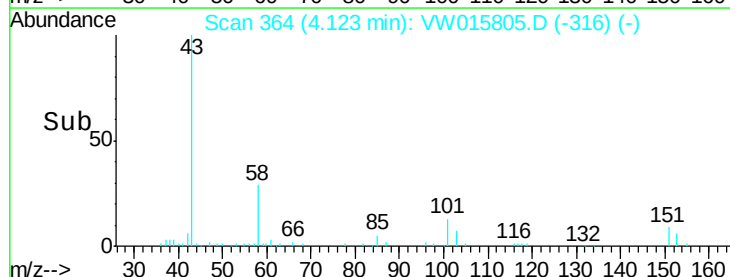
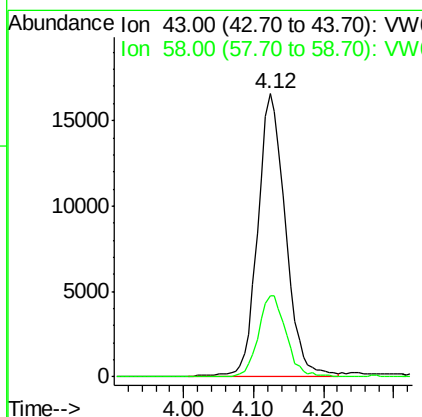
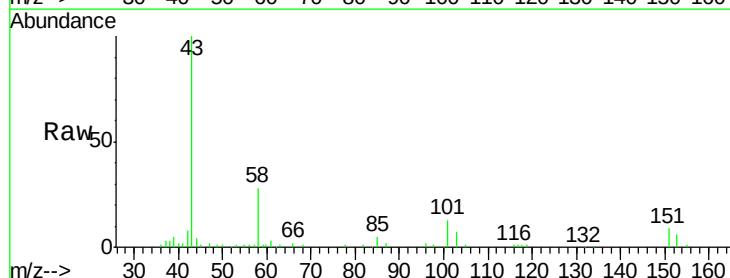
RT: 4.12 min Scan# 364

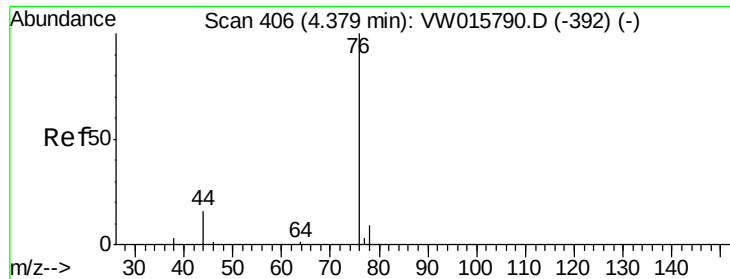
Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion:	43	Resp:	46060
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.5	35.3





#17

Carbon Disulfide

Concen: 21.287 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBSD01

Tot Ion: 76 Resp: 116782

Ion Ratio Lower Upper

76 100

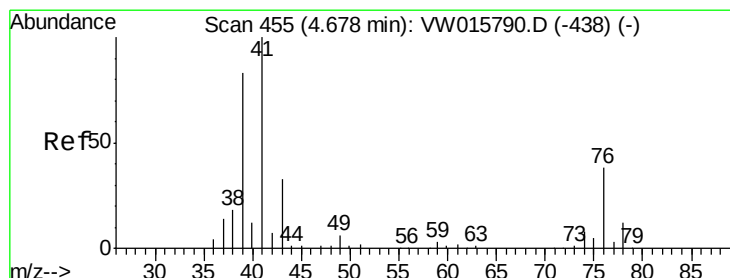
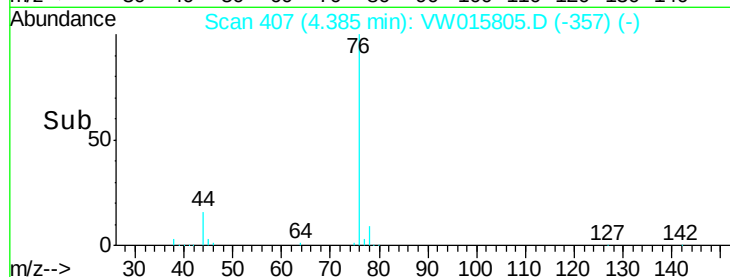
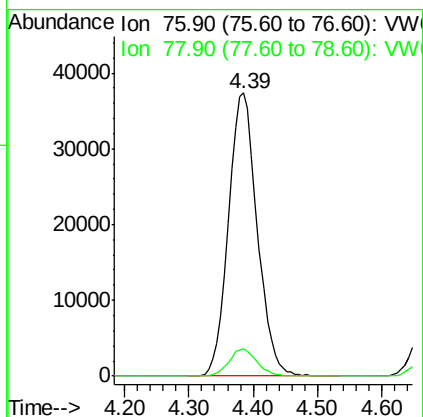
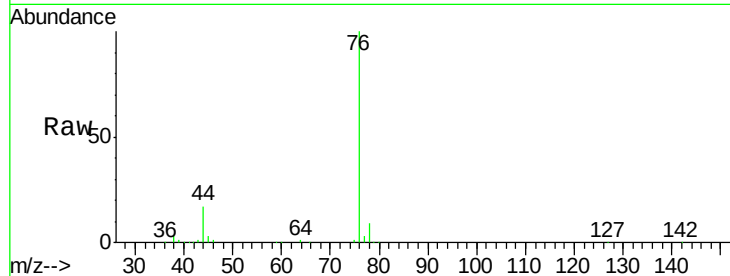
78 9.5 7.4 11.0

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#18

Methyl Acetate

Concen: 21.104 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015805.D

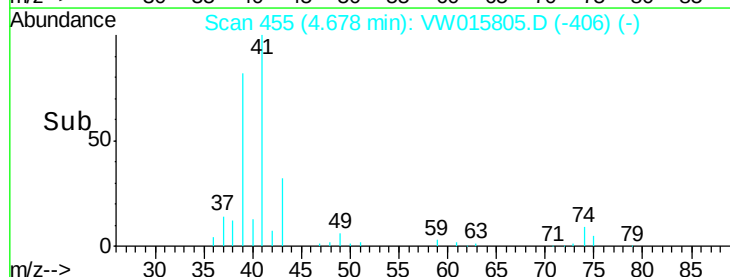
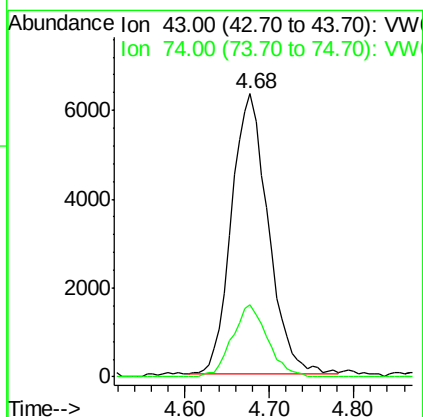
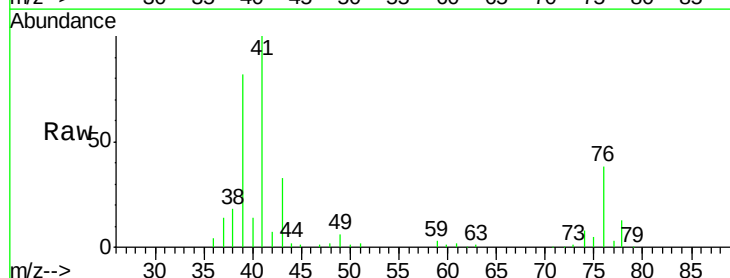
Acq: 08 Jul 2020 12:57

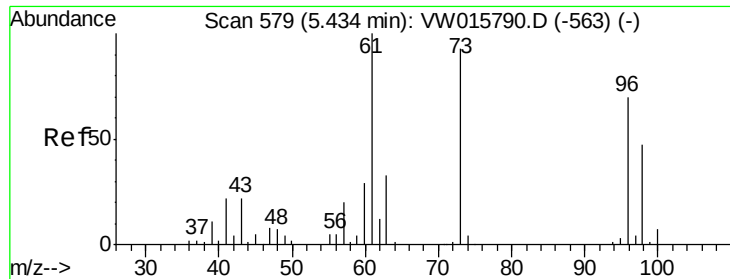
Tgt Ion: 43 Resp: 18683

Ion Ratio Lower Upper

43 100

74 24.6 19.2 28.8





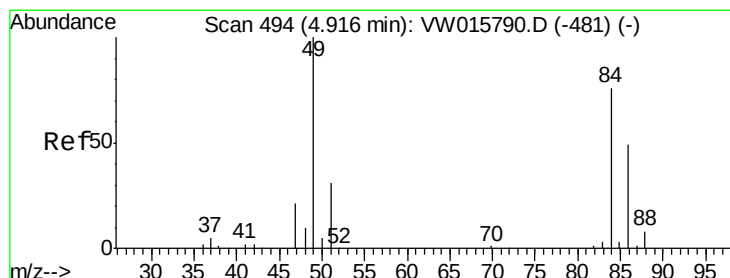
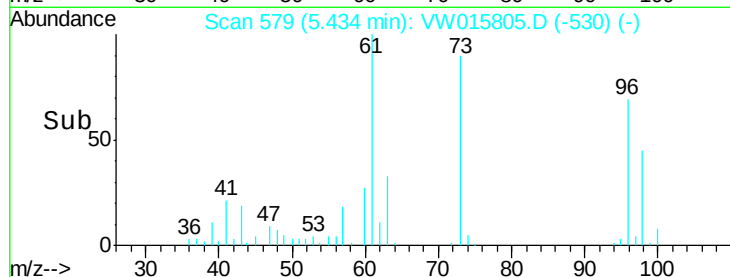
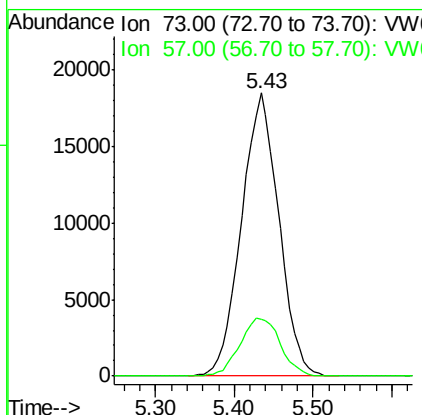
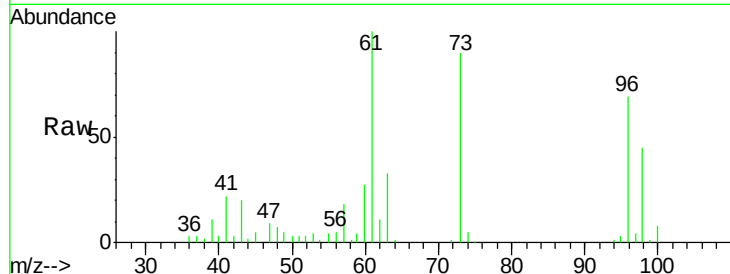
#19
Methyl tert-butyl Ether
Concen: 22.114 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 73 Resp: 61039
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2

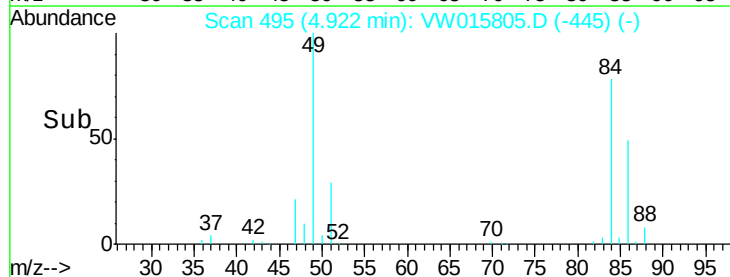
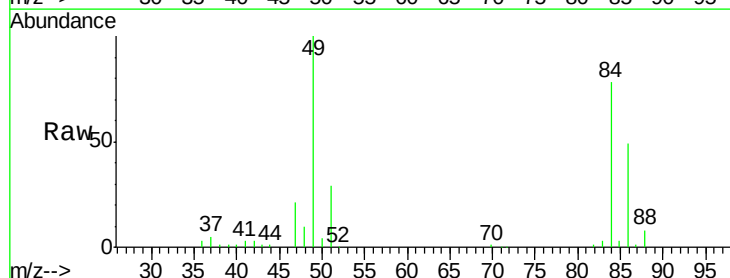
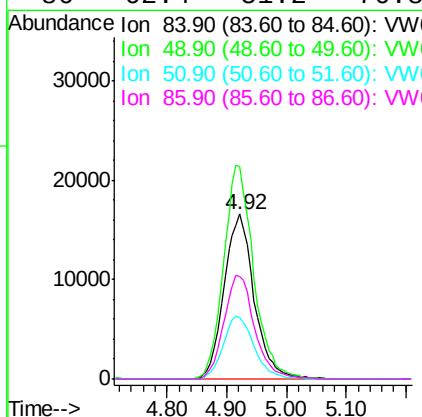
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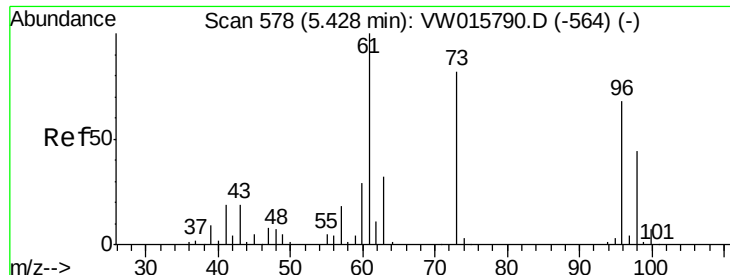
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#20
Methylene Chloride
Concen: 26.979 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 84 Resp: 58106
Ion Ratio Lower Upper
84 100
49 128.5 105.0 157.6
51 37.5 32.3 48.5
86 62.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.220 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

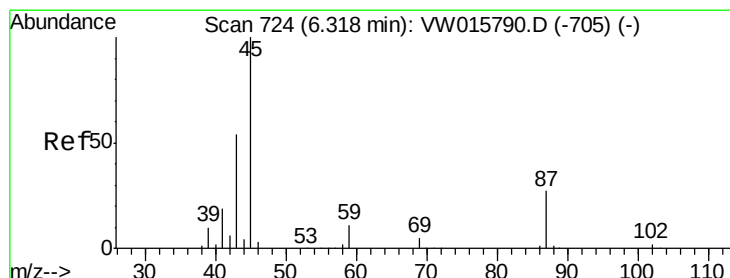
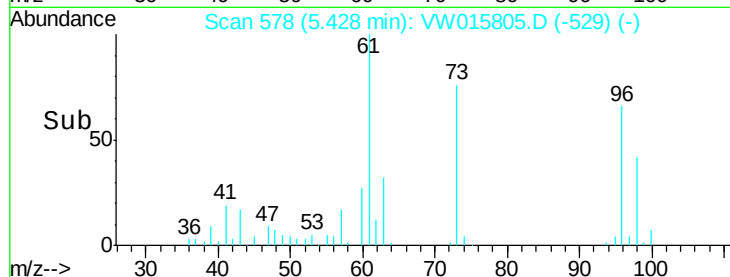
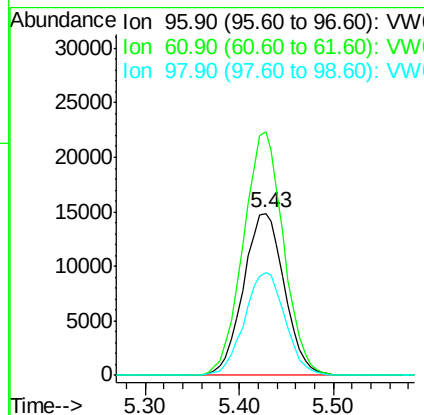
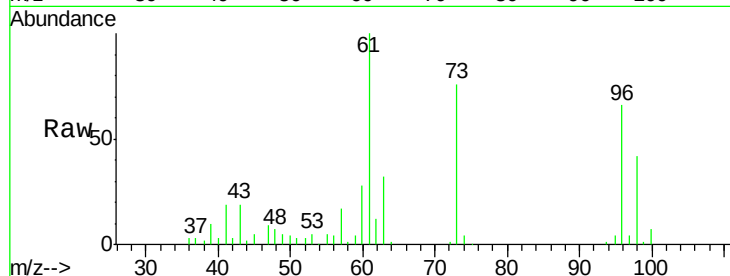
ClientSampleId :

VW0708SBS01

Tot Ion:	96	Resp:	45327
Ion	Ratio	Lower	Upper
96	100		
61	150.4	118.1	177.1
98	63.1	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.378 ug/l

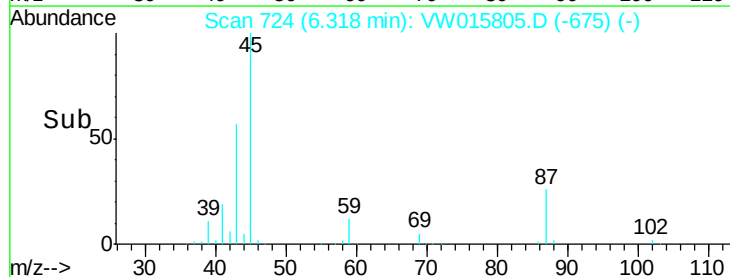
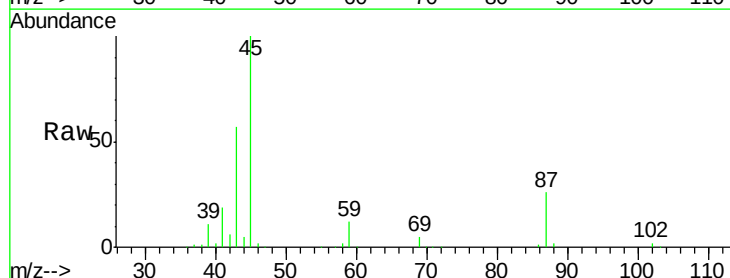
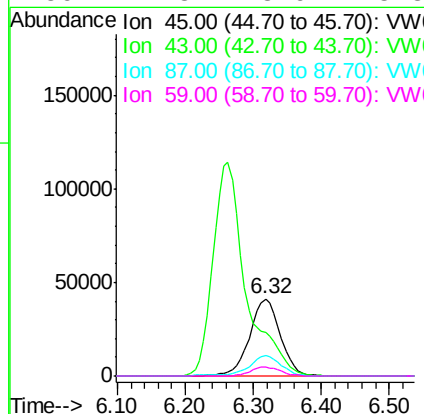
RT: 6.32 min Scan# 724

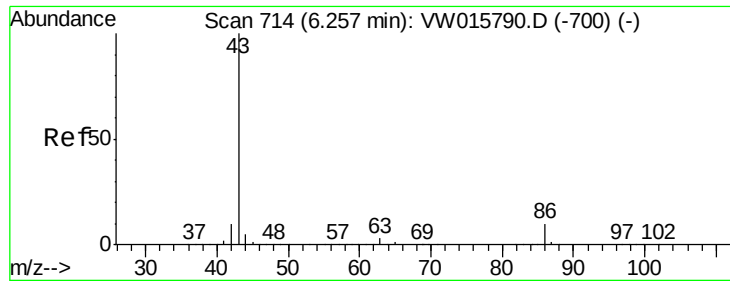
Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion:	45	Resp:	129134
Ion	Ratio	Lower	Upper
45	100		
43	56.3	43.8	65.6
87	26.0	22.1	33.1
59	11.8	8.9	13.3





#23

Vinyl Acetate

Concen: 106.843 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

Tot Ion: 43 Resp: 383866

Ion Ratio Lower Upper

43 100

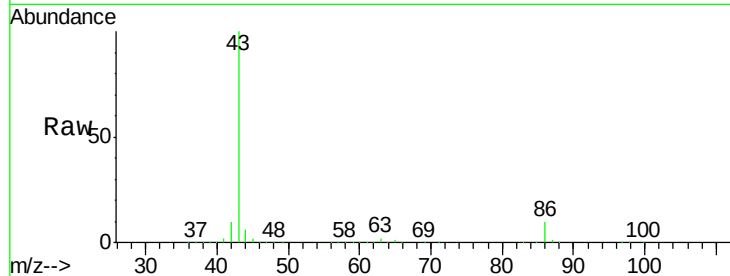
86 10.5 8.2 12.4

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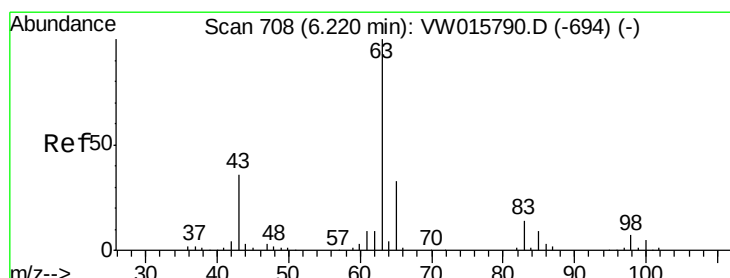
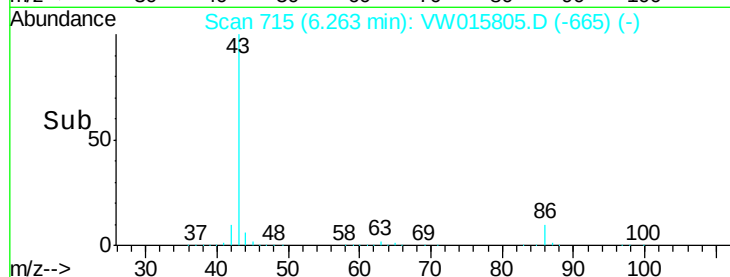
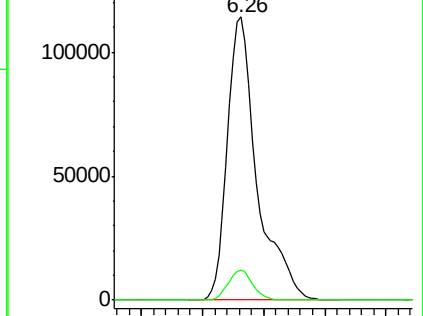
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.090 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

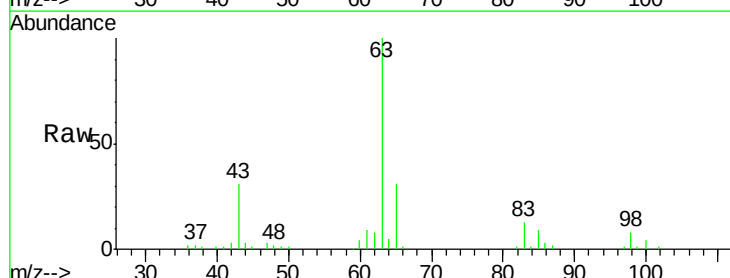
Tgt Ion: 63 Resp: 80656

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

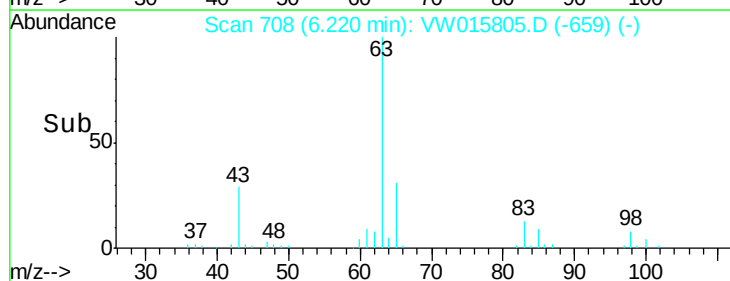
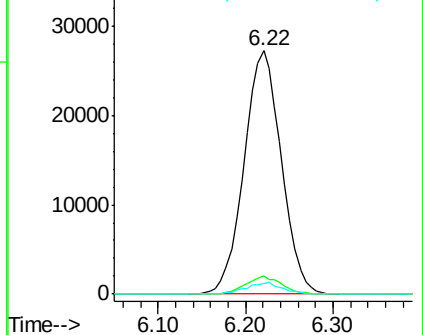
100 4.4 2.4 7.1

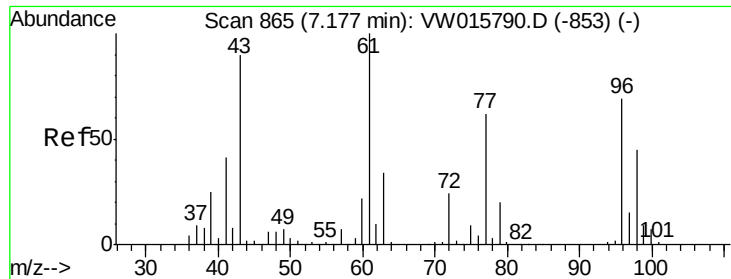


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 112.999 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

Tot Ion: 43 Resp: 59668

Ion Ratio Lower Upper

43 100

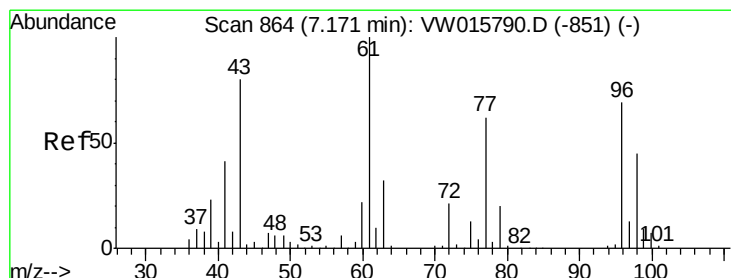
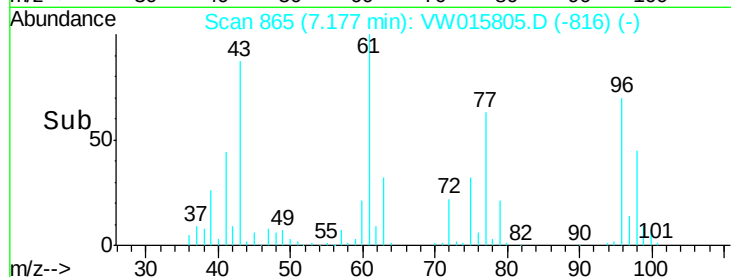
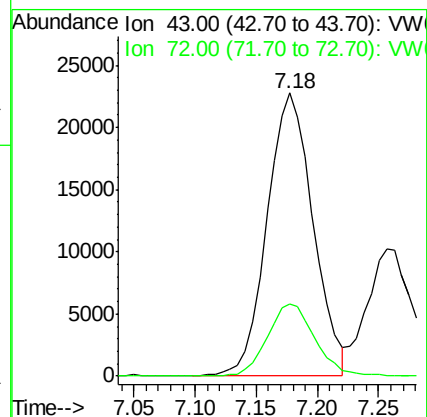
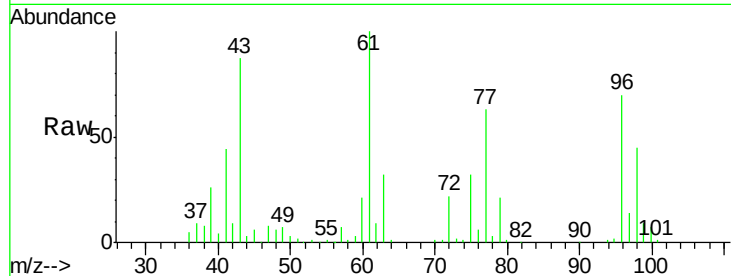
72 25.5 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 22.327 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015805.D

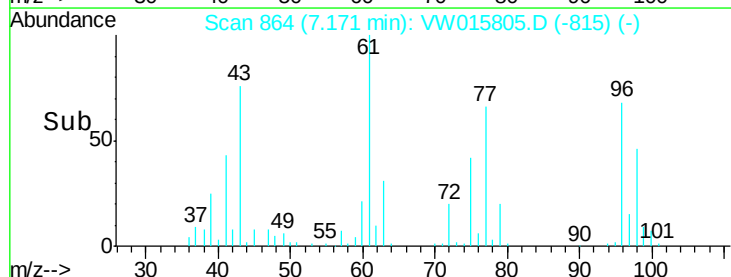
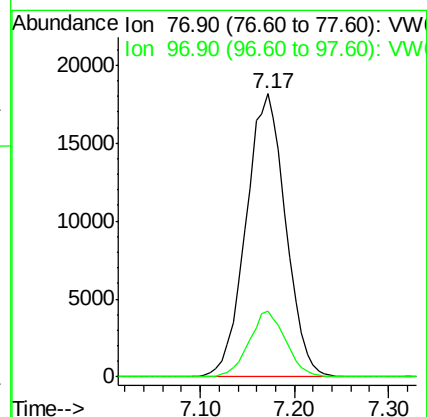
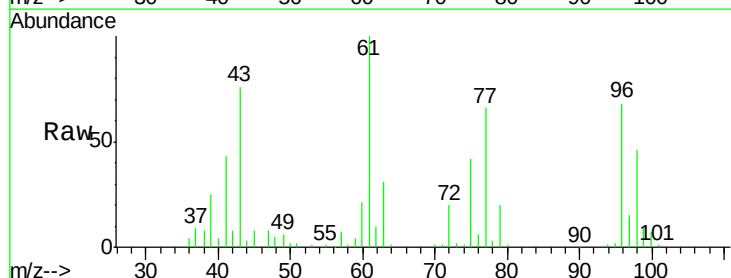
Acq: 08 Jul 2020 12:57

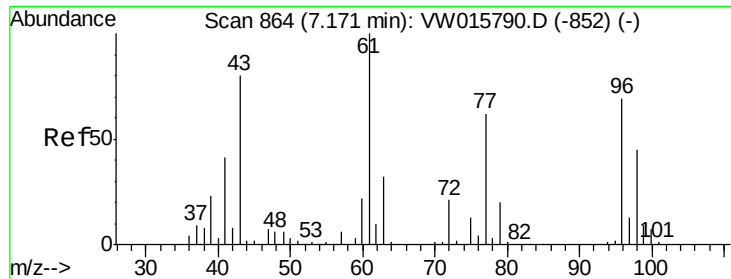
Tgt Ion: 77 Resp: 53569

Ion Ratio Lower Upper

77 100

97 21.5 11.0 33.0





#27

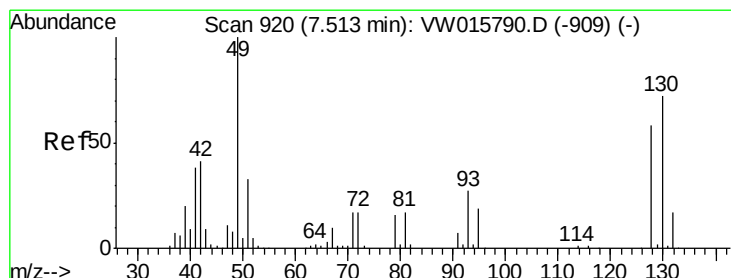
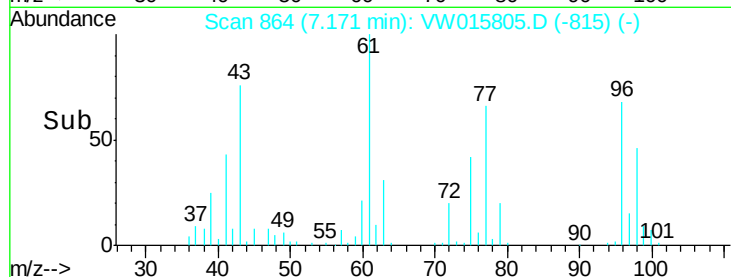
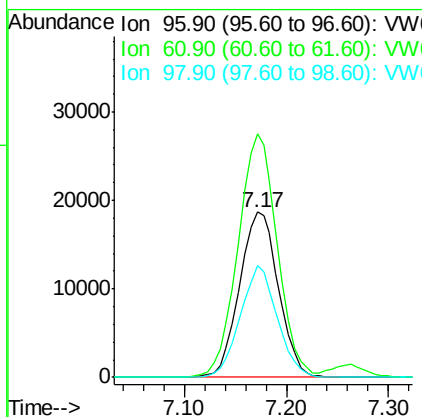
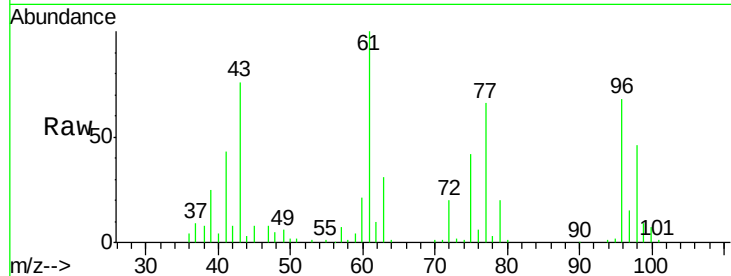
cis-1,2-Dichloroethene
Concen: 21.516 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	49350		
61	148.6	0.0	292.2	
98	64.3	0.0	129.0	

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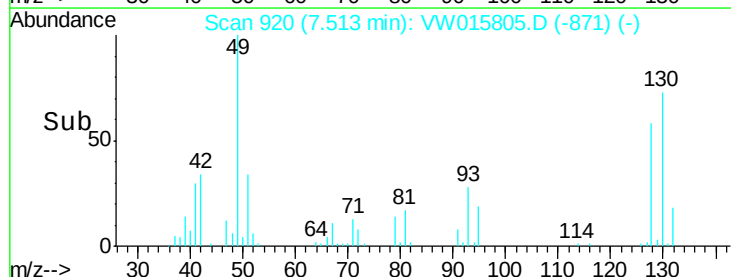
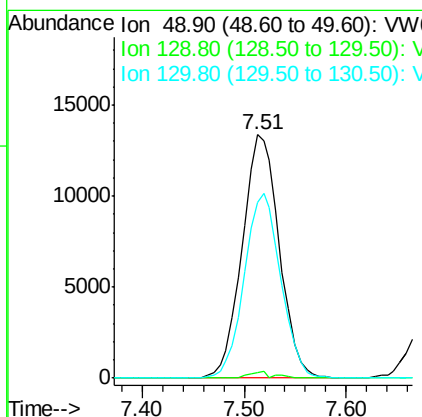
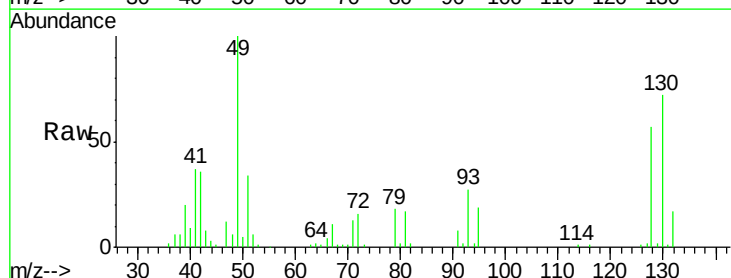
MMDadoda
7/9/2020 10:47:30 AM

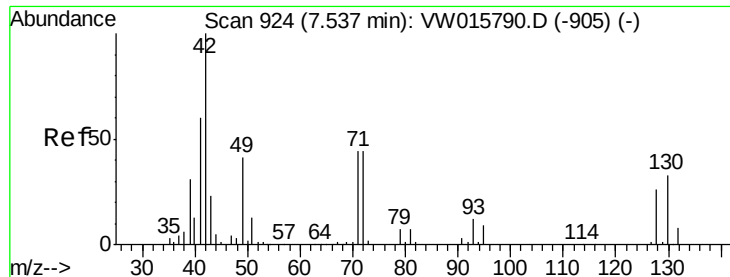


#28

Bromochloromethane
Concen: 22.261 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33750		
129	1.8	0.0	2.6	
130	74.4	59.5	89.3	





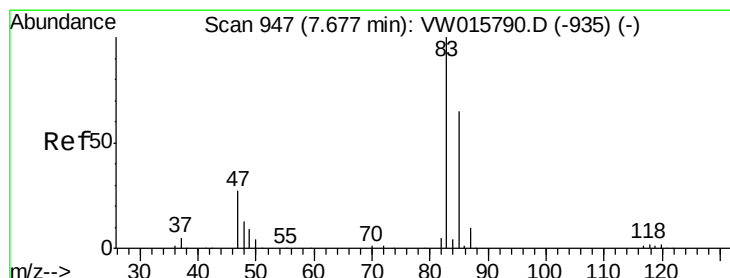
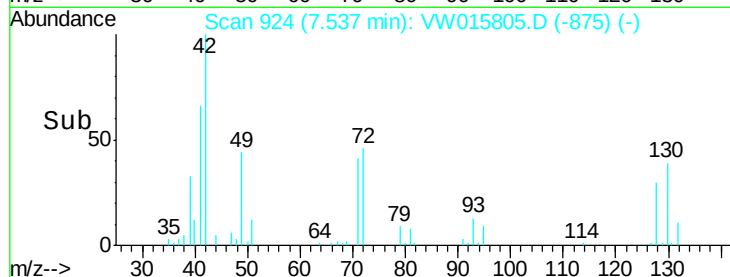
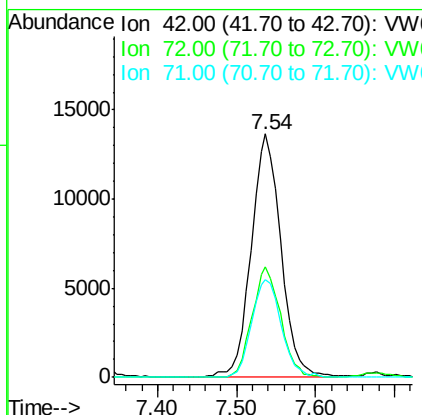
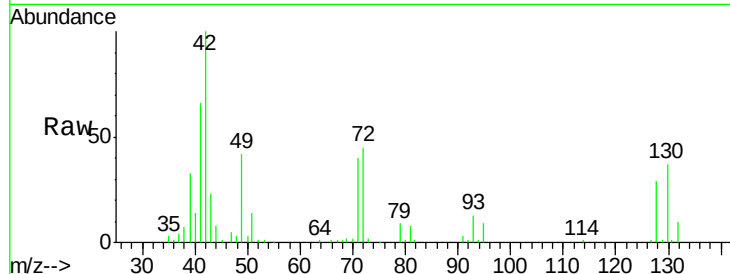
#29
Tetrahydrofuran
Concen: 111.859 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	51.8
71	39.9	32.8	49.2

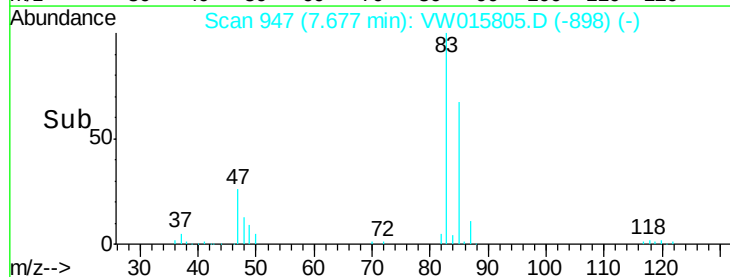
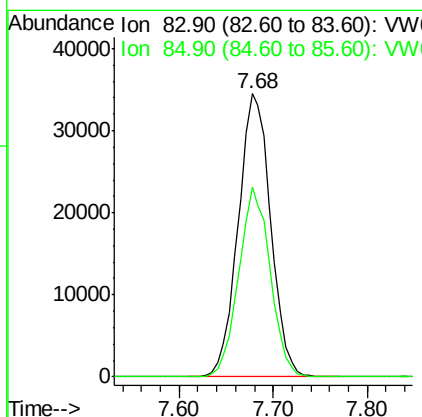
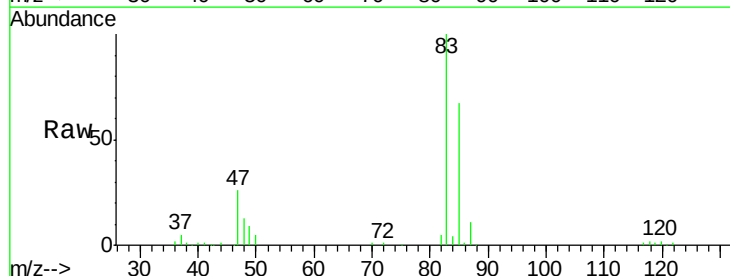
Manual Integrations
APPROVED

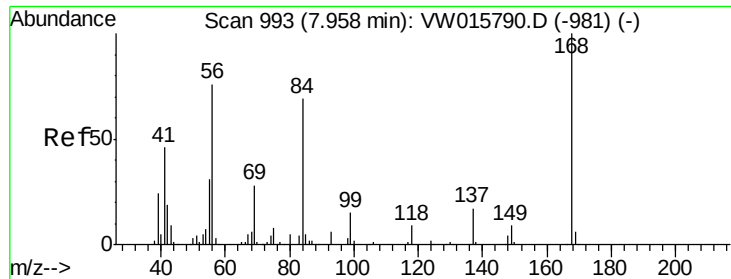
MMDadoda
7/9/2020 10:47:30 AM



#30
Chloroform
Concen: 21.243 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.6	77.4





#31

Cyclohexane

Concen: 21.321 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

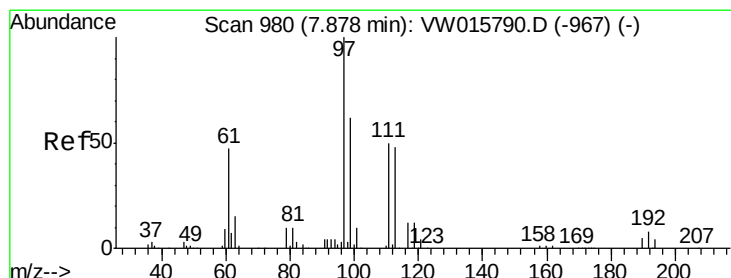
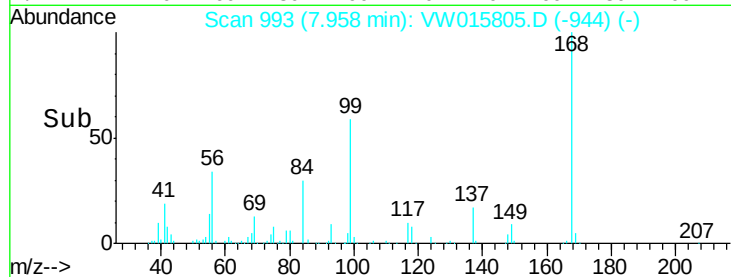
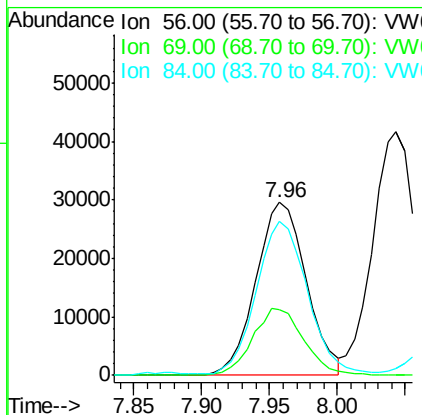
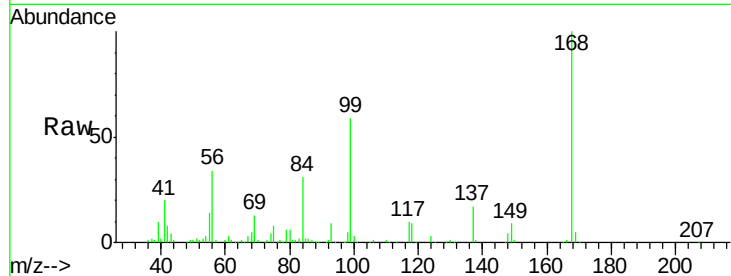
ClientSampleId :

VW0708SBS01

Tot Ion:	56	Resp:	76740
Ion Ratio	Lower	Upper	
56	100		
69	38.3	28.9	43.3
84	87.7	72.2	108.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.264 ug/l

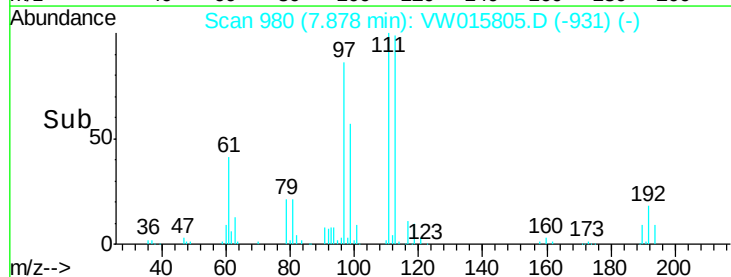
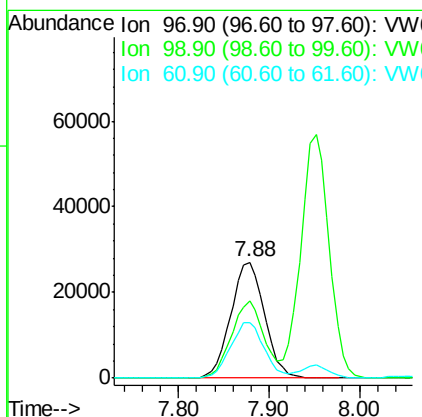
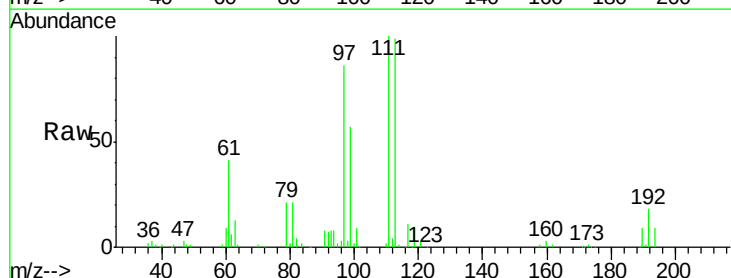
RT: 7.88 min Scan# 980

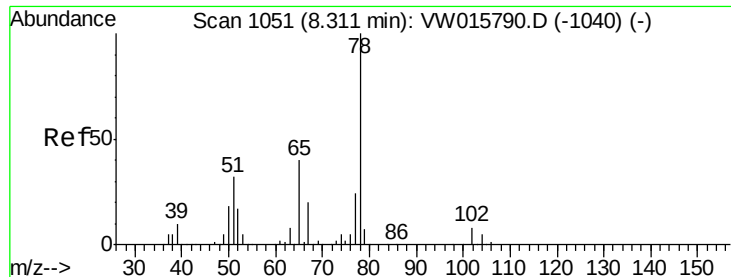
Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion:	97	Resp:	69705
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.0	76.4
61	48.1	38.6	57.8





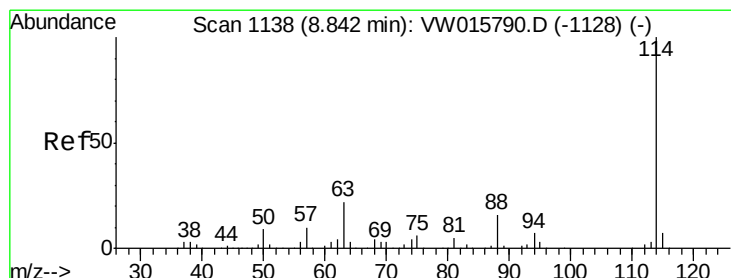
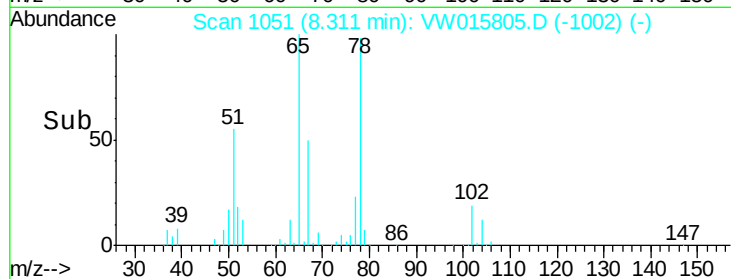
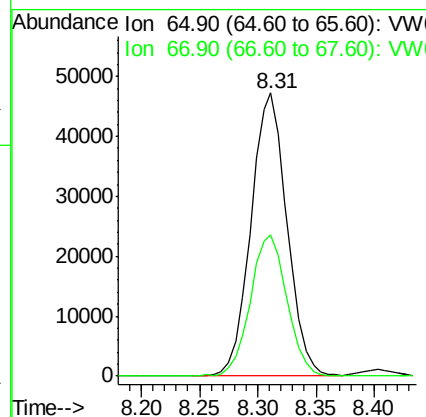
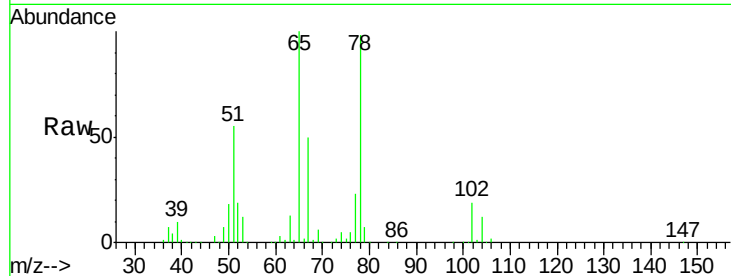
#33
 1,2-Dichloroethane-d4
 Concen: 49.006 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101887		
67	50.6	0.0	101.4	

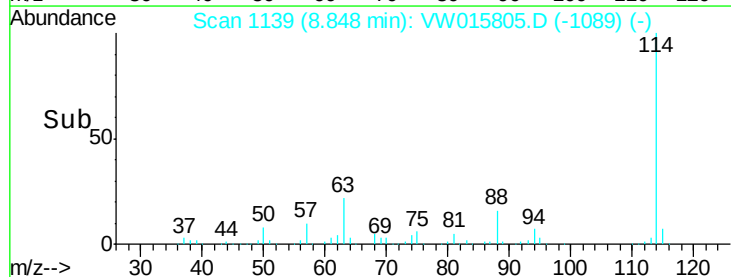
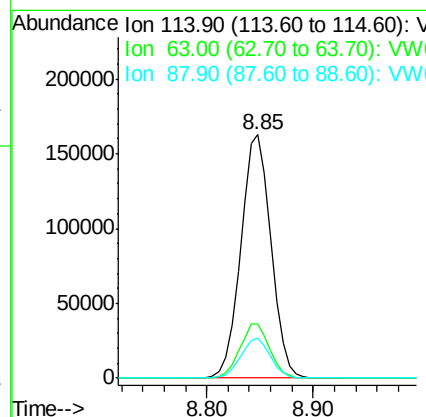
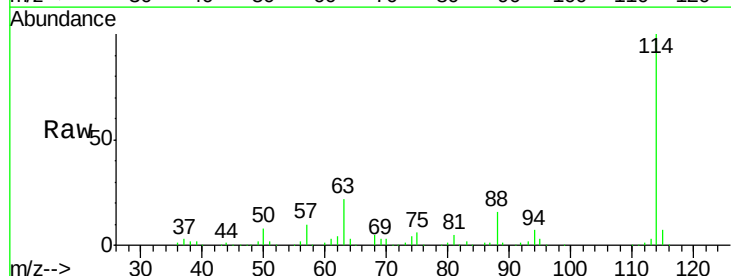
Manual Integrations
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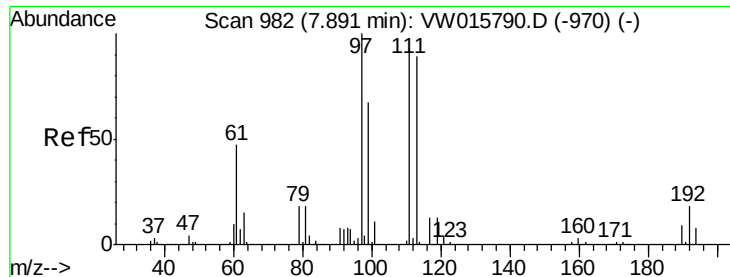
MMDadoda
 7/9/2020 10:47:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	322870		
63	22.2	0.0	44.4	
88	16.5	0.0	32.6	





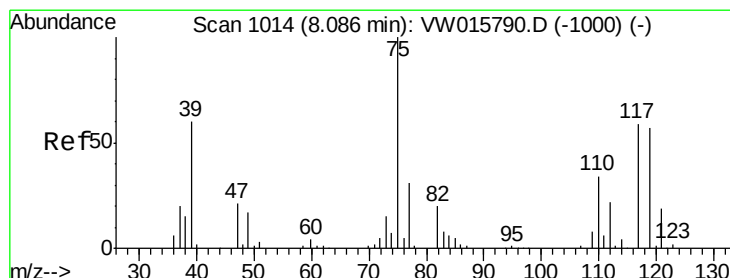
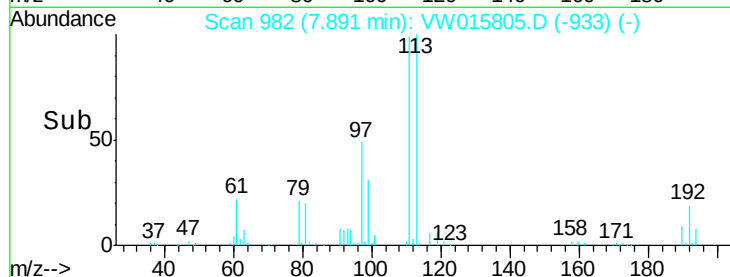
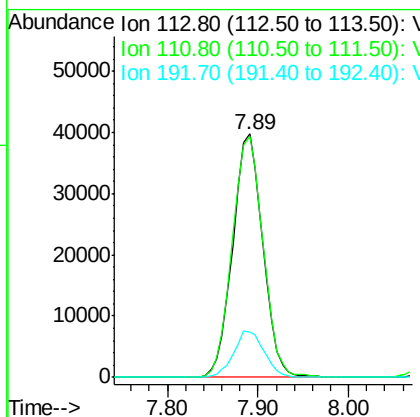
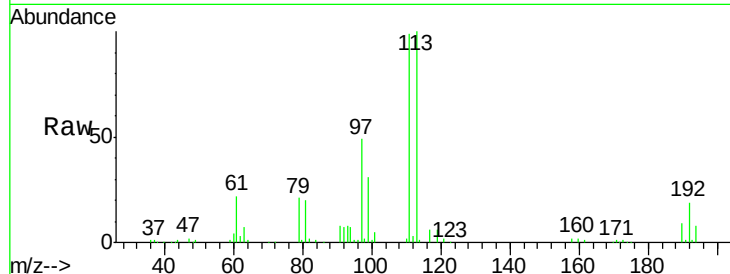
#35
 Dibromofluoromethane
 Concen: 48.609 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.8	124.2
192	19.3	15.4	23.2

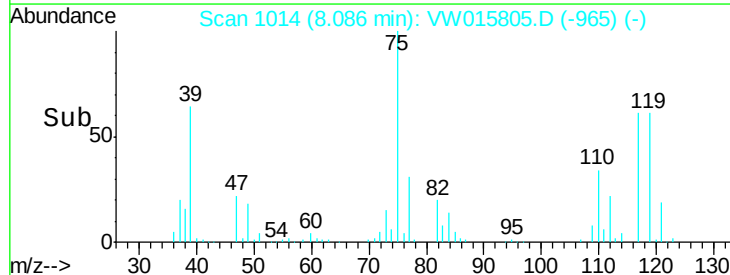
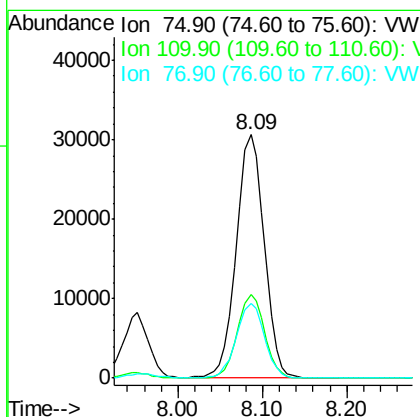
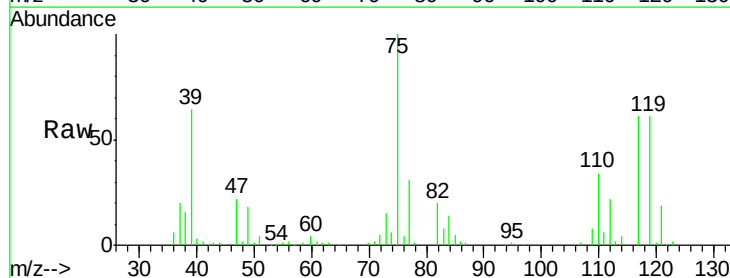
Manual Integrations
 APPROVED

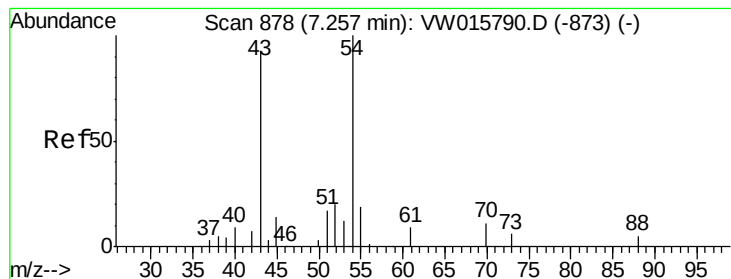
MMDadoda
 7/9/2020 10:47:30 AM



#36
 1,1-Dichloropropene
 Concen: 21.576 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.8	50.3
77	30.9	24.7	37.1





#37

Ethyl Acetate

Concen: 21.855 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

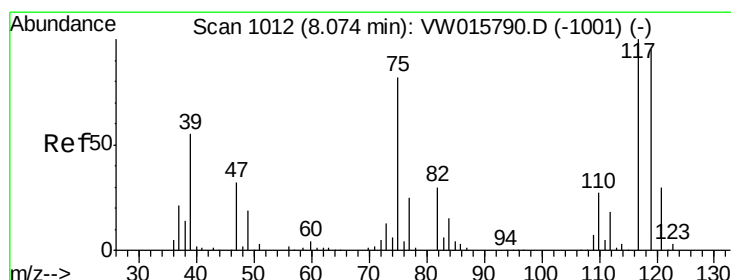
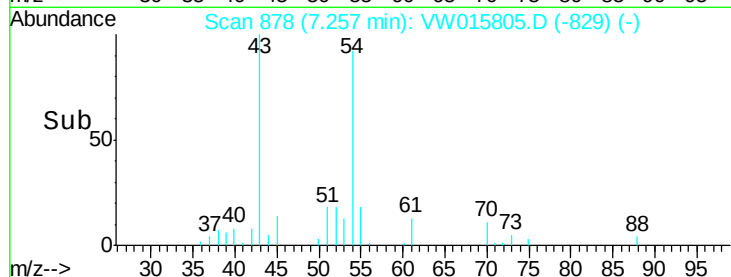
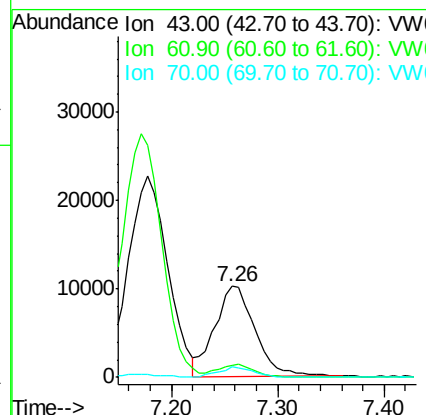
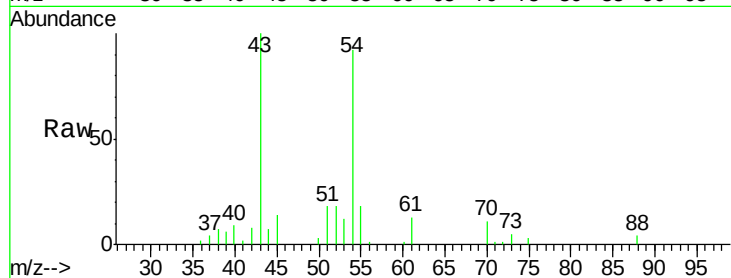
ClientSampled :

VW0708SBS01

Tot Ion:	43	Resp:	27028
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	10.1	8.4	12.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 20.766 ug/l

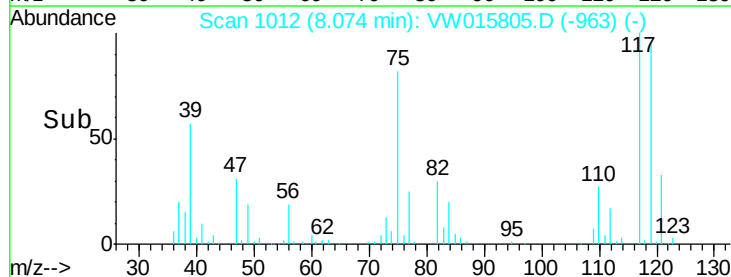
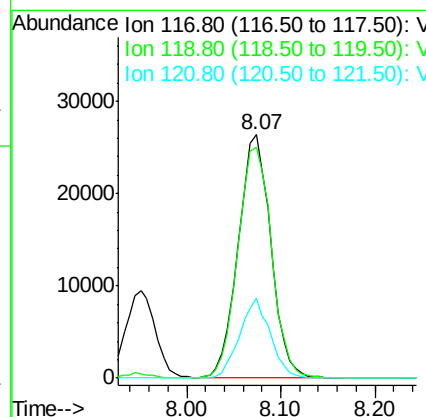
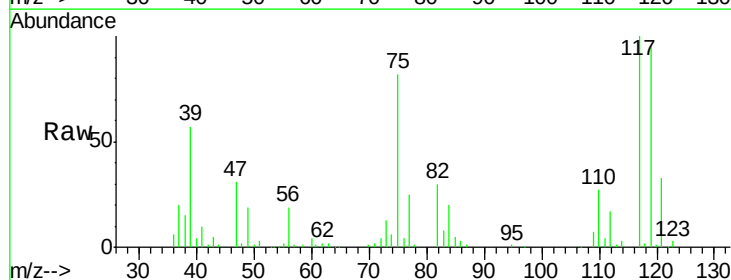
RT: 8.07 min Scan# 1012

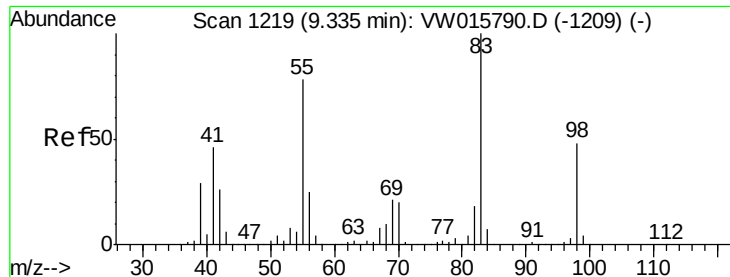
Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion:	117	Resp:	63955
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.3	114.5
121	32.5	24.0	36.0





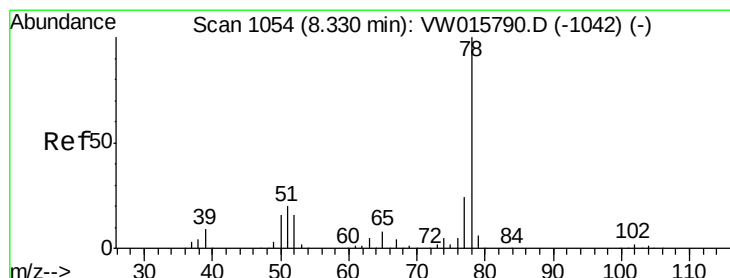
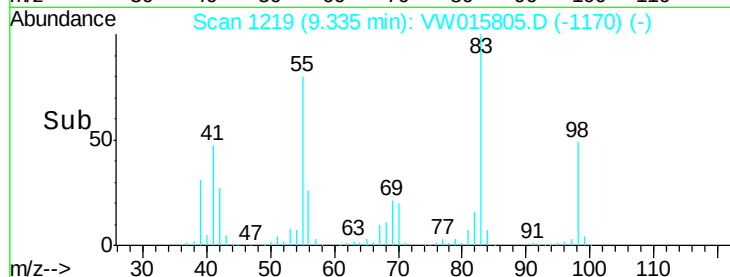
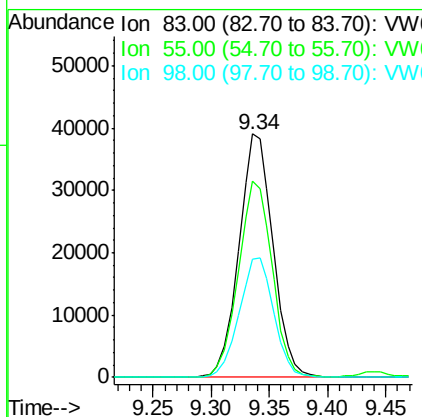
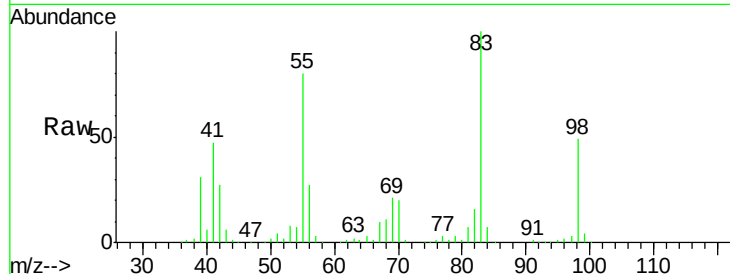
#39
Methylvlcyclohexane
Concen: 21.158 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.3	62.6	94.0
98	48.6	38.6	58.0

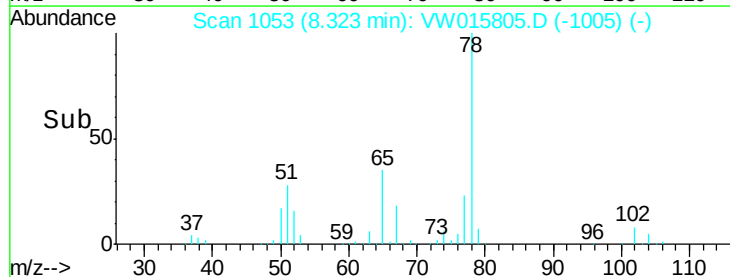
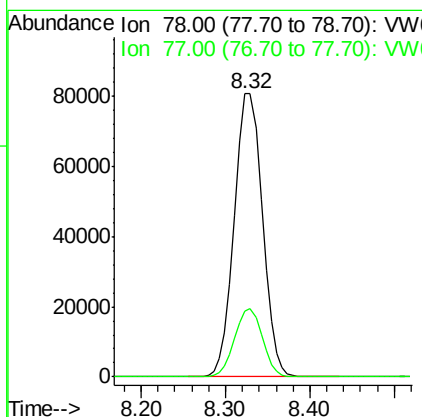
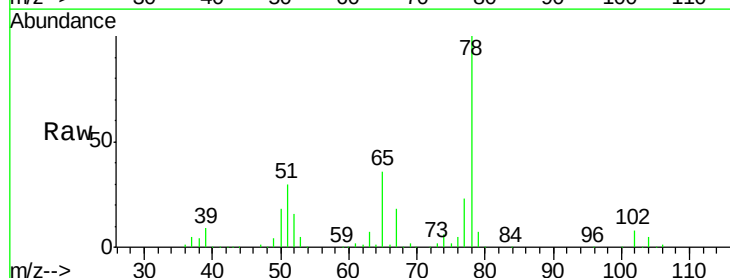
Manual Integrations
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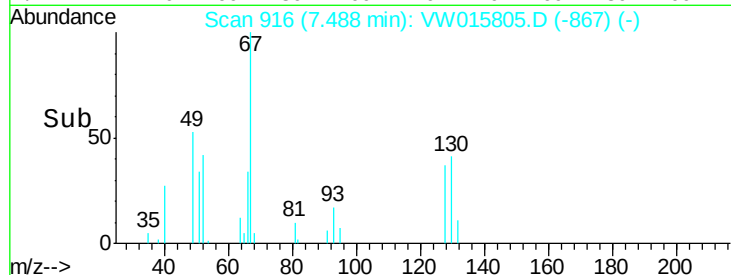
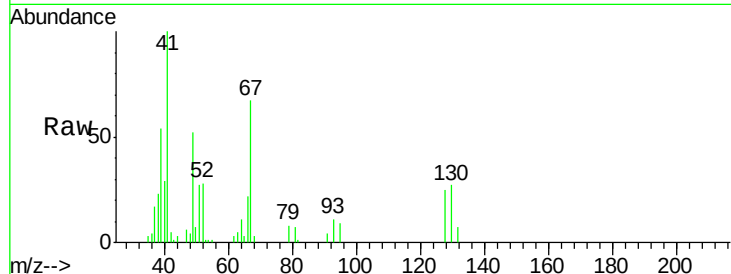
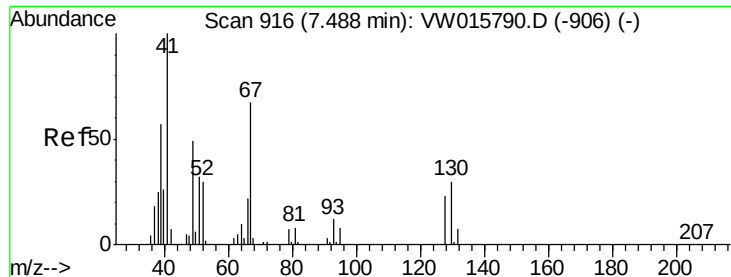
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7/9/2020 10:47:30 AM



#40
Benzene
Concen: 21.039 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





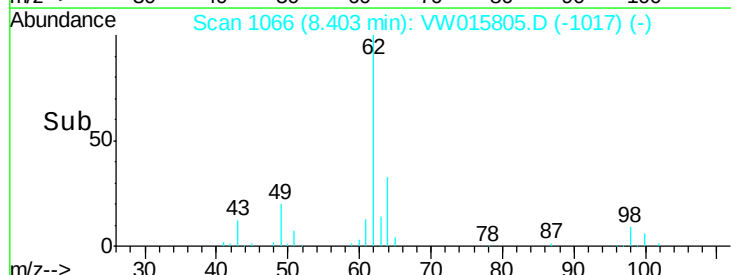
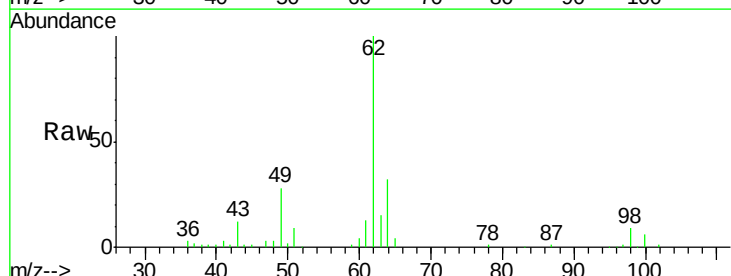
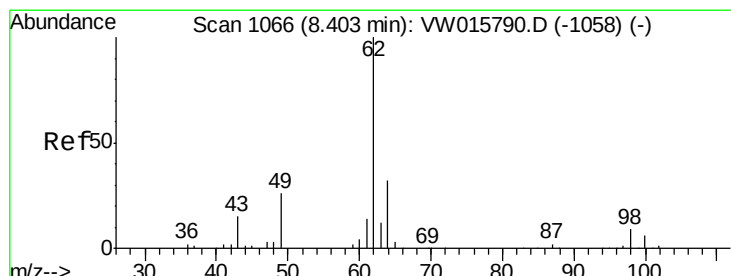
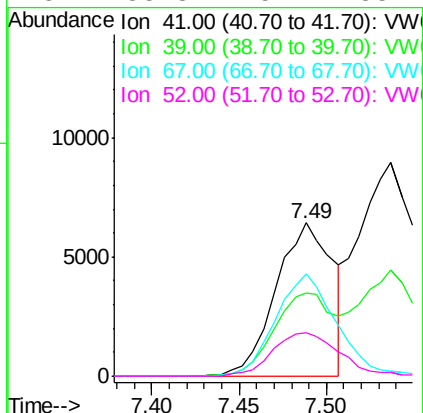
#41
Methacrylonitrile
Concen: 20.707 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tot Ion	41	Resp	14538
Ion Ratio	Lower	Upper	
41	100		
39	56.8	44.6	66.8
67	71.7	56.4	84.6
52	33.8	25.4	38.2

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

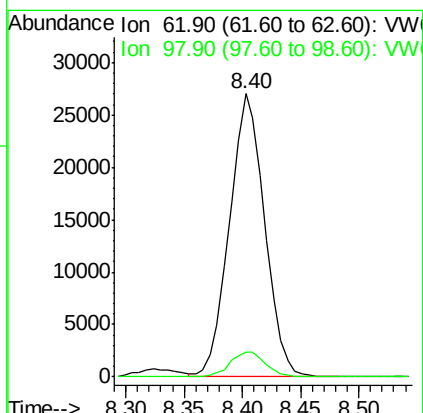
Manual Integrations
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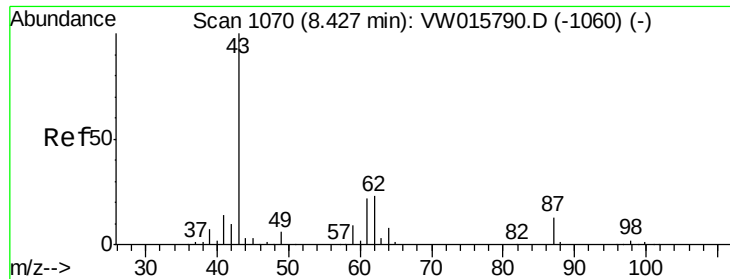
MMDadoda
7/9/2020 10:47:30 AM



#42
1,2-Dichloroethane
Concen: 20.933 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	62	Resp	56800
Ion Ratio	Lower	Upper	
62	100		
98	9.0	0.0	17.2





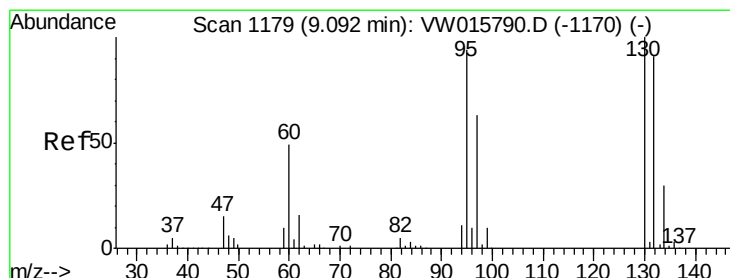
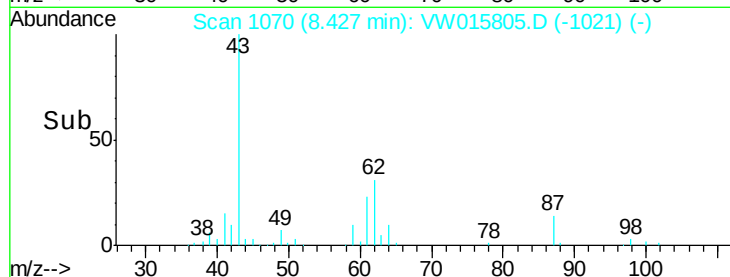
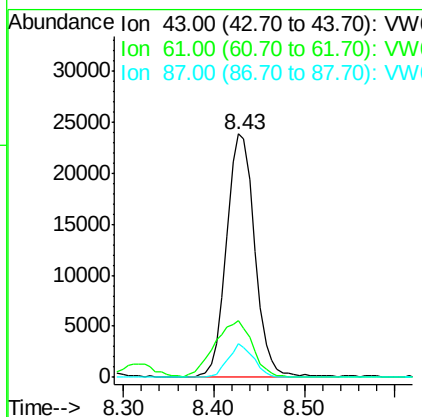
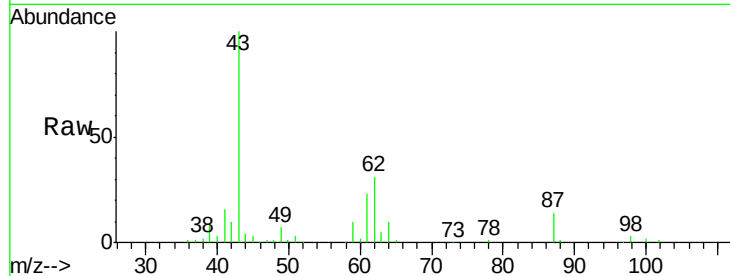
#43
Isopropyl Acetate
Concen: 21.484 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.8	37.2
87	12.4	10.4	15.6

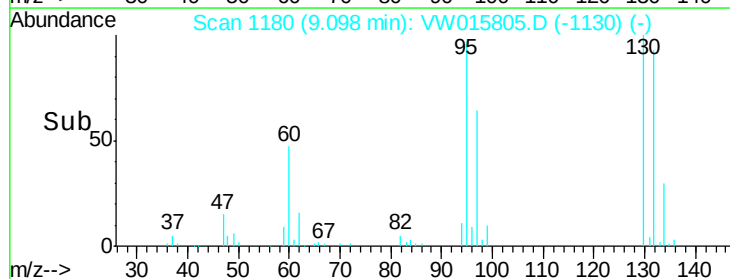
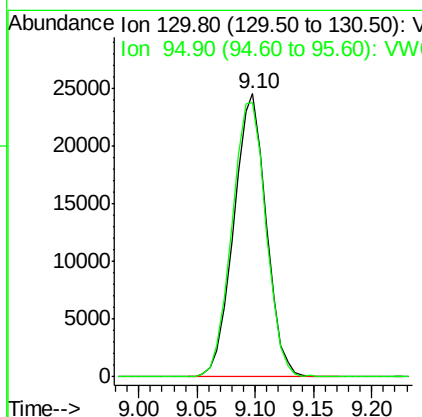
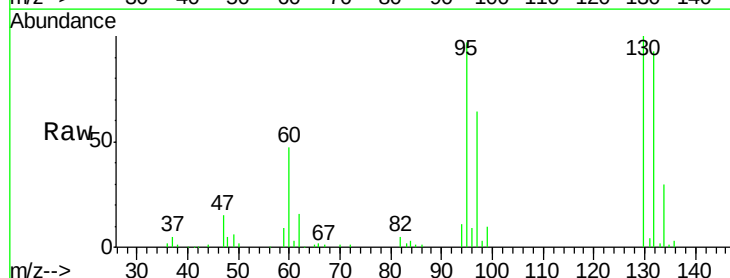
Manual Integrations
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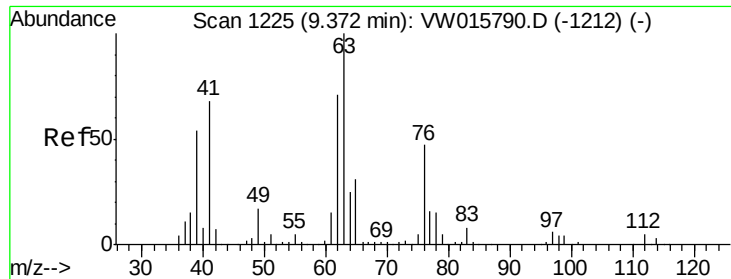
MMDadoda
7/9/2020 10:47:30 AM



#44
Trichloroethene
Concen: 20.655 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	188.6





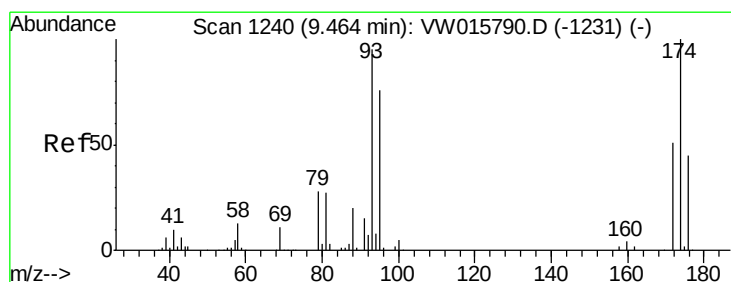
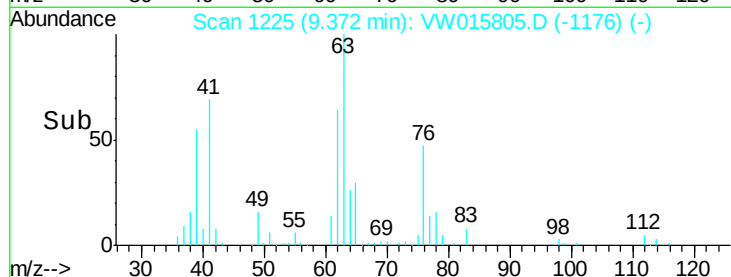
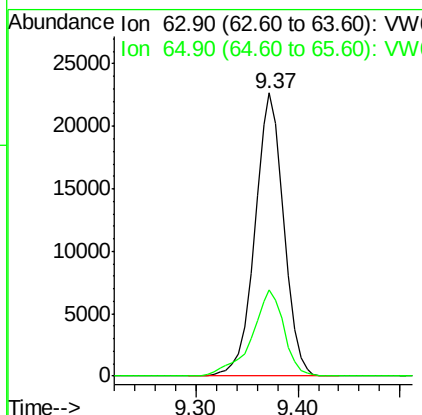
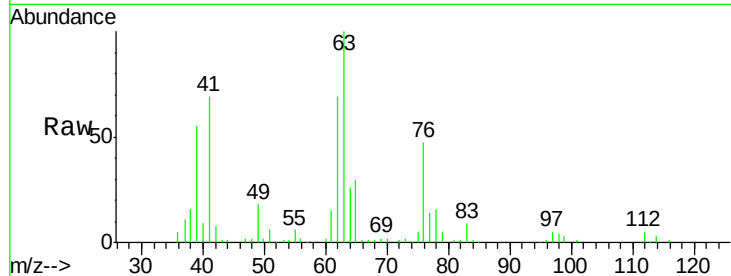
#45
 1,2-Dichloropropane
 Concen: 20.801 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion: 63 Resp: 44575
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.5 36.7

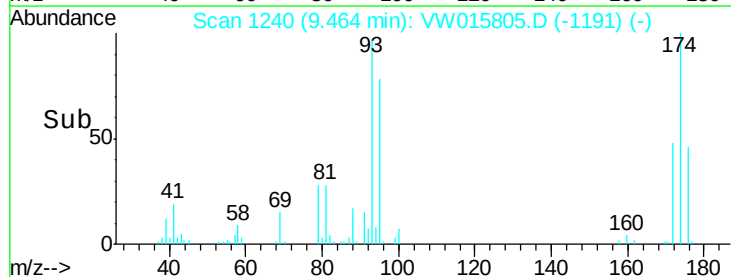
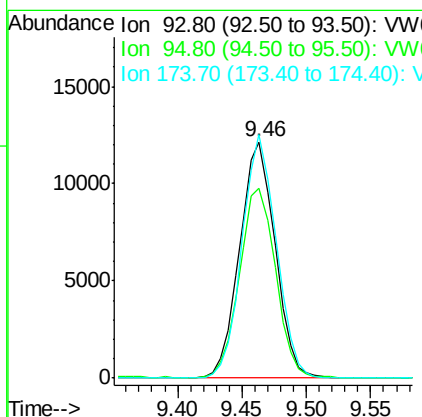
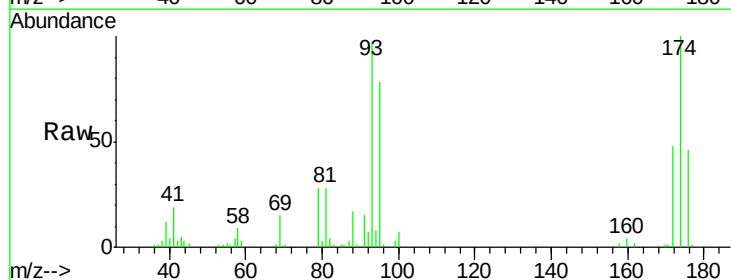
Manual Integrations
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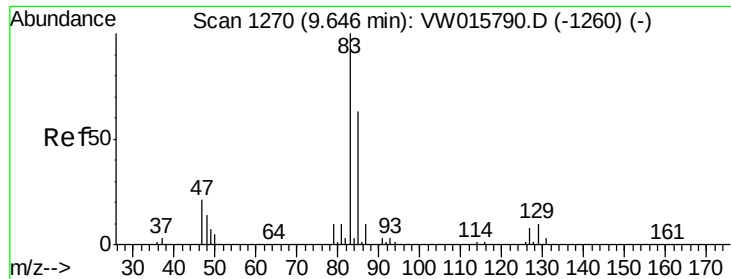
MMDadoda
 7/9/2020 10:47:30 AM



#46
 Dibromomethane
 Concen: 20.960 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion: 93 Resp: 23125
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.0 99.0
 174 99.4 78.7 118.1





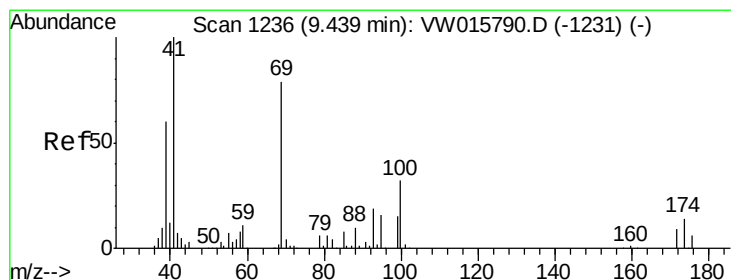
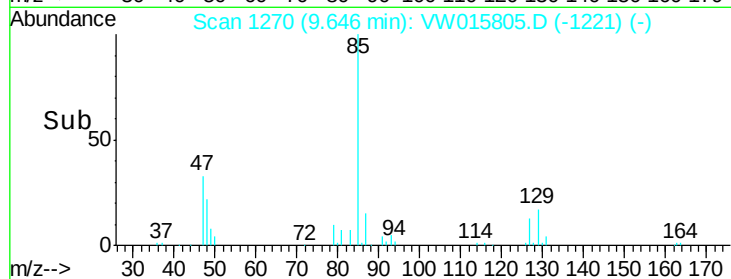
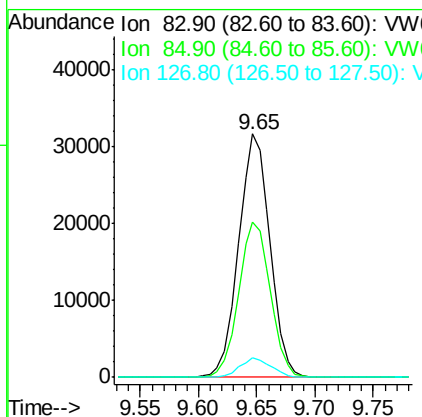
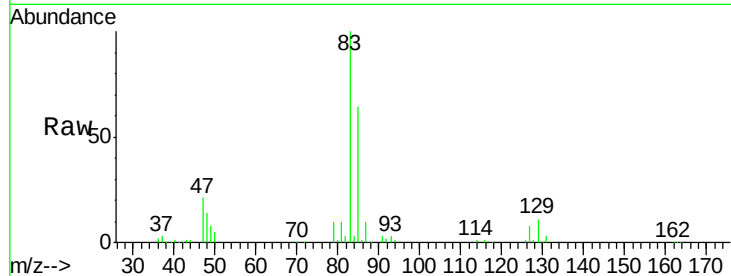
#47
Bromodichloromethane
Concen: 20.822 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	83	Resp	59418
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	50.6	76.0
127	8.1	6.2	9.2

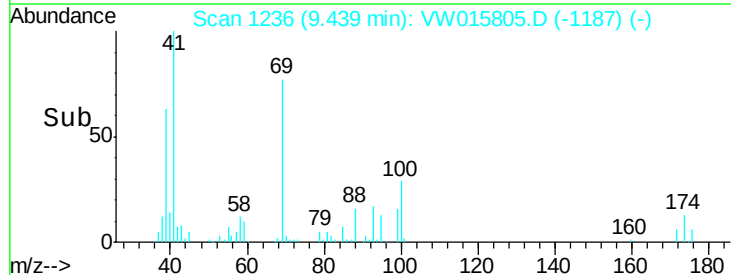
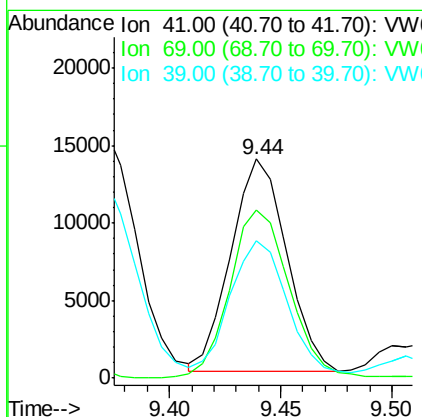
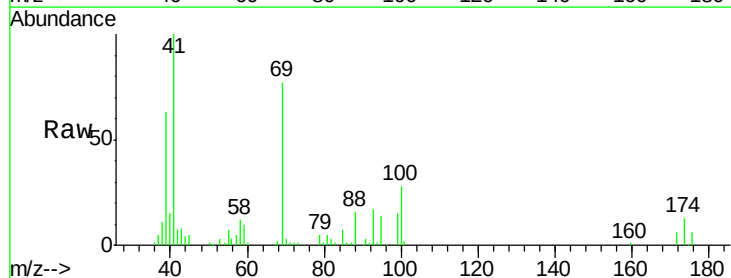
Manual Integrations
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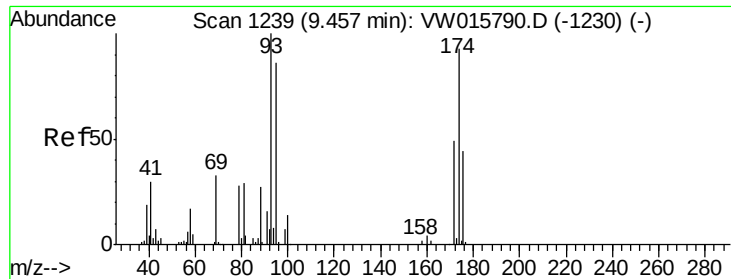
MMDadoda
7/9/2020 10:47:30 AM



#48
Methyl methacrylate
Concen: 21.459 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	41	Resp	23740
Ion Ratio	100	Lower	Upper
41	100		
69	85.4	67.1	100.7
39	61.9	49.9	74.9





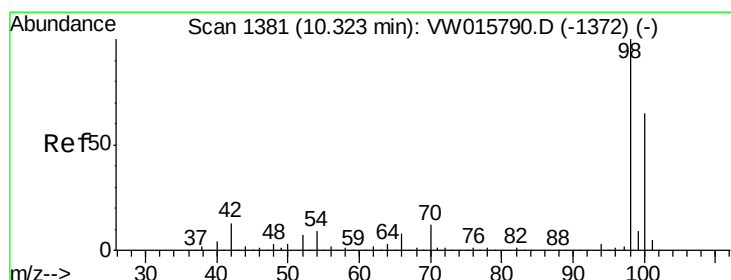
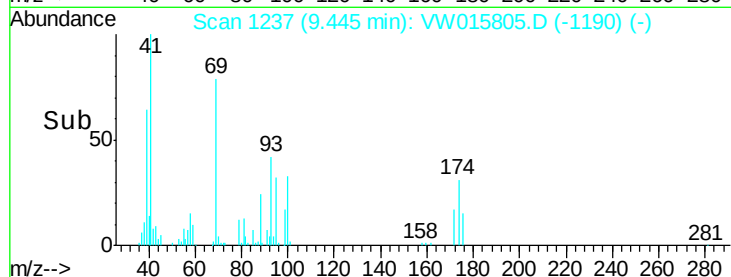
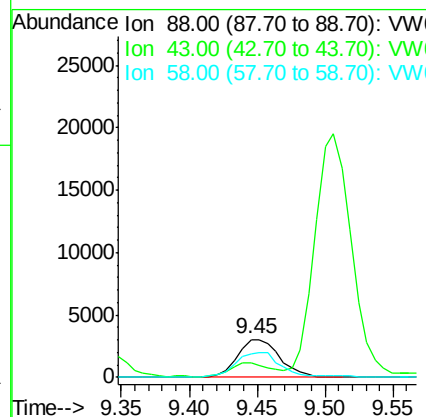
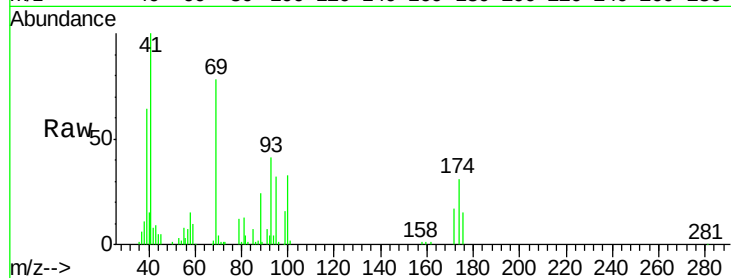
#49
1,4-Dioxane
Concen: 478.151 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	88	Resp	6522
Ion	Ratio	Lower	Upper
88	100		
43	35.0	28.1	42.1
58	70.2	59.3	88.9

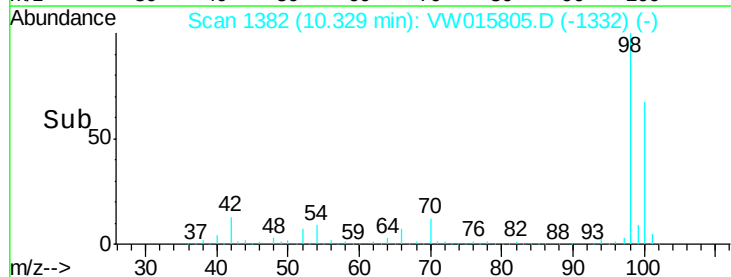
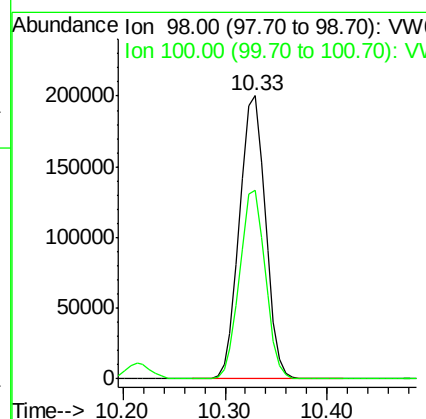
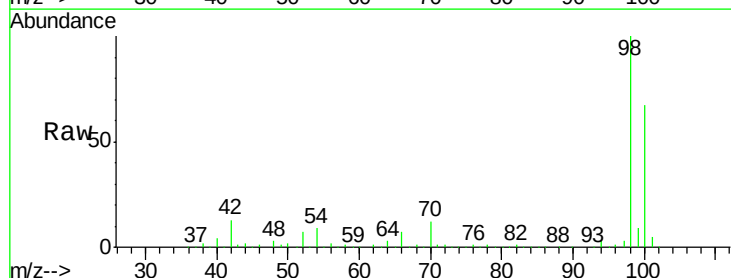
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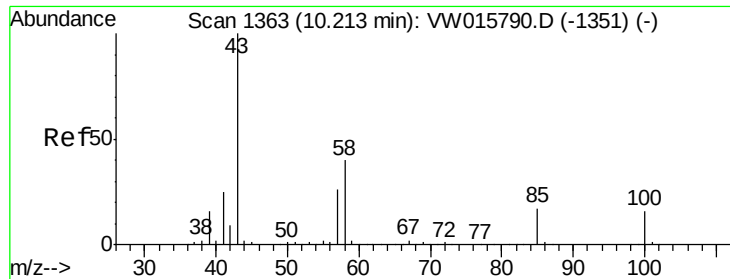
MMDadoda
7/9/2020 10:47:30 AM



#50
Toluene-d8
Concen: 48.848 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	98	Resp	353441
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





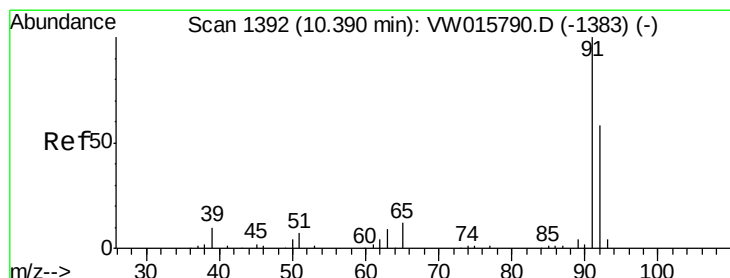
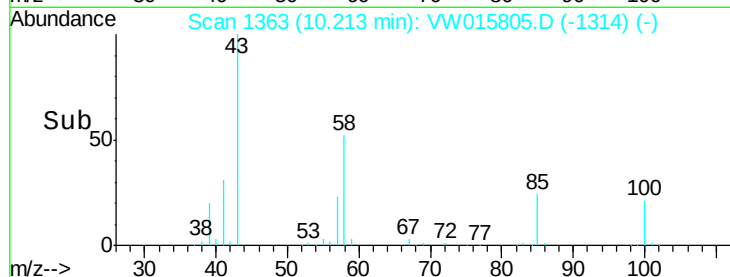
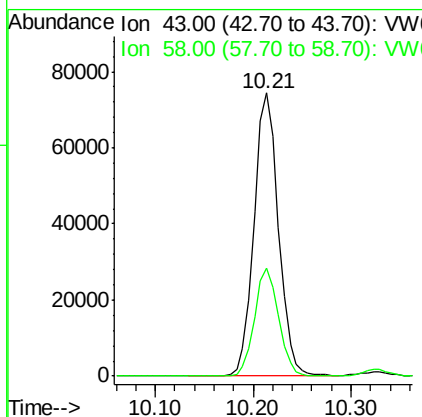
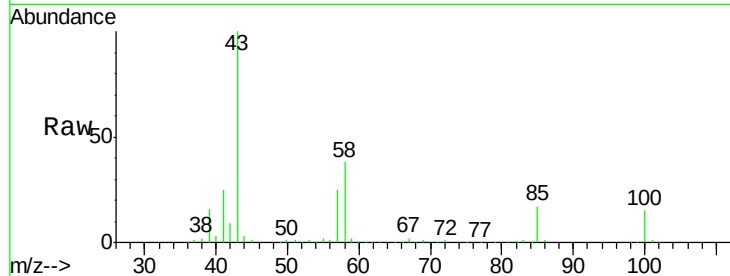
#51
4-Methyl-2-Pentanone
Concen: 109.706 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	43	58	Resp	Lower	Upper
129228	100	37.5		30.9	46.3

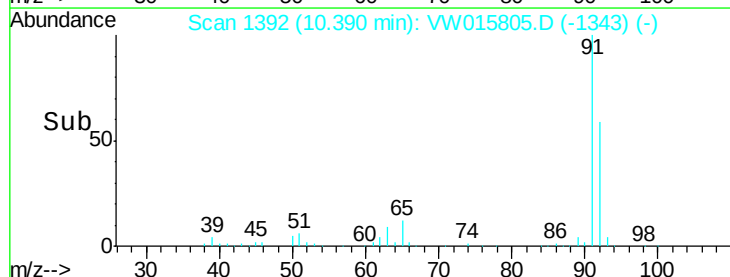
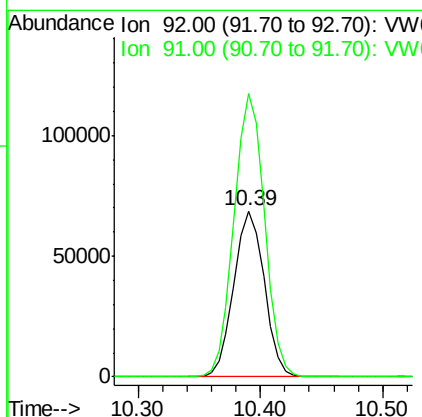
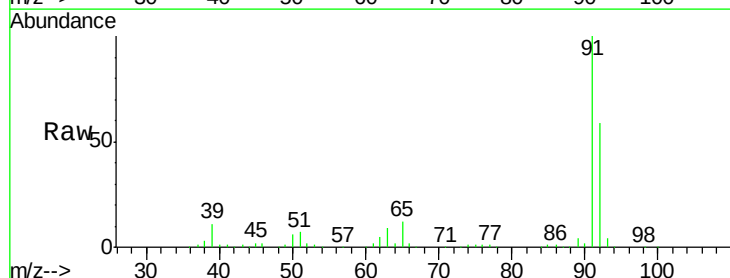
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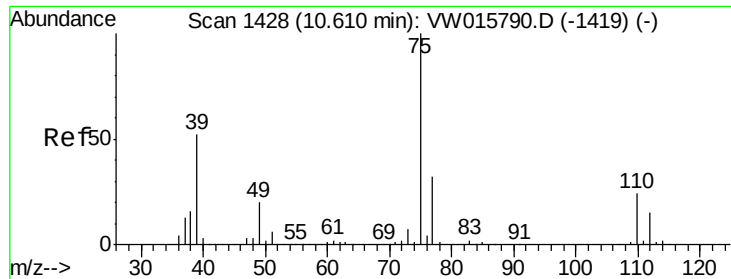
MMDadoda
7/9/2020 10:47:30 AM



#52
Toluene
Concen: 21.141 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	92	91	Resp	Lower	Upper
118611	100	171.0		137.1	205.7





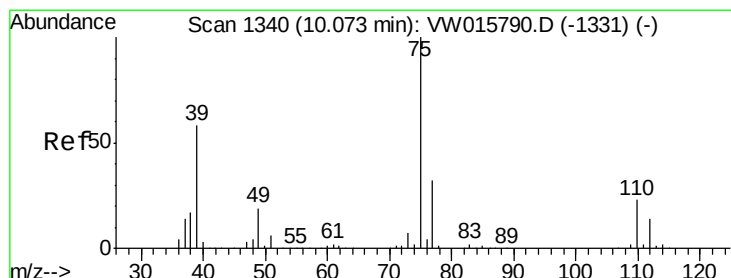
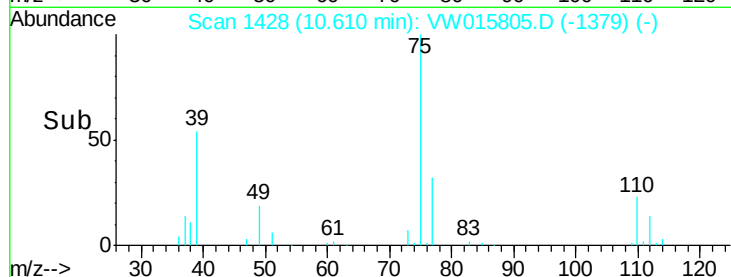
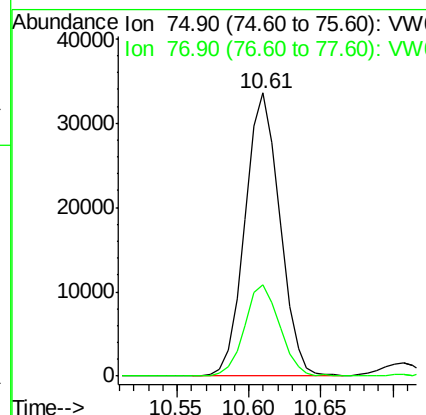
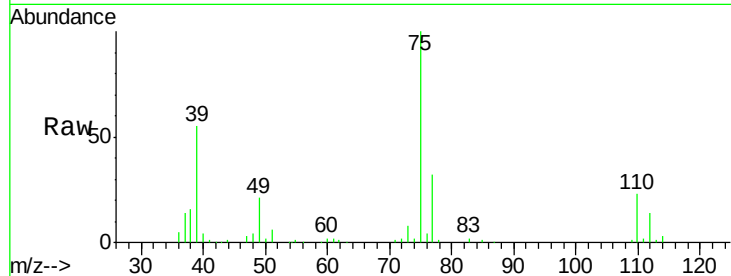
#53
t-1,3-Dichloropropene
Concen: 20.548 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

Tot Ion: 75 Resp: 56262
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

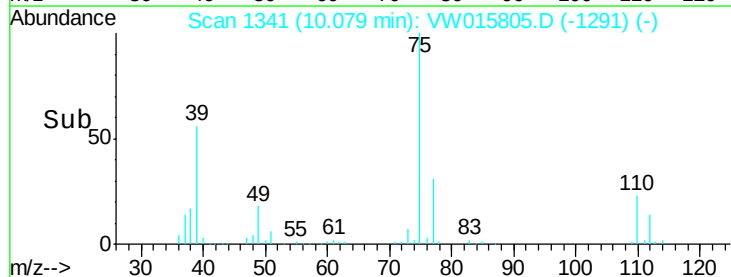
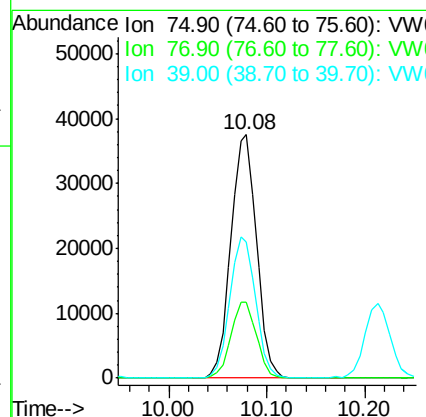
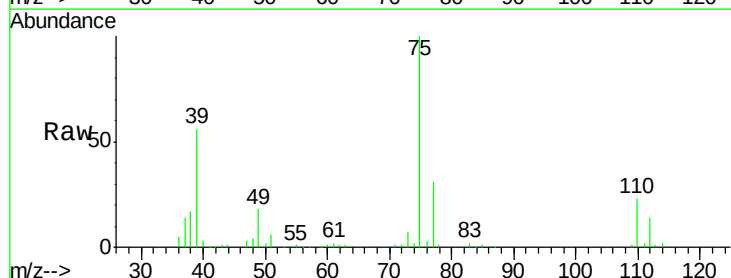
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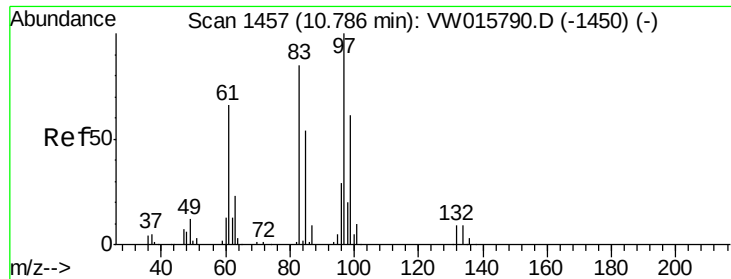
MMDadoda
7/9/2020 10:47:30 AM



#54
cis-1,3-Dichloropropene
Concen: 20.897 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 75 Resp: 68444
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 56.0 46.0 69.0





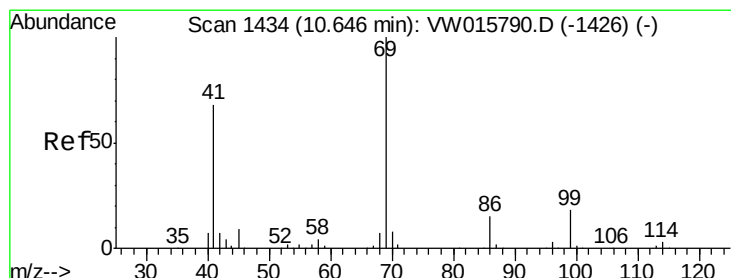
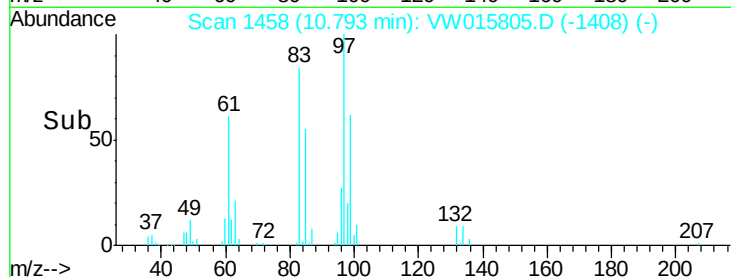
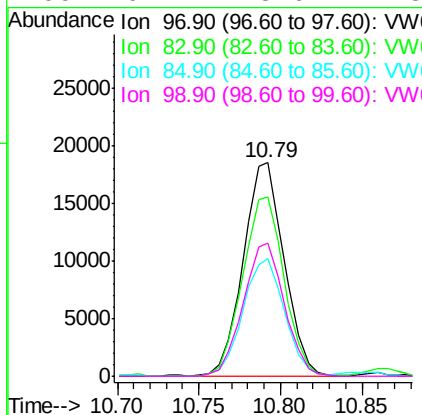
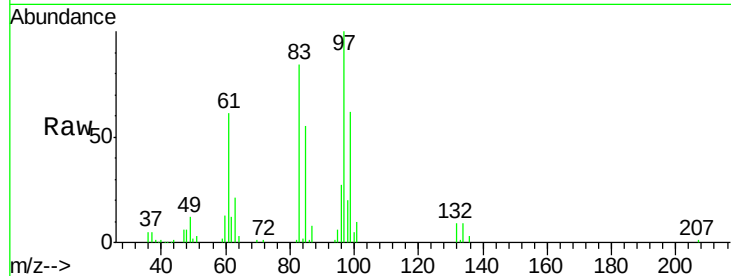
#55
 1,1,2-Trichloroethane
 Concen: 21.137 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion:	97	Resp:	32336
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.4
85	54.9	43.4	65.0
99	62.1	48.6	72.8

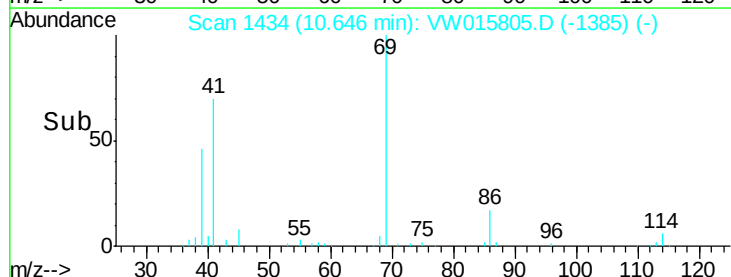
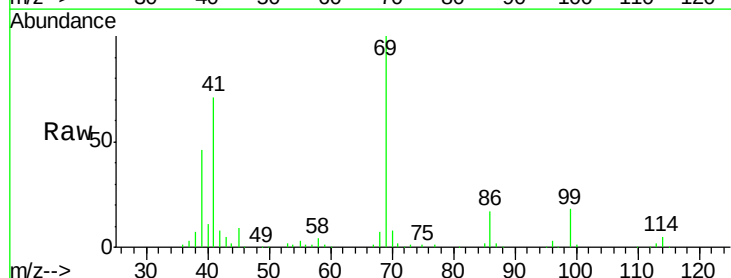
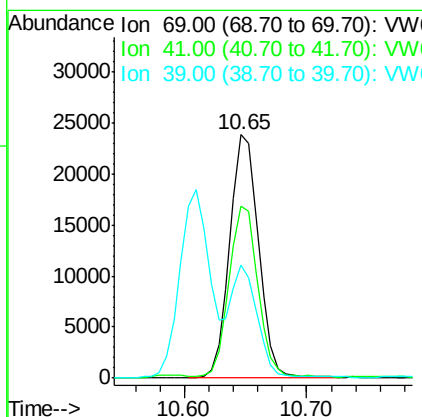
Manual Integrations
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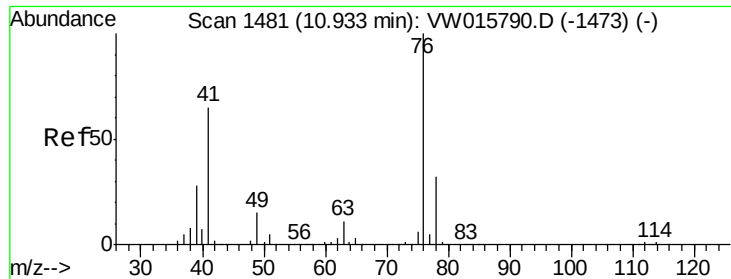
MMDadoda
 7/9/2020 10:47:30 AM



#56
 Ethyl methacrylate
 Concen: 20.761 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion:	69	Resp:	39048
Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.0	82.6
39	38.7	33.8	50.8





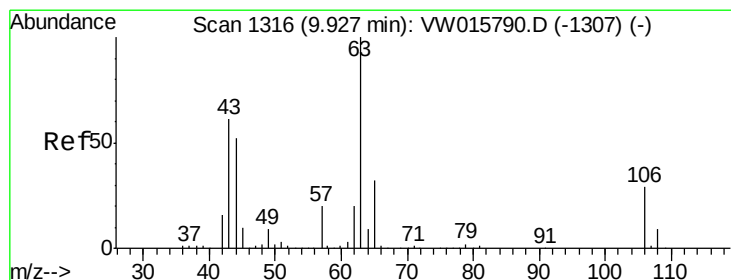
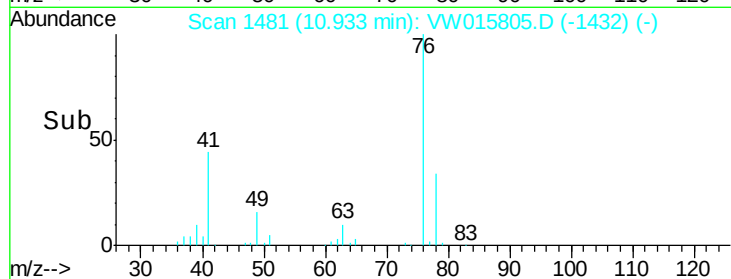
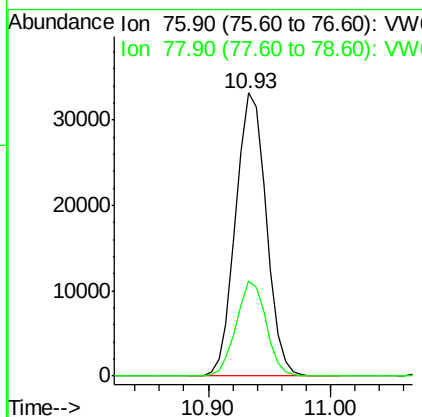
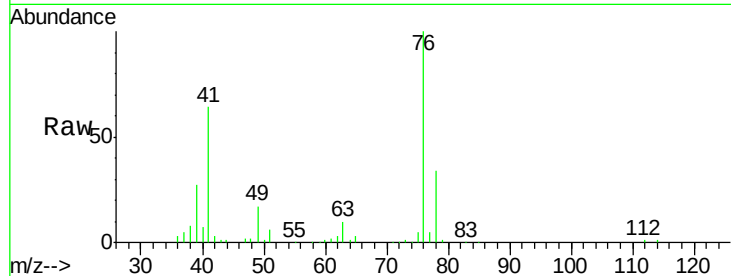
#57
 1,3-Dichloropropane
 Concen: 21.335 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion: 76 Resp: 57779
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5

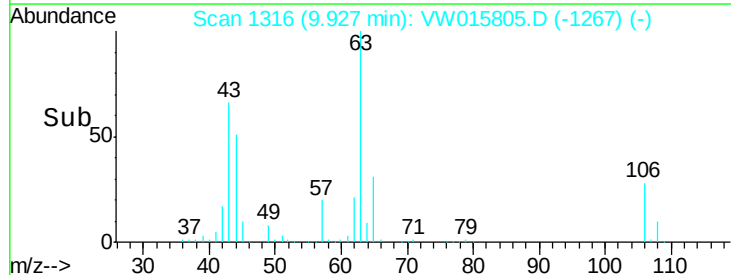
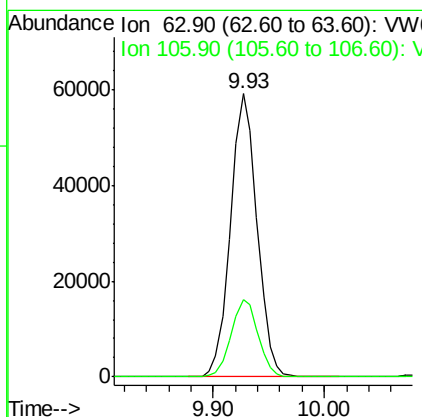
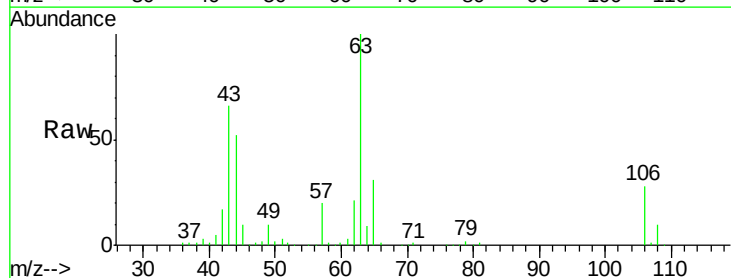
Manual Integrations
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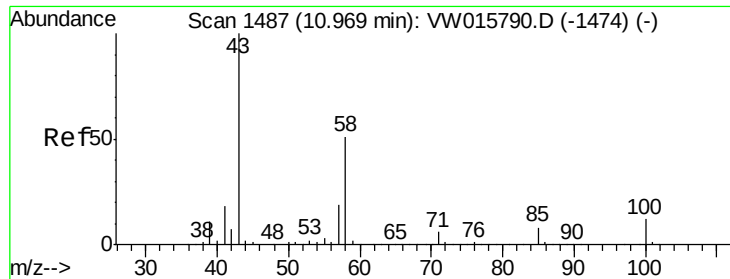
MMDadoda
 7/9/2020 10:47:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.101 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion: 63 Resp: 97507
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.1 34.7





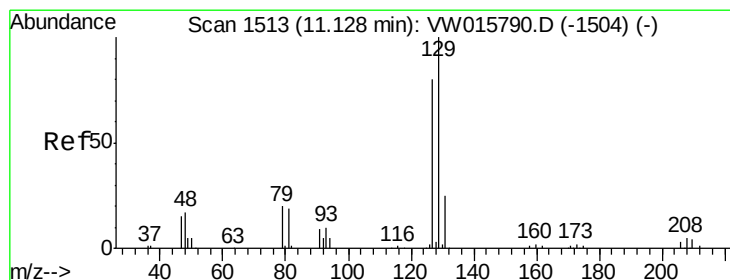
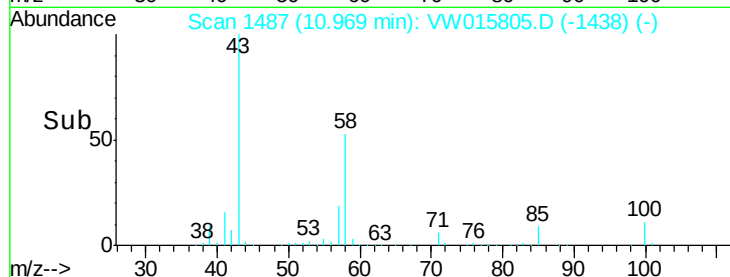
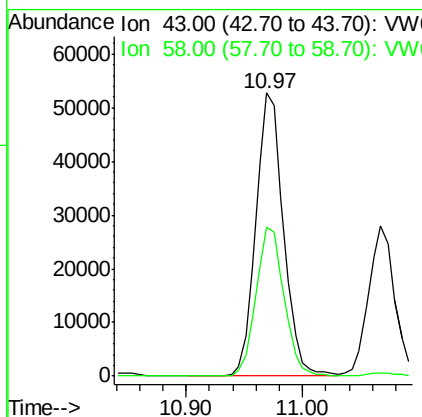
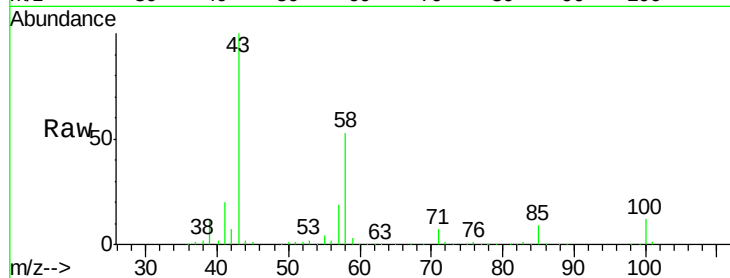
#59
2-Hexanone
Concen: 110.907 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 43 Resp: 87185
Ion Ratio Lower Upper
43 100
58 53.4 26.2 78.5

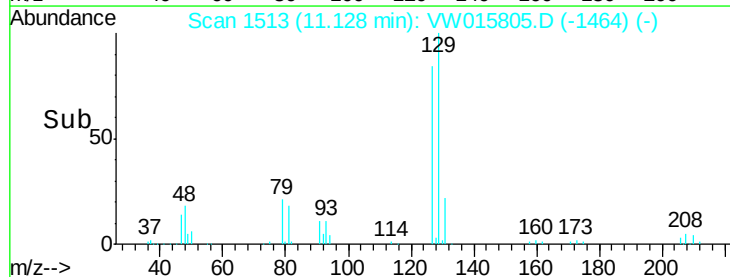
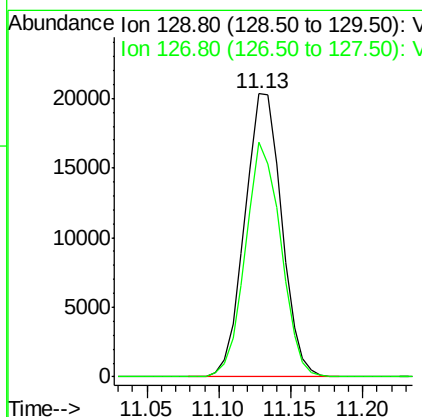
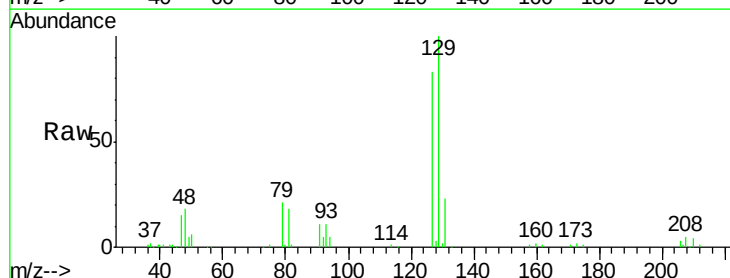
Manual Integrations
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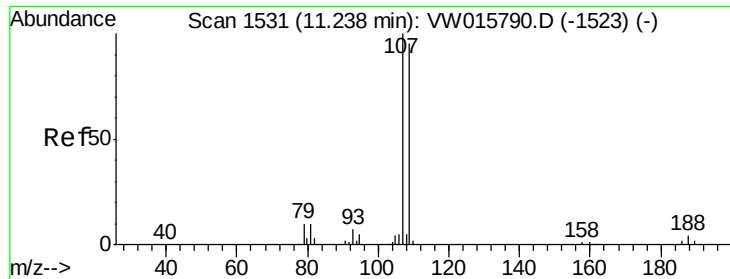
MMDadoda
7/9/2020 10:47:30 AM



#60
Dibromochloromethane
Concen: 20.453 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 129 Resp: 36138
Ion Ratio Lower Upper
129 100
127 79.1 39.4 118.1





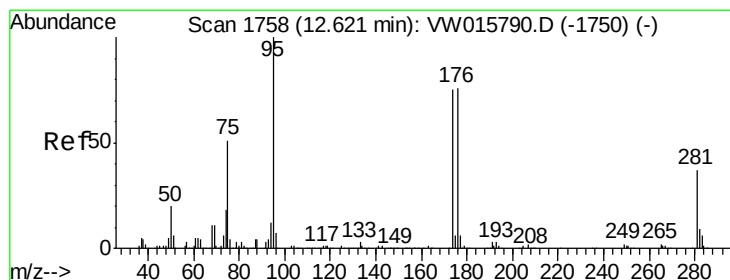
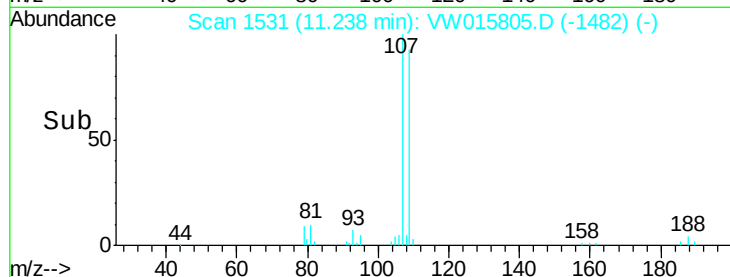
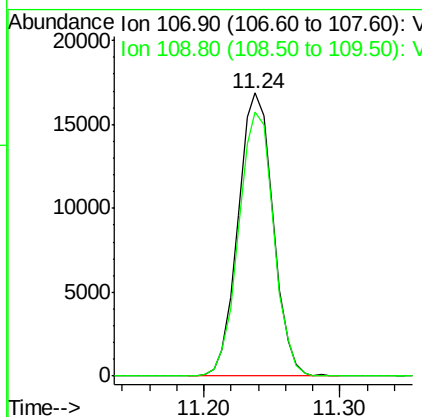
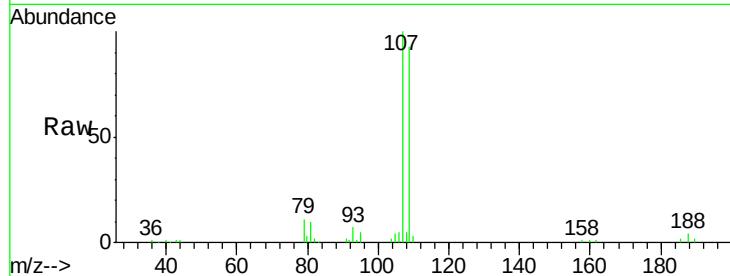
#61
 1,2-Dibromoethane
 Concen: 20.731 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion: 107 Resp: 30347
 Ion Ratio Lower Upper
 107 100
 109 93.5 77.0 115.6

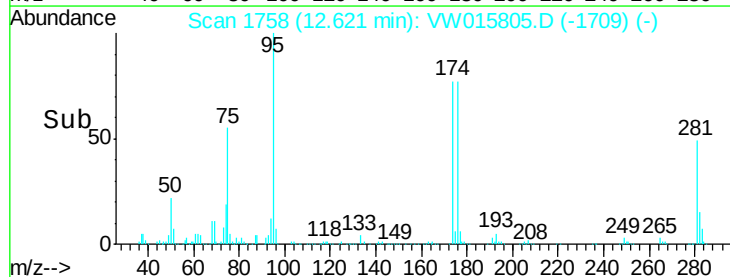
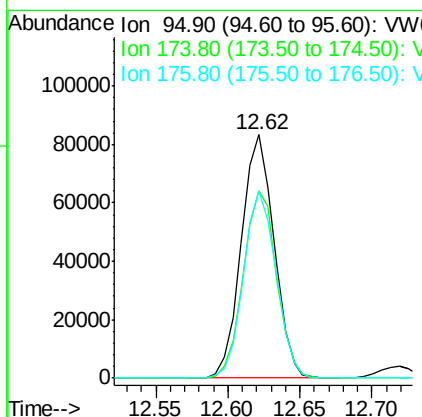
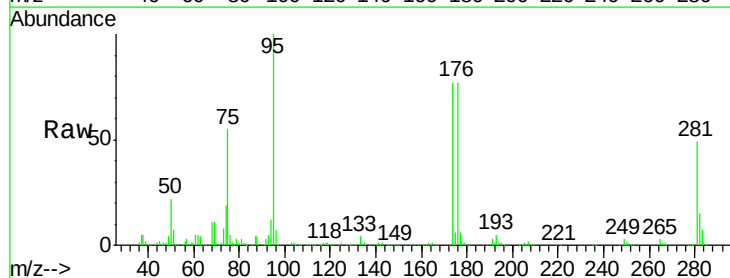
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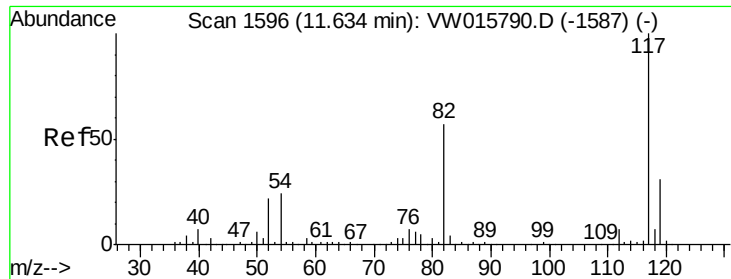
MMDadoda
 7/9/2020 10:47:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.453 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion: 95 Resp: 131300
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 150.2
 176 76.5 0.0 148.4





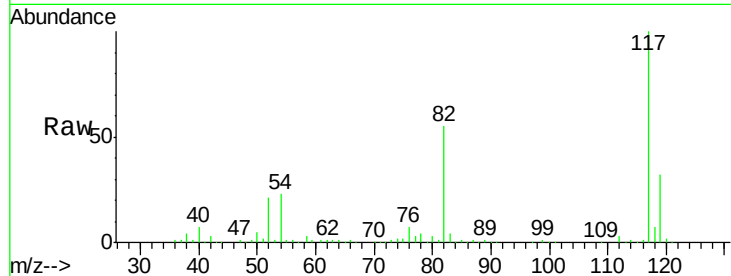
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.5	68.3
119	32.1	25.0	37.6

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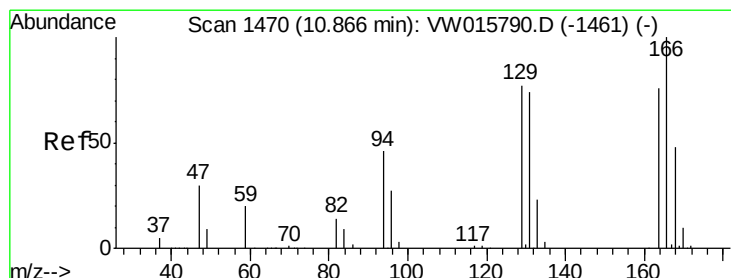
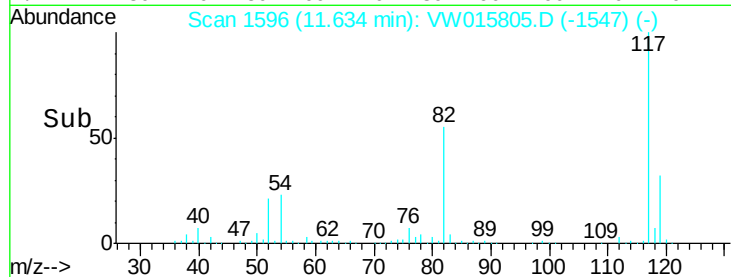
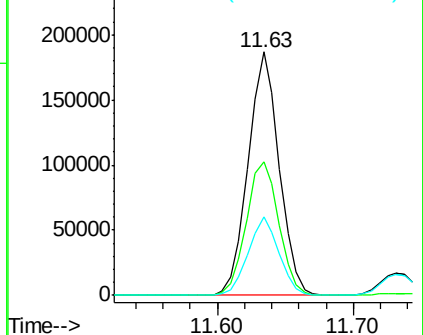


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.588 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	105.1	157.7
129	93.1	80.6	121.0
131	85.9	77.8	116.6

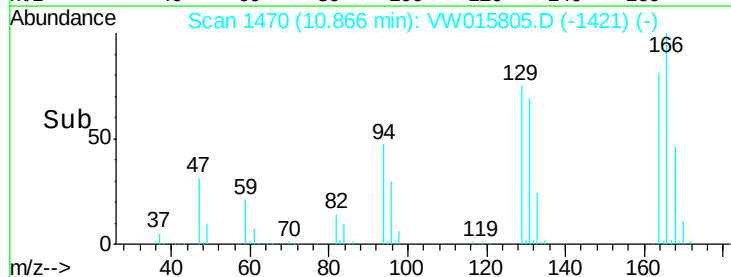
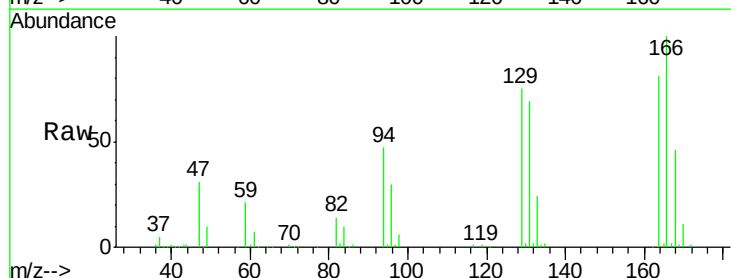
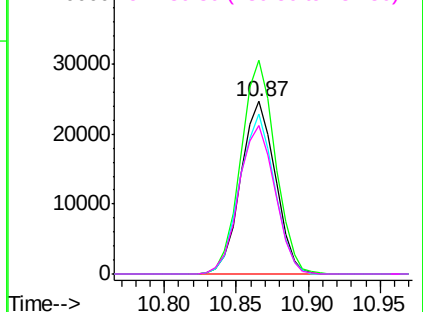
Abundance

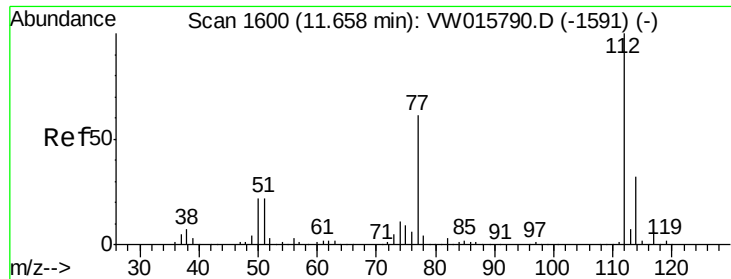
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





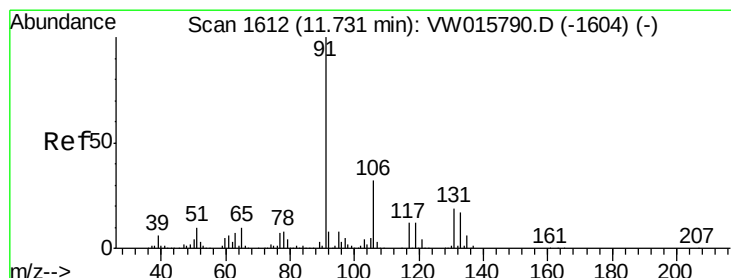
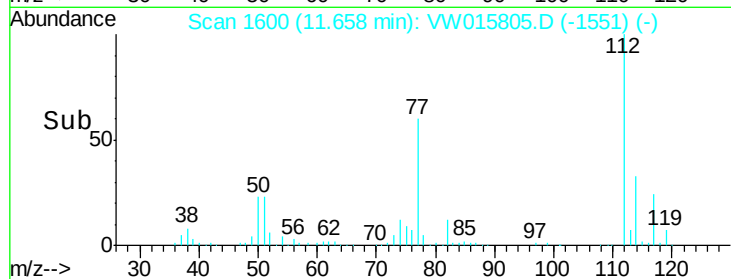
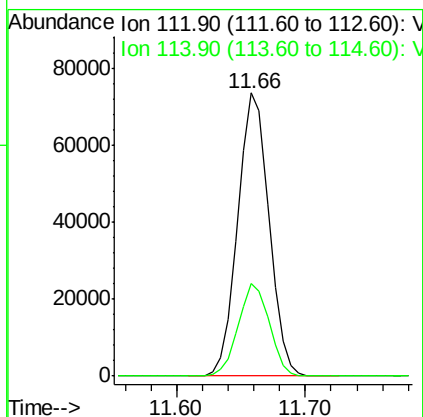
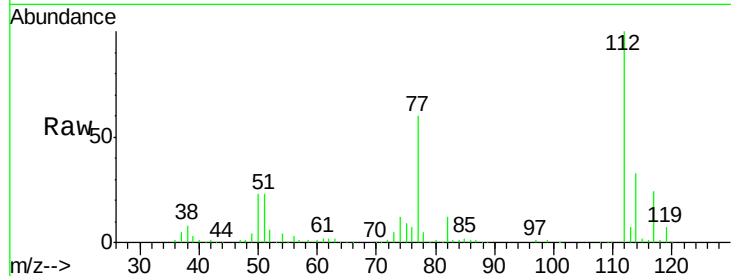
#65
Chlorobenzene
Concen: 21.161 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.9	38.9

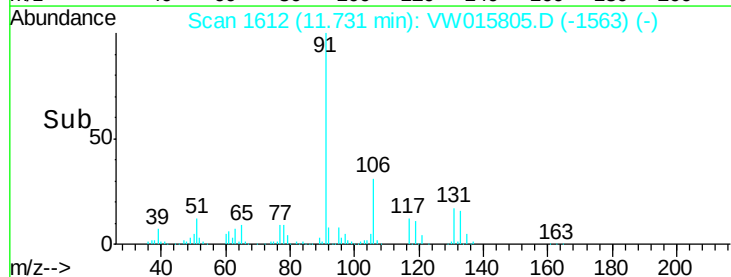
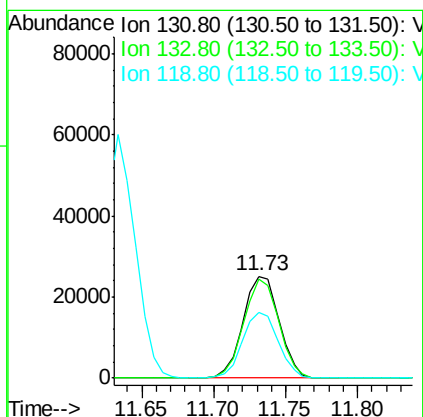
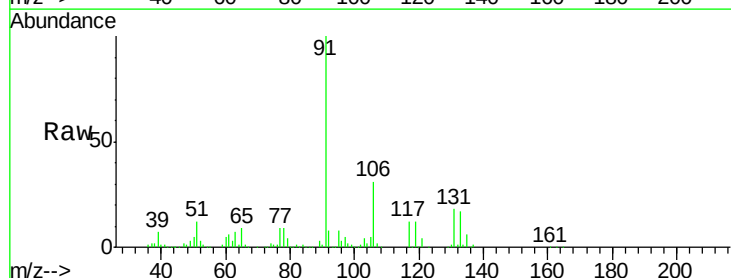
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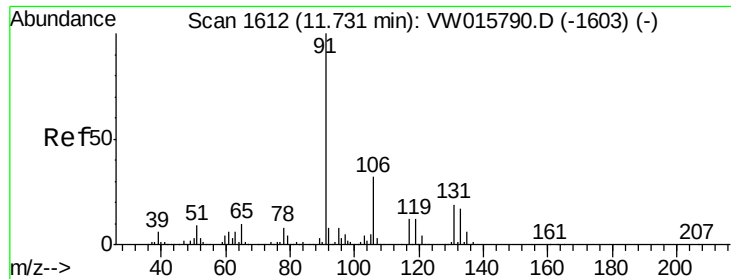
MMDadoda
7/9/2020 10:47:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.077 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.0	141.2
119	63.9	32.3	96.8





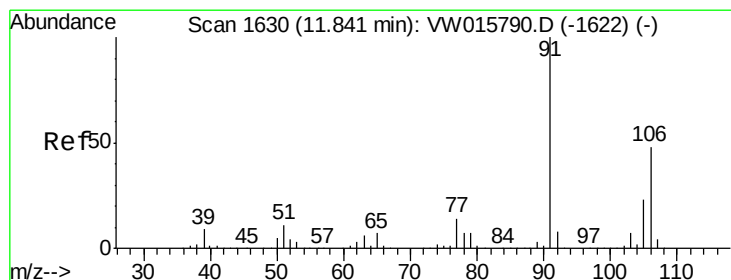
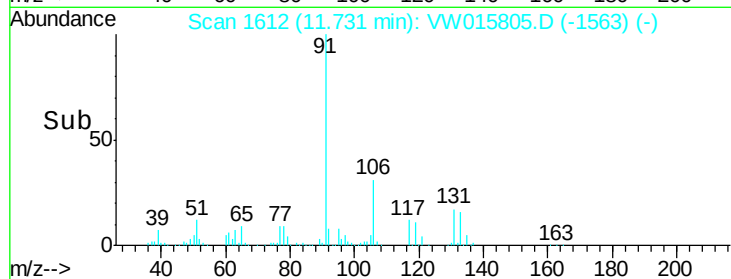
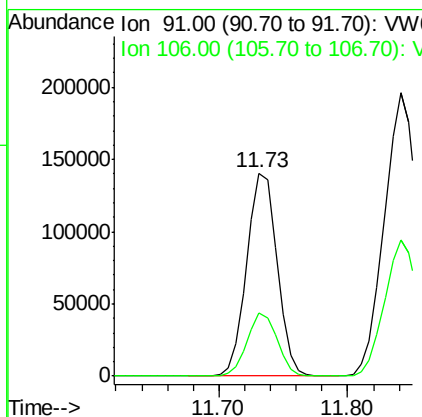
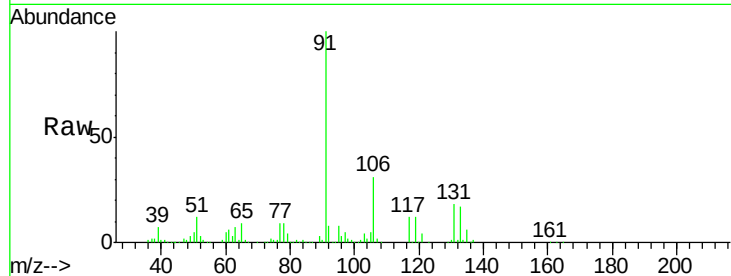
#67
Ethyl Benzene
Concen: 21.154 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion: 91 Resp: 228944
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8

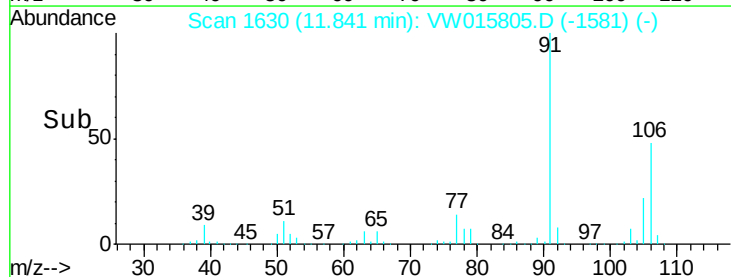
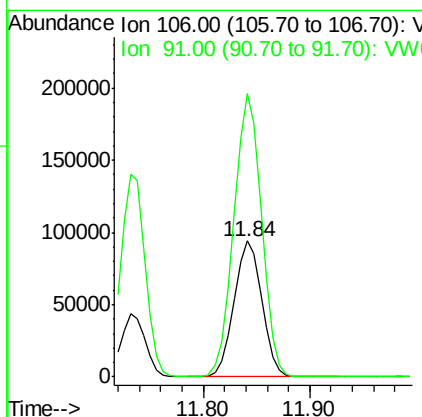
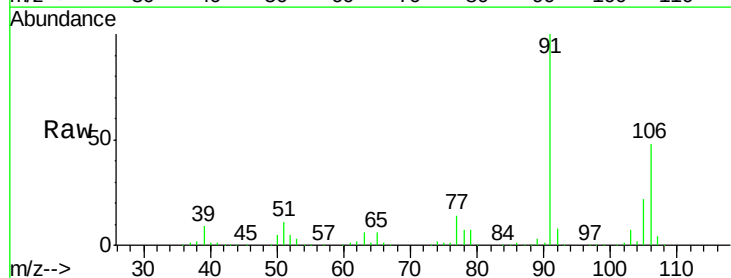
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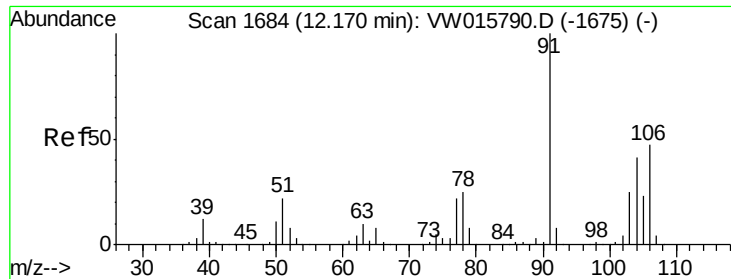
MMDadoda
7/9/2020 10:47:30 AM



#68
m/p-Xylenes
Concen: 42.562 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion: 106 Resp: 173039
Ion Ratio Lower Upper
106 100
91 207.3 164.1 246.1





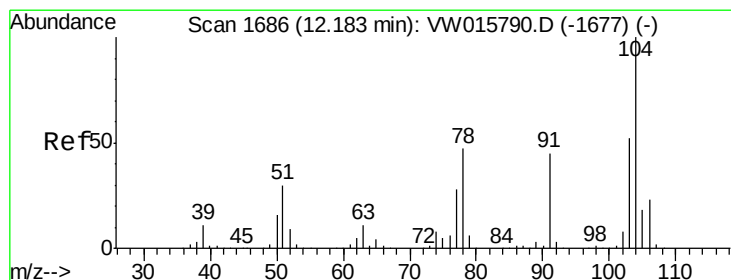
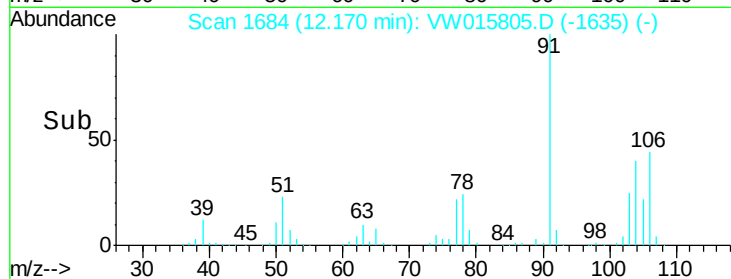
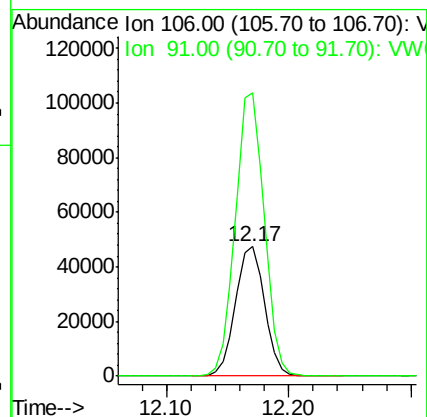
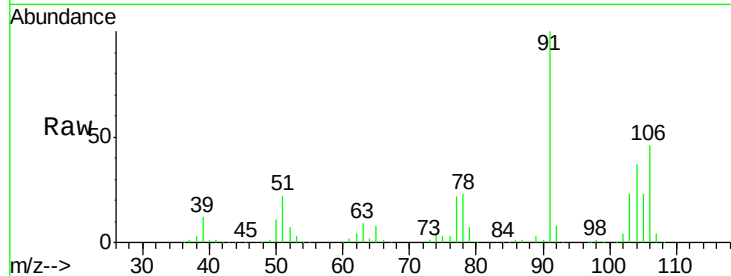
#69
o-Xylene
Concen: 21.027 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion:106 Resp: 78032
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.3

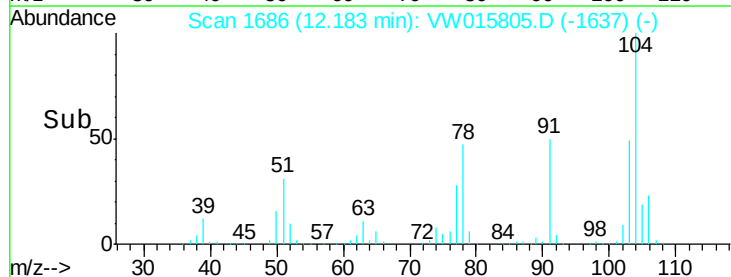
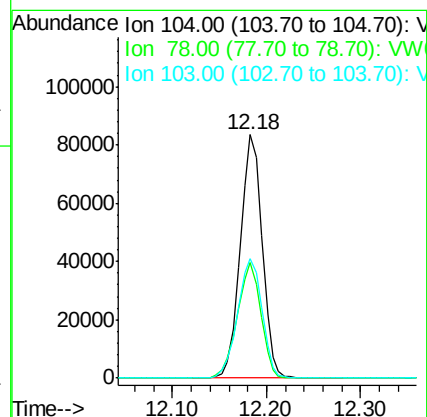
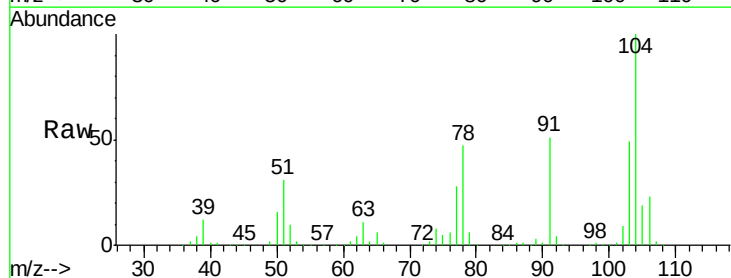
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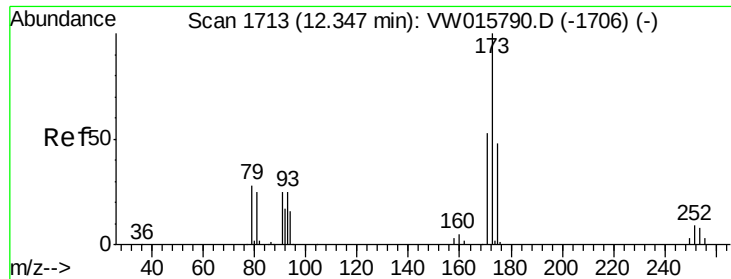
MMDadoda
7/9/2020 10:47:30 AM



#70
Styrene
Concen: 21.200 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion:104 Resp: 135374
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 54.6 43.8 65.8





#71

Bromoform

Concen: 20.272 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

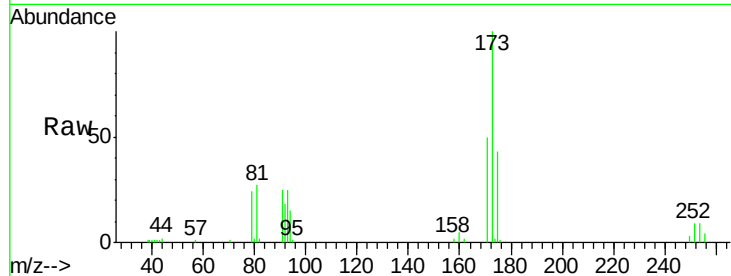
ClientSampleId :

VW0708SBS01

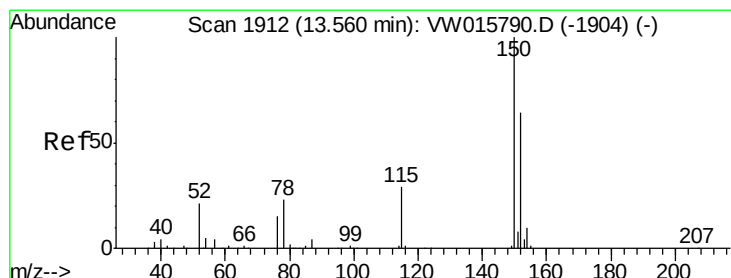
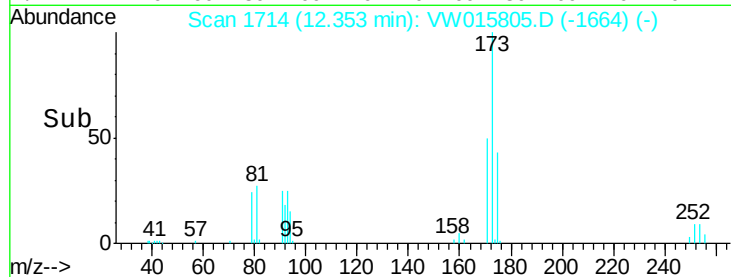
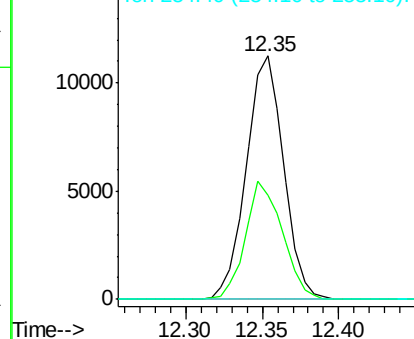
Tot Ion:	173	Resp:	19137
Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.5	70.5
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

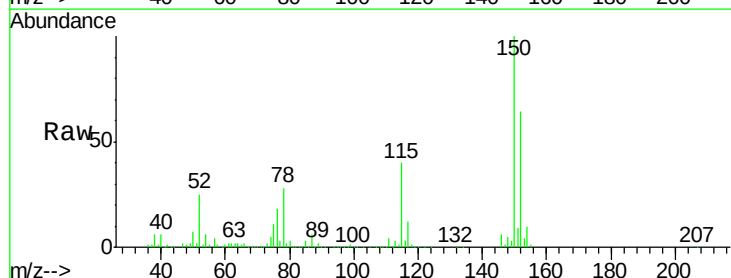
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

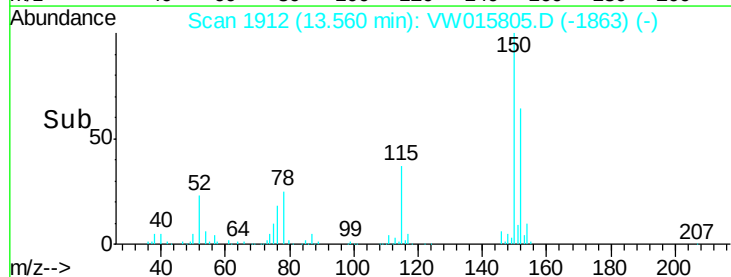
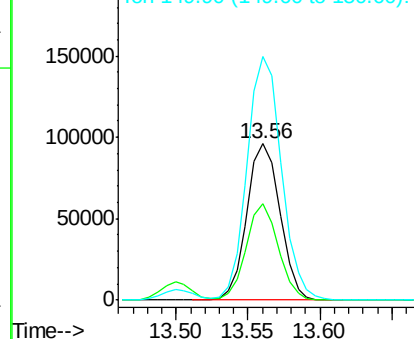
Lab File: VW015805.D

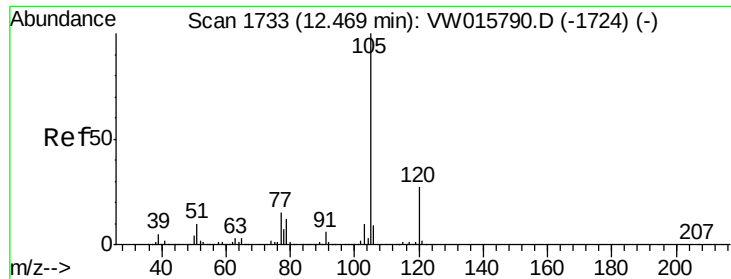
Acq: 08 Jul 2020 12:57

Tgt Ion:	152	Resp:	153183
Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.9	89.7
150	161.1	0.0	350.8



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





#73

Isopropylbenzene

Concen: 20.605 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBS01

Tot Ion:105 Resp: 222364

Ion Ratio Lower Upper

105 100

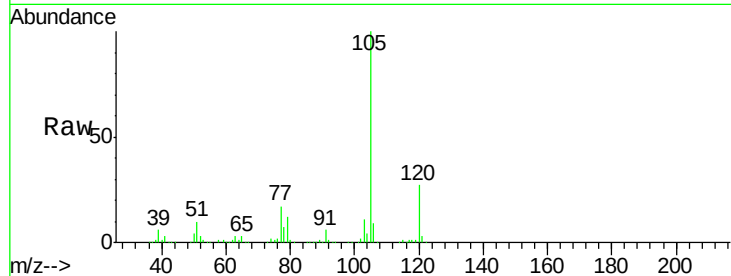
120 26.1 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

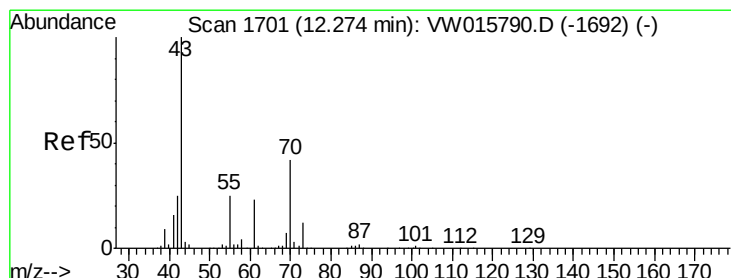
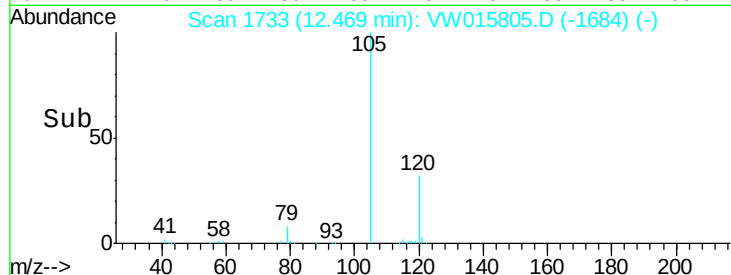
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.653 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion: 43 Resp: 47684

Ion Ratio Lower Upper

43 100

70 42.0 34.1 51.1

55 25.4 20.0 30.0

61 23.8 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

50000

40000

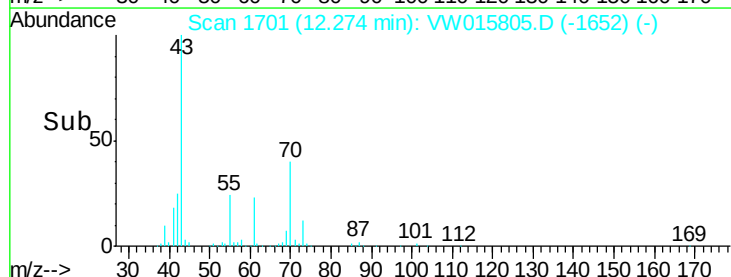
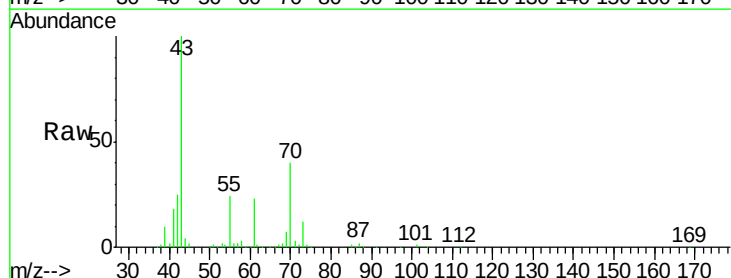
30000

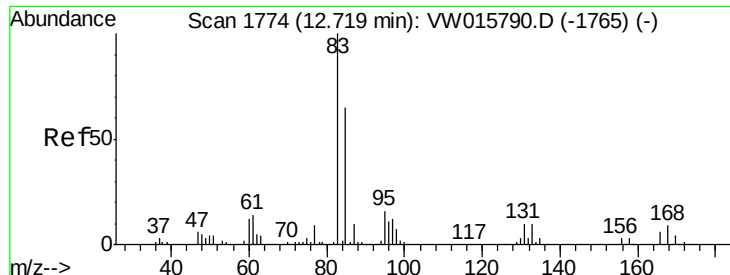
20000

10000

0

Time-->





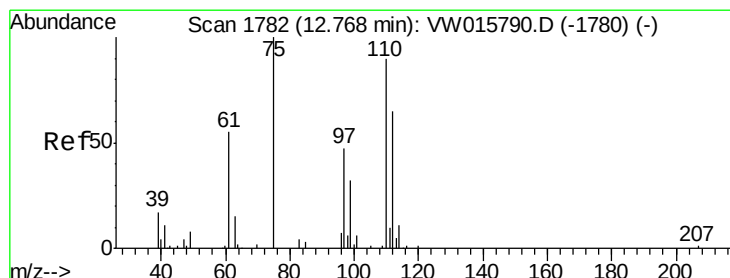
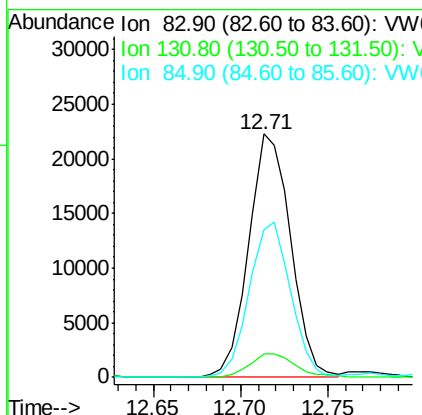
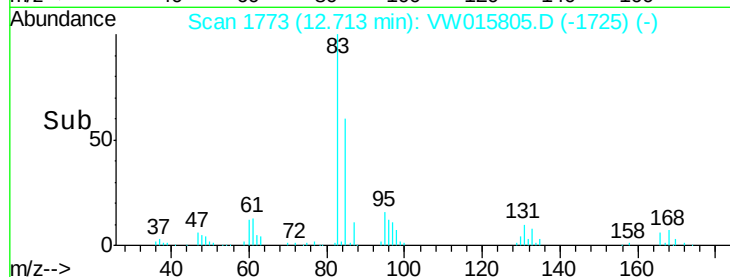
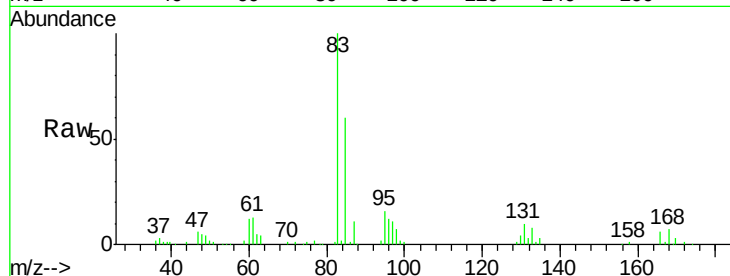
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.720 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	83	Resp	37154
Ion Ratio	100	Lower	Upper
83	100		
131	10.7	5.3	16.1
85	63.2	31.9	95.9

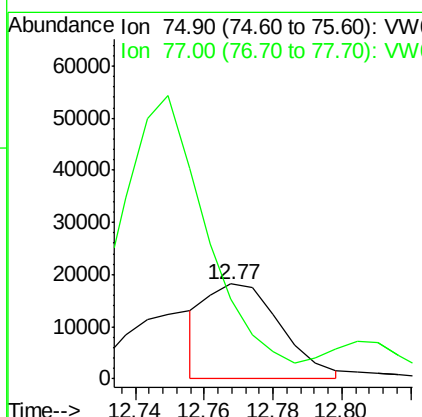
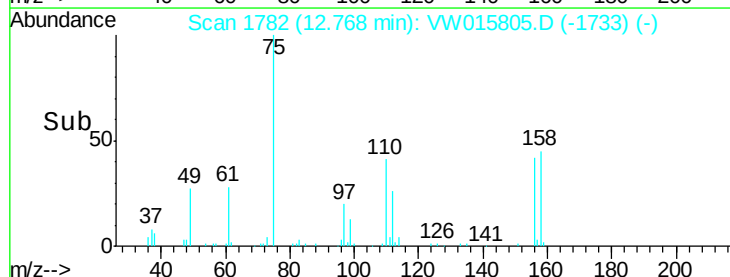
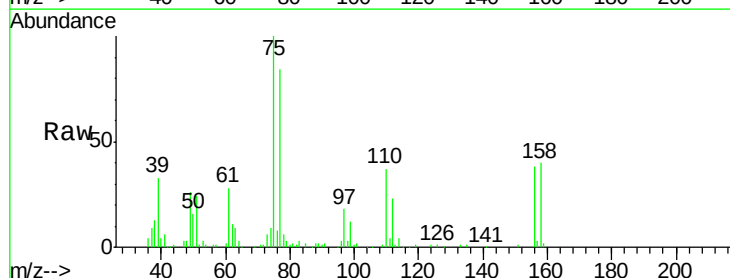
Manual Integrations
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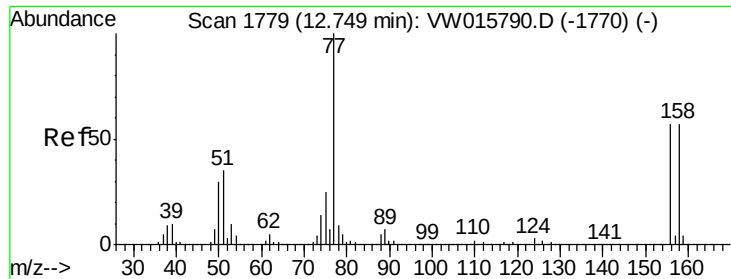
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 20.419 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	75	Resp	27489
Ion Ratio	100	Lower	Upper
75	100		
77	351.6	177.3	532.0





#77

Bromobenzene

Concen: 20.035 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VW0708SBS01

Tot Ion:156 Resp: 48480

Ion Ratio Lower Upper

156 100

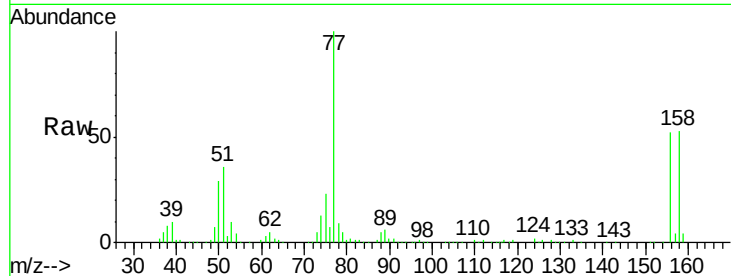
77 199.4 98.8 296.4

158 99.3 50.0 149.8

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MMDadoda

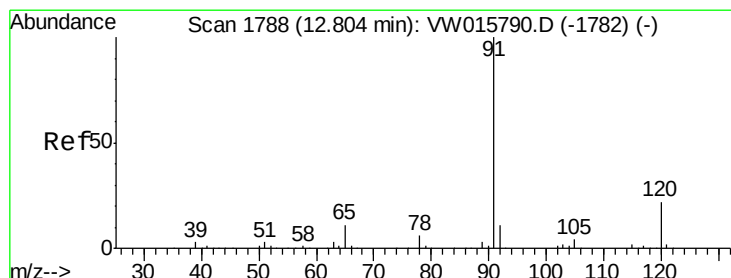
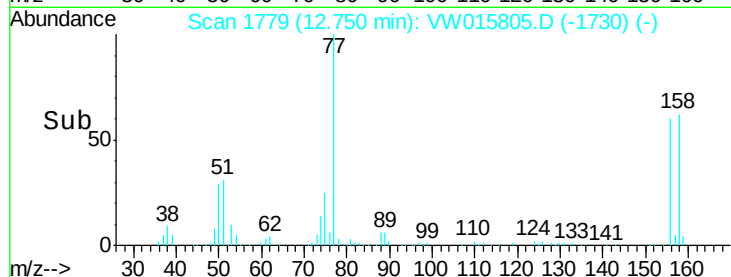
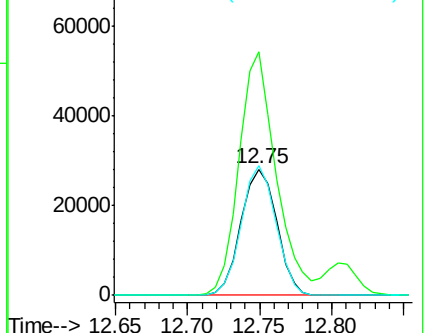
7/9/2020 10:47:30 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.976 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015805.D

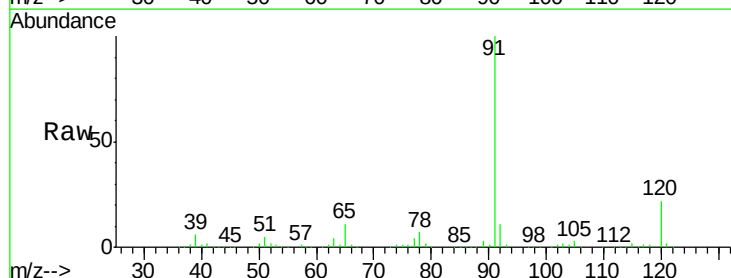
Acq: 08 Jul 2020 12:57

Tgt Ion: 91 Resp: 274755

Ion Ratio Lower Upper

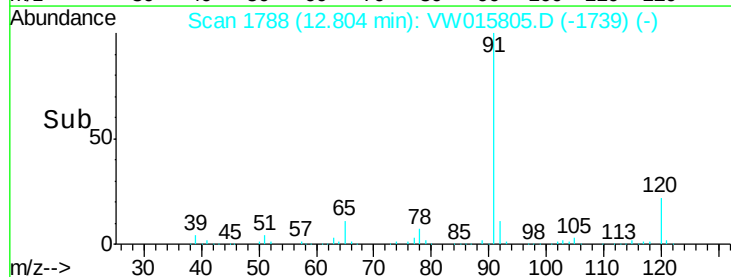
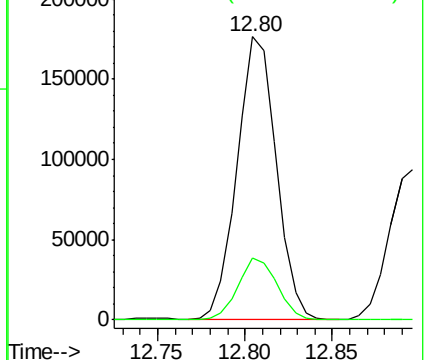
91 100

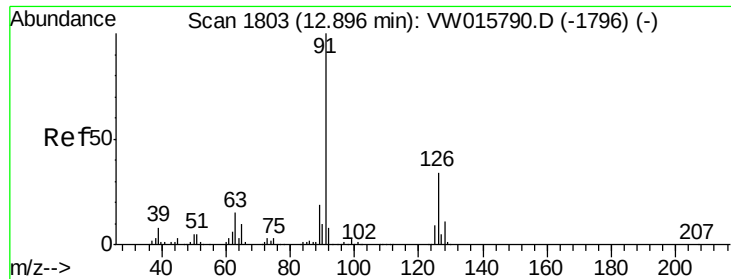
120 21.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





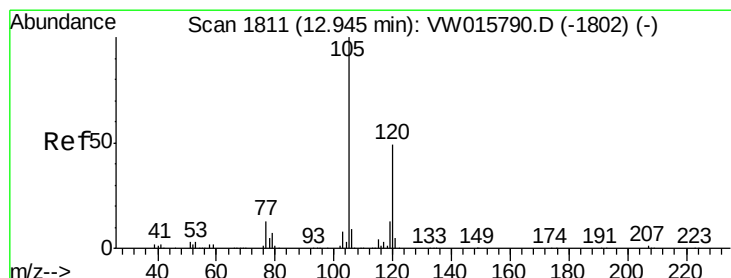
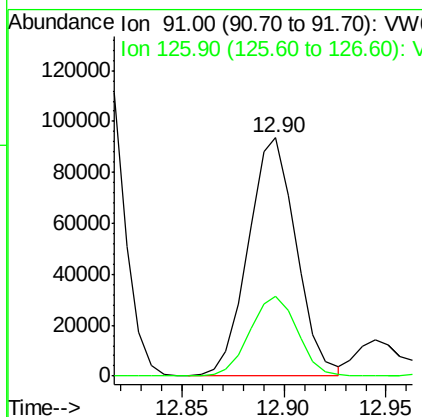
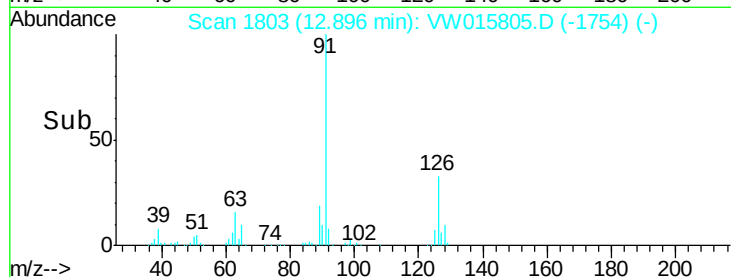
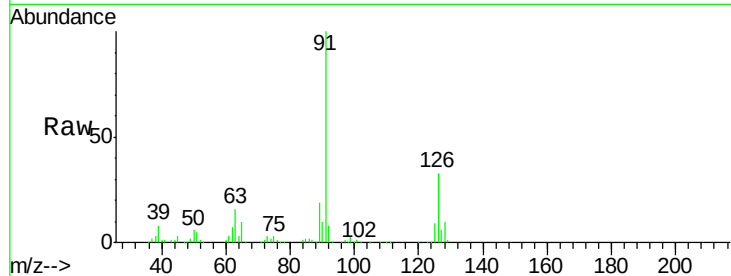
#79
2-Chlorotoluene
Concen: 20.484 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5

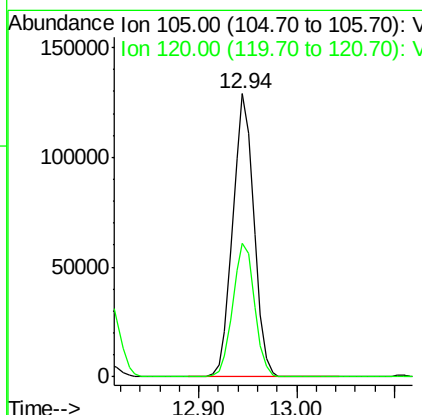
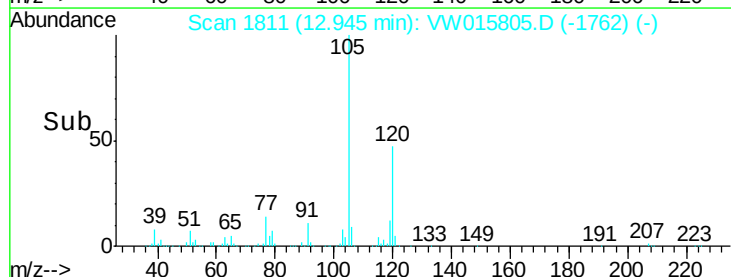
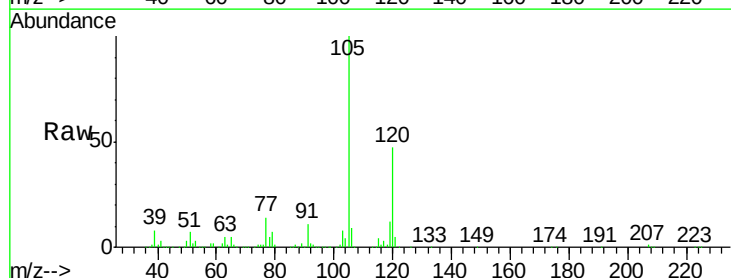
Manual Integrations
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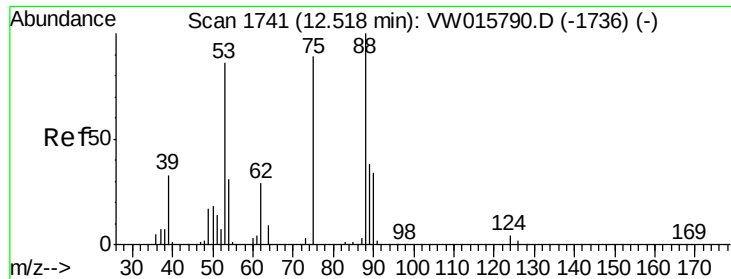
MMDadoda
7/9/2020 10:47:30 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.058 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.1	75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.021 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Instrument :

MSVOA_W

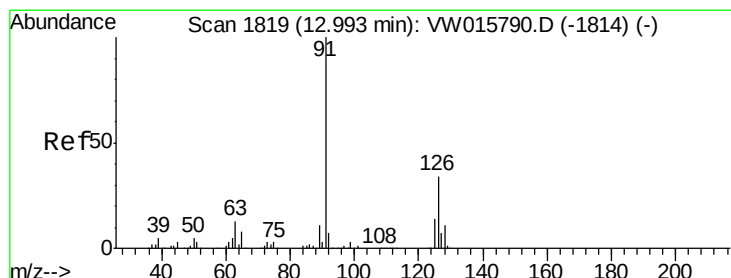
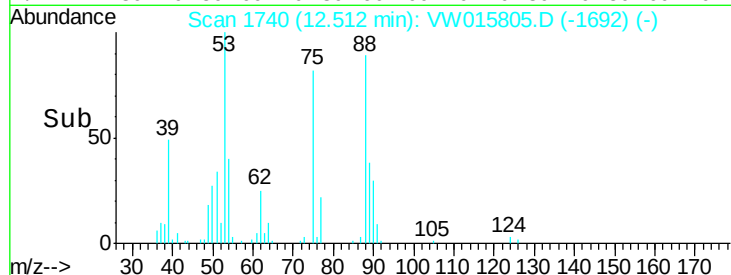
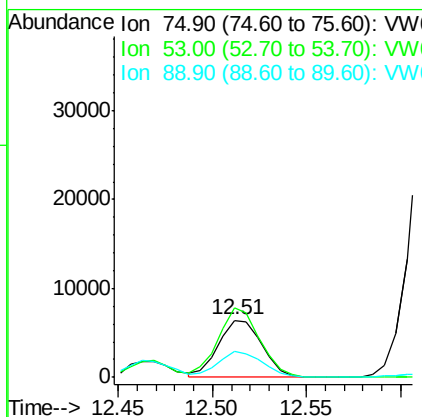
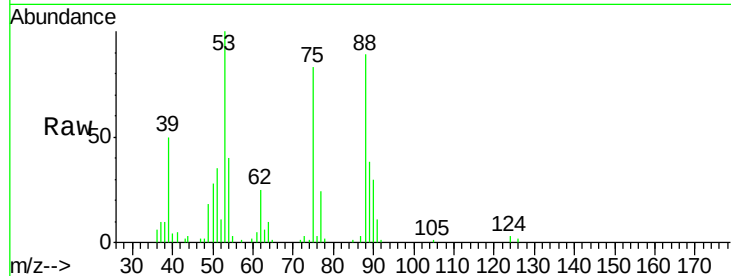
ClientSampled :

VW0708SBS01

Tot Ion:	75	Resp:	10457
Ion Ratio	Lower	Upper	
75	100		
53	114.2	85.9	128.9
89	46.2	36.2	54.4

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7/9/2020 10:47:30 AM



#82

4-Chlorotoluene

Concen: 20.979 ug/l

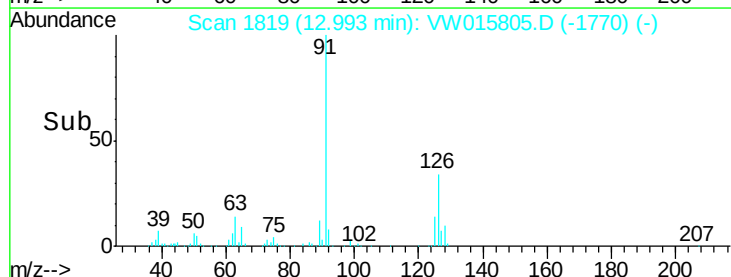
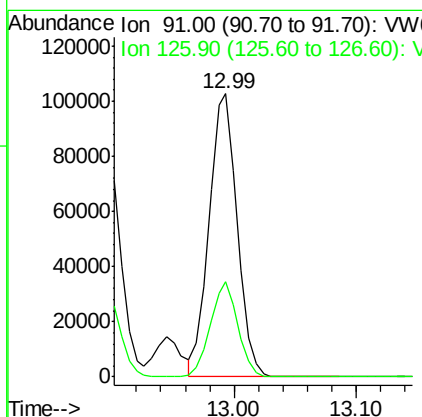
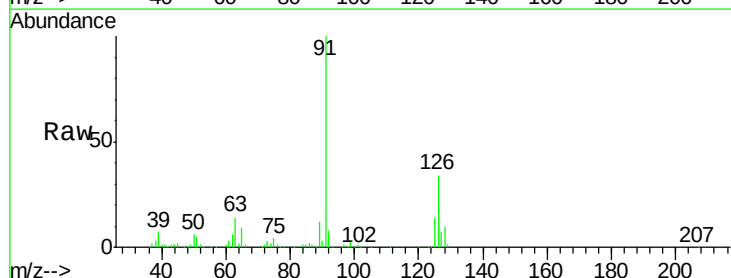
RT: 12.99 min Scan# 1819

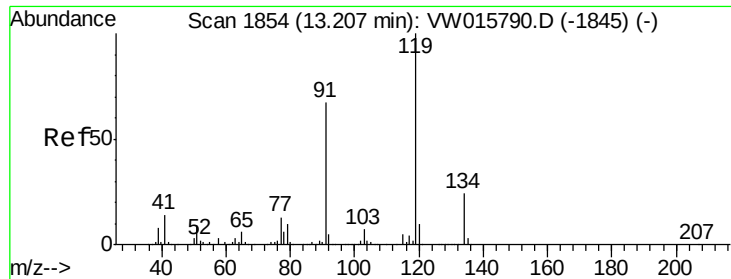
Delta R.T. 0.00 min

Lab File: VW015805.D

Acq: 08 Jul 2020 12:57

Tgt Ion:	91	Resp:	163649
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.3	48.9





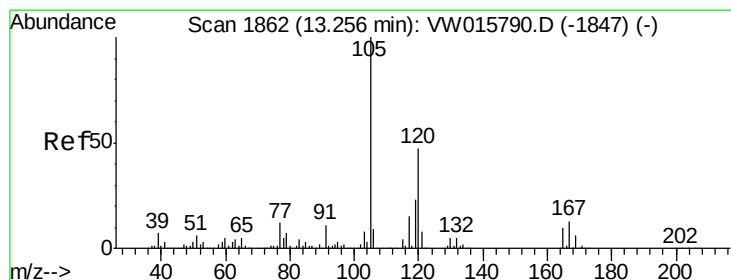
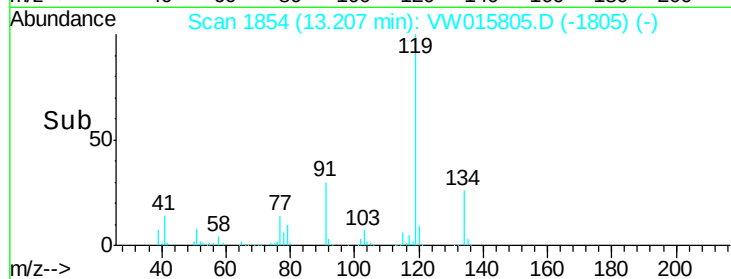
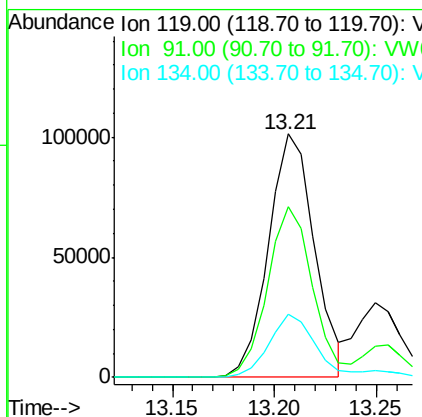
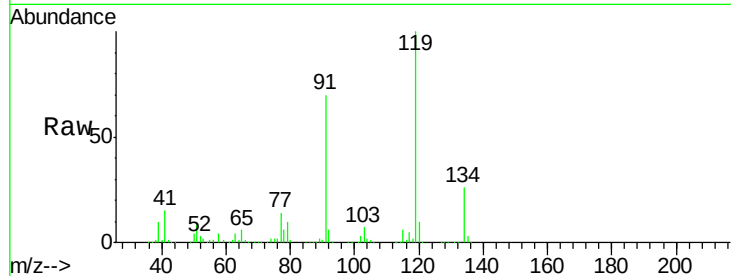
#83
 tert-Butylbenzene
 Concen: 20.866 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	159332		
91	69.3		34.4	103.3
134	27.8		13.6	40.7

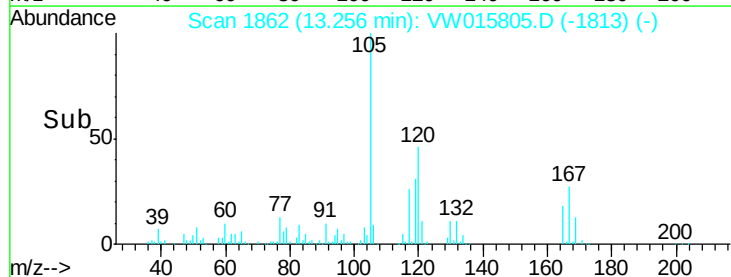
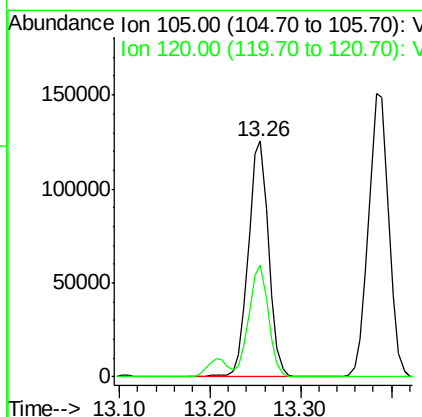
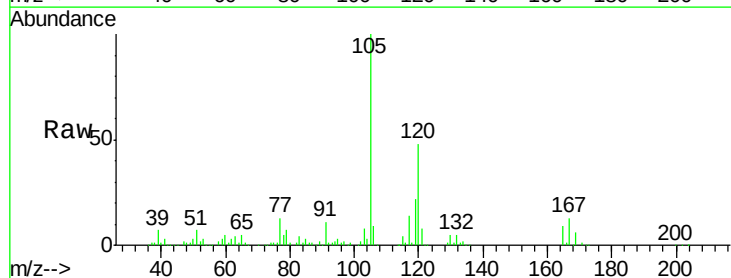
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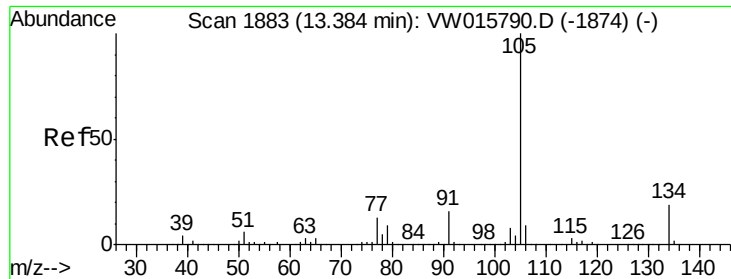
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 7/9/2020 10:47:30 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.154 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194310		
120	45.7		22.8	68.4





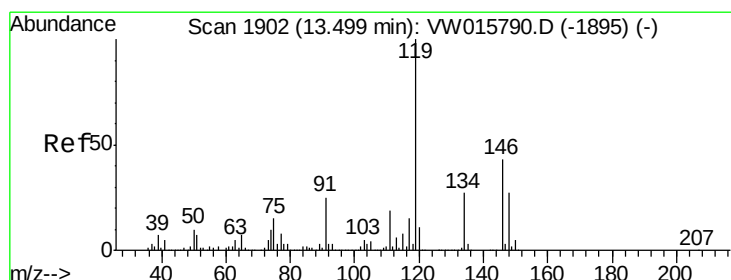
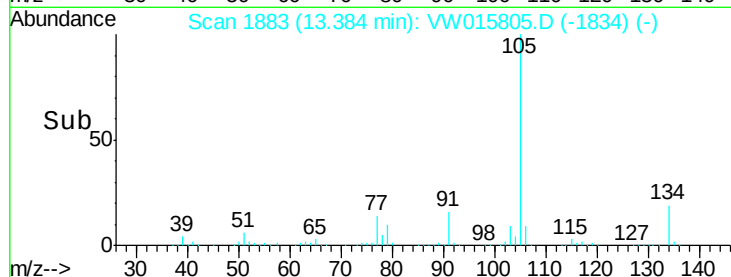
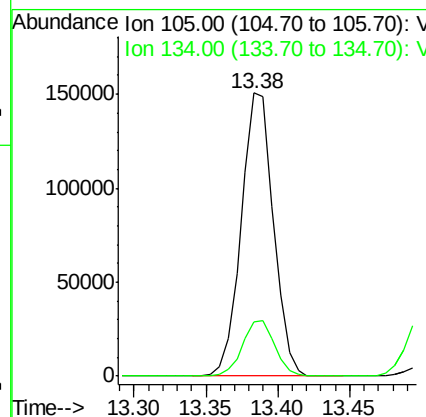
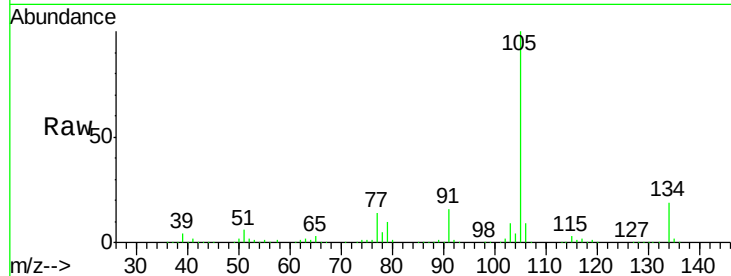
#85
 sec-Butylbenzene
 Concen: 21.179 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion:105 Resp: 233556
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

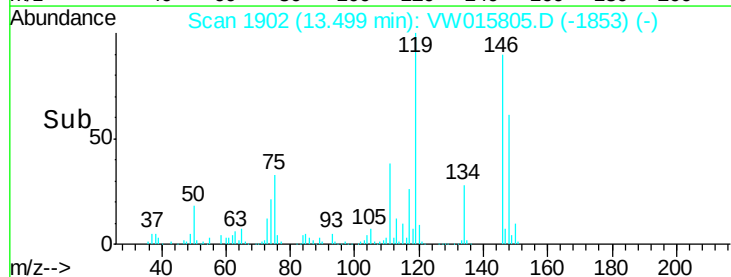
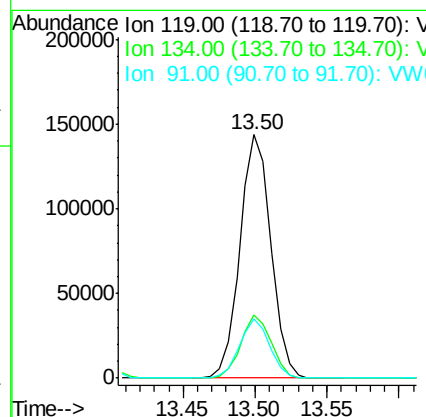
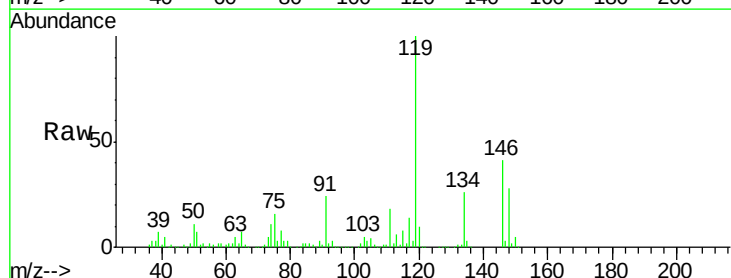
Manual Integrations
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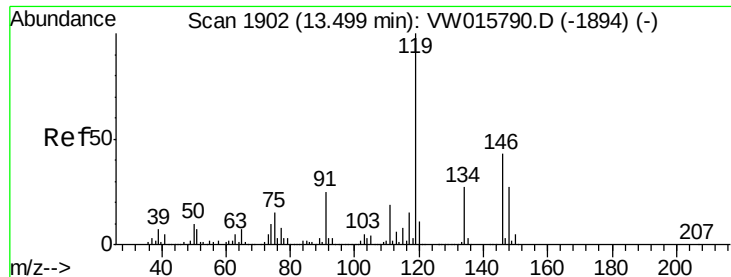
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 21.241 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion:119 Resp: 213900
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.6
 91 23.7 12.2 36.6





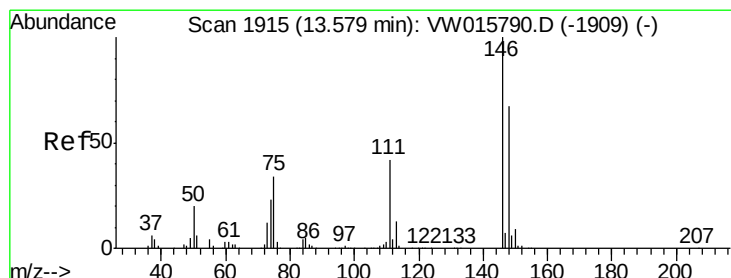
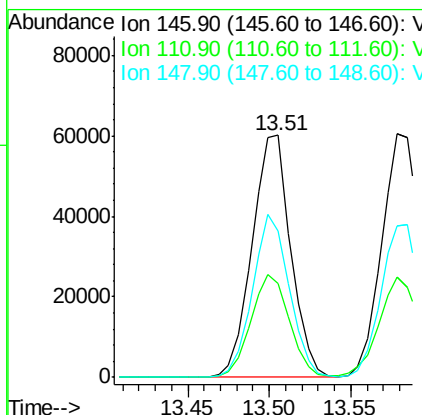
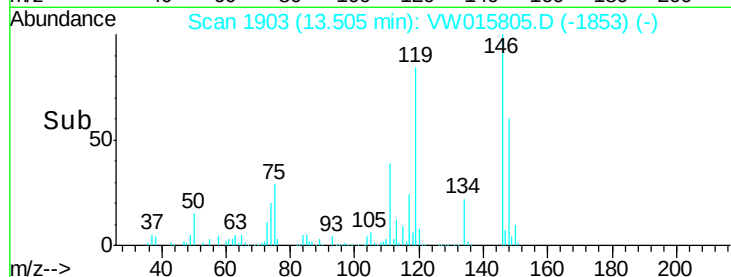
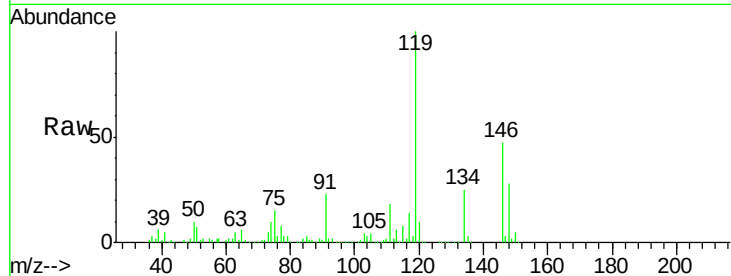
#87
 1,3-Dichlorobenzene
 Concen: 20.382 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.4
148	63.9	31.4	94.2

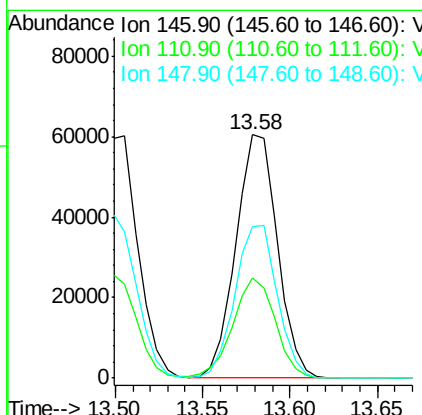
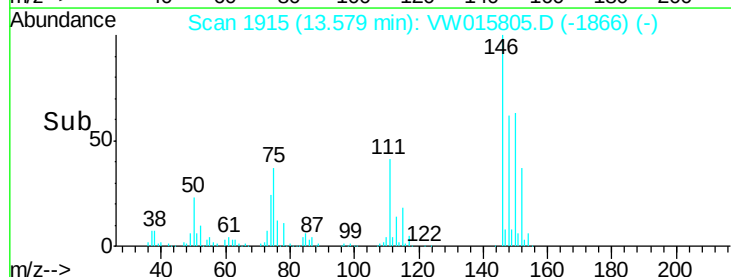
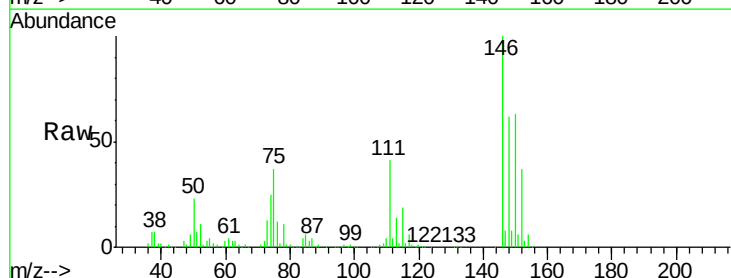
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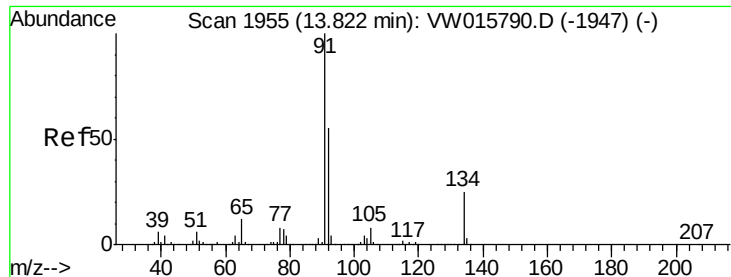
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#88
 1,4-Dichlorobenzene
 Concen: 21.127 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.6
148	63.7	31.8	95.4





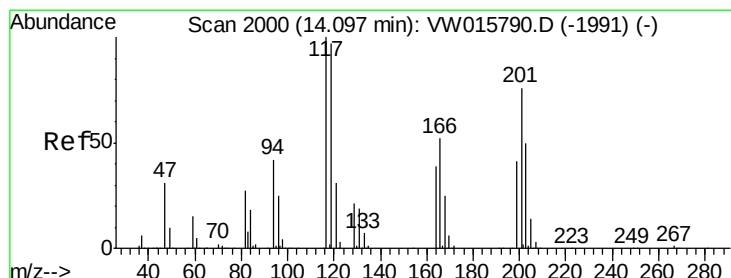
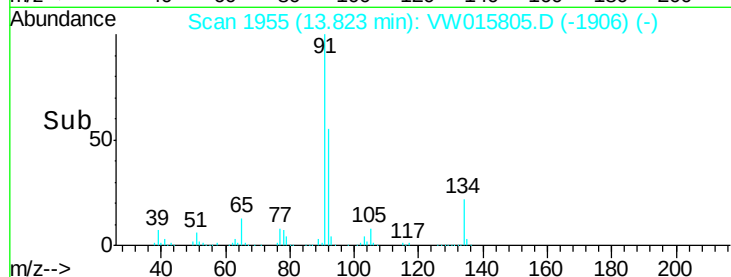
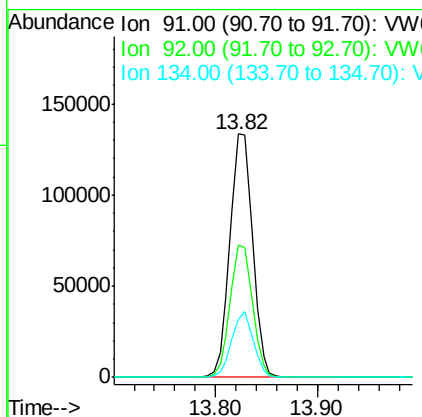
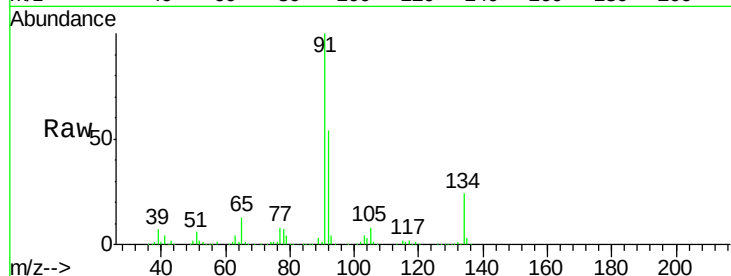
#89
n-Butylbenzene
Concen: 21.226 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.2	81.6
134	25.3	12.7	38.1

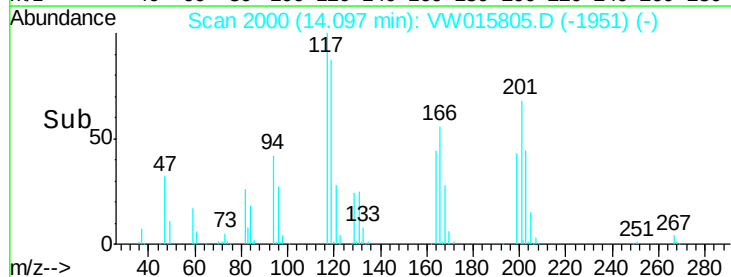
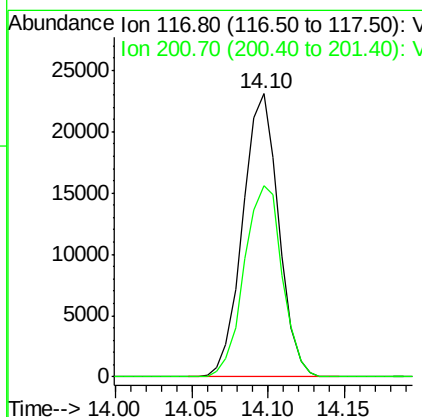
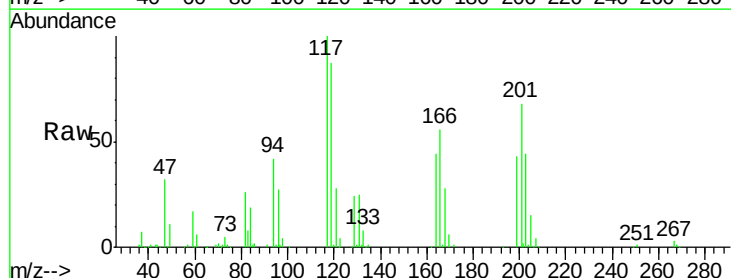
Manual Integrations
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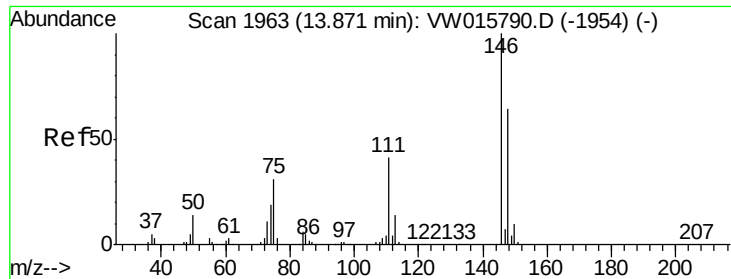
MMDadoda
7/9/2020 10:47:30 AM



#90
Hexachloroethane
Concen: 20.652 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.8	37.1	111.3





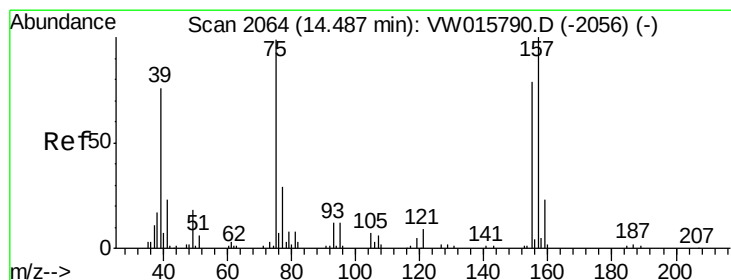
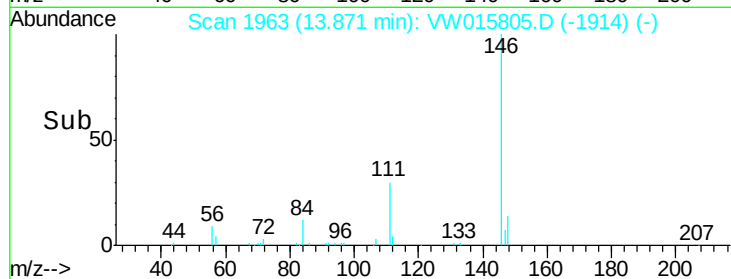
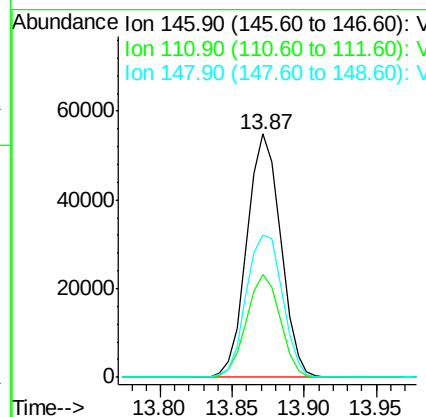
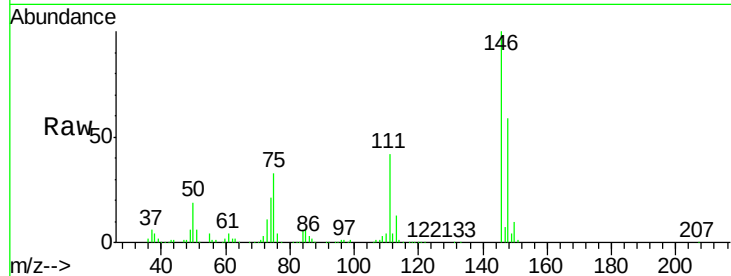
#91
 1,2-Dichlorobenzene
 Concen: 21.197 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Instrument :
 MSVOA_W
 ClientSampled :
 VW0708SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.6	61.9
148	62.9	31.8	95.4

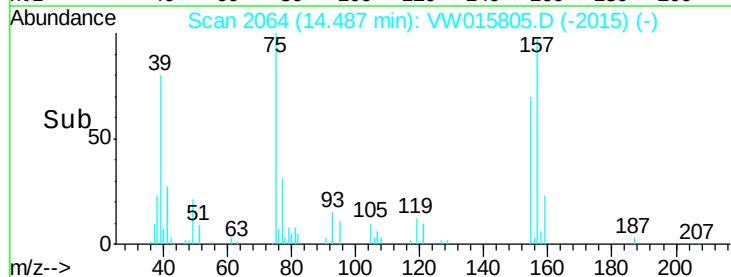
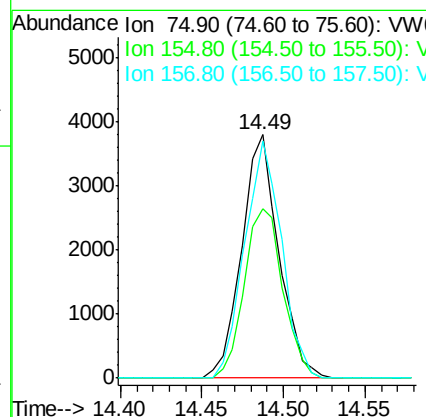
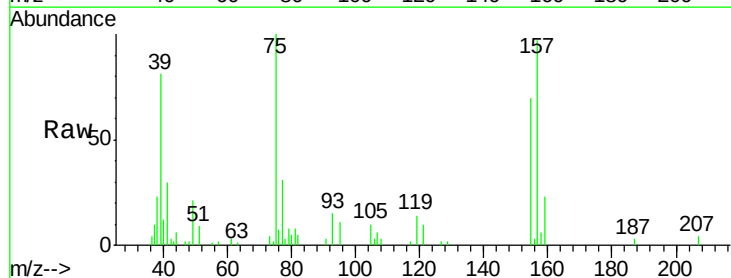
Manual Integrations
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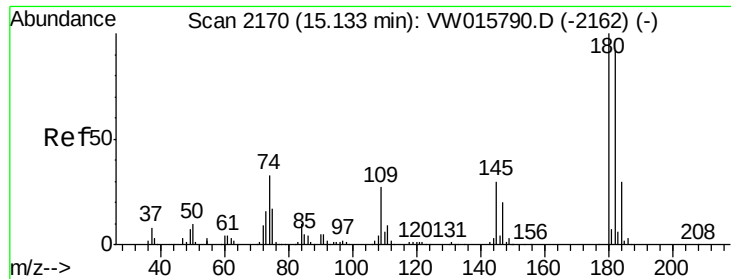
MMDadoda
 7/9/2020 10:47:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.096 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015805.D
 Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.3	39.1	117.5
157	96.6	49.1	147.4





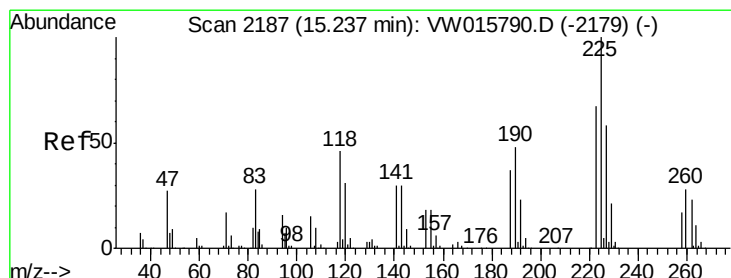
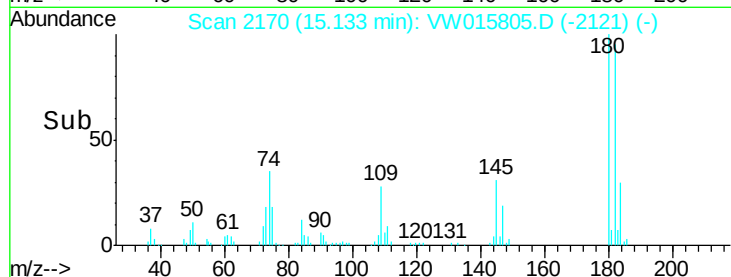
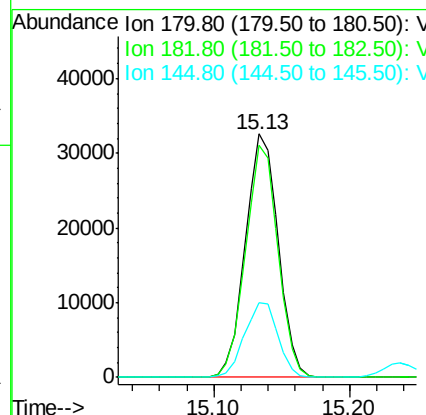
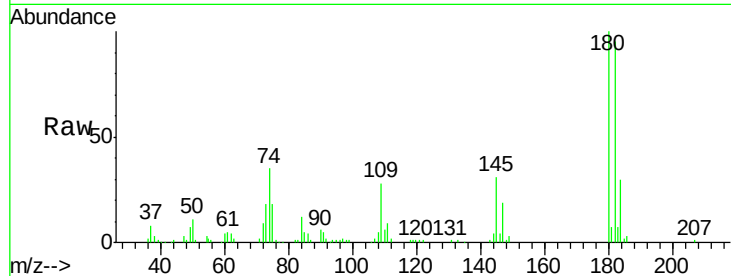
#93
1,2,4-Trichlorobenzene
Concen: 20.738 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	31.4	15.4	46.4

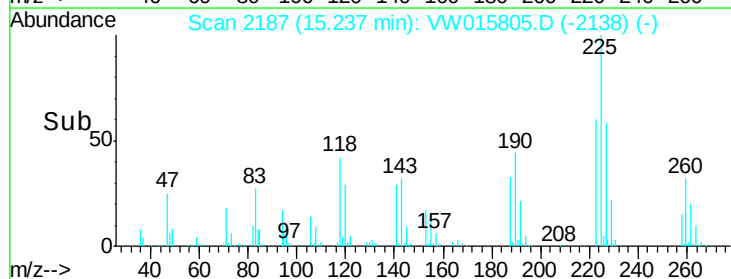
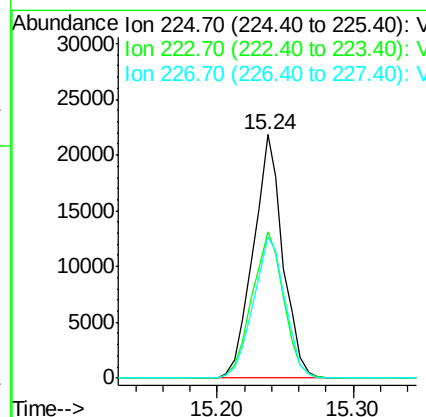
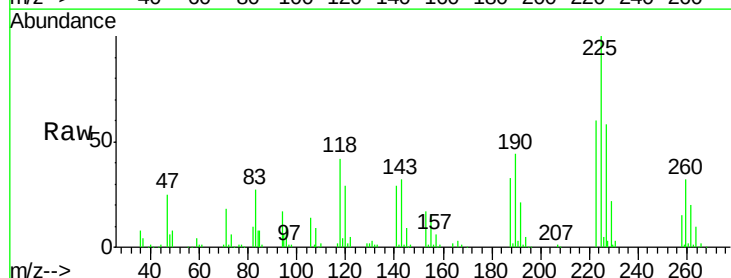
Manual Integrations
APPROVED

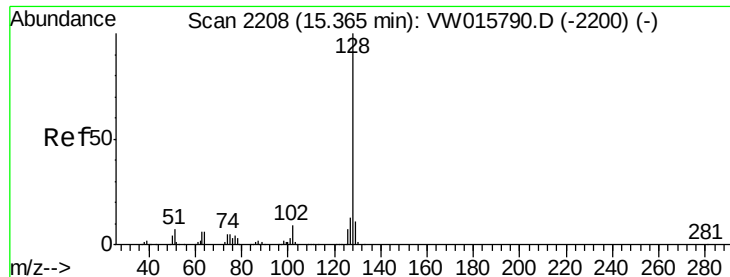
MMDadoda
7/9/2020 10:47:30 AM



#94
Hexachlorobutadiene
Concen: 19.859 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.4	97.2
227	61.9	30.7	92.1





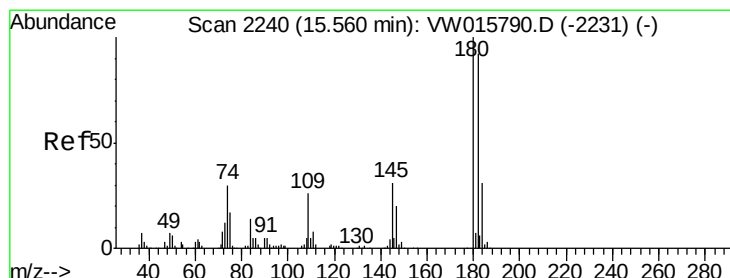
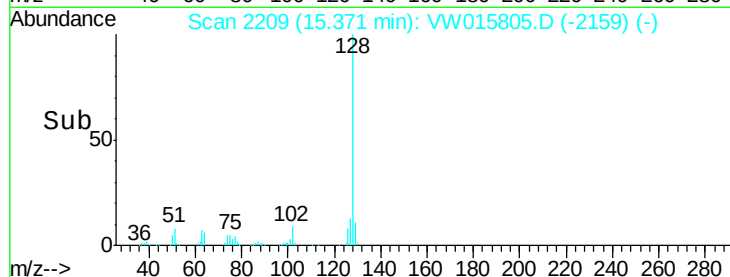
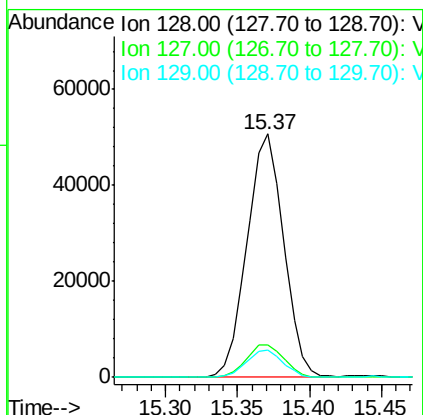
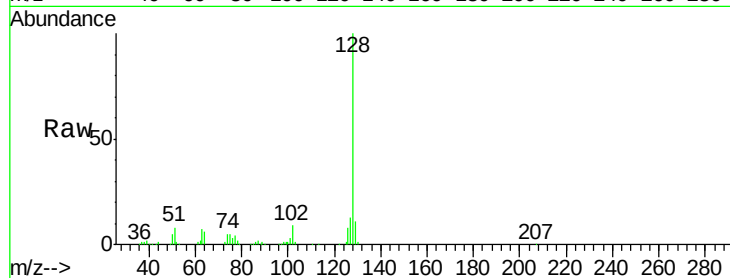
#95
Naphthalene
Concen: 19.818 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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7/9/2020 10:47:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.762 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW015805.D
Acq: 08 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.7	143.1
145	32.0	16.7	50.0

