

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011322\
 Data File : VW024357.D
 Acq On : 13 Jan 2022 18:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 22:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	235801	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	219415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79759	46.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	62574	48.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.080%
11) 1,1-Dichloroethene-d2	2.108	63	155375	48.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.980%
21) 2-Butanone-d5	3.883	46	106312	112.441	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.349	84	165672	53.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.840%
26) 1,2-Dichloroethane-d4	5.030	65	106655	51.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.720%
32) Benzene-d6	5.050	84	312676	54.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.220%
36) 1,2-Dichloropropane-d6	6.069	67	89162	55.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.120%
41) Toluene-d8	7.313	98	305175	55.048	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.100%
43) trans-1,3-Dichloroprop...	7.619	79	49765	53.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.720%
47) 2-Hexanone-d5	8.085	63	79932	114.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.650%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	125684	54.807	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.620%
66) 1,2-Dichlorobenzene-d4	11.622	152	129944	52.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81306	42.740	ug/L	99
3) Chloromethane	1.240	50	74069	46.344	ug/L	97
5) Vinyl chloride	1.310	62	80925	47.853	ug/L	94
6) Bromomethane	1.523	94	53379	55.392	ug/L	99
8) Chloroethane	1.584	64	49512	47.433	ug/L	96
9) Trichlorofluoromethane	1.751	101	146608	48.230	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	74971	50.465	ug/L	100
12) 1,1-Dichloroethene	2.117	96	70069	48.784	ug/L	86
13) Acetone	2.175	43	80782	86.536	ug/L	98
14) Carbon disulfide	2.294	76	168123	40.314	ug/L	100
15) Methyl Acetate	2.429	43	73551	54.172	ug/L	99
16) Methylene chloride	2.506	84	79500	50.827	ug/L	96
17) trans-1,2-Dichloroethene	2.760	96	72266	48.827	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	254737	55.845	ug/L	99
19) 1,1-Dichloroethane	3.188	63	133431	54.354	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	83245	52.664	ug/L	98
22) 2-Butanone	3.966	43	104026	104.905	ug/L	94
23) Bromochloromethane	4.249	128	47491	52.142	ug/L	92
25) Chloroform	4.375	83	151601	52.819	ug/L	99

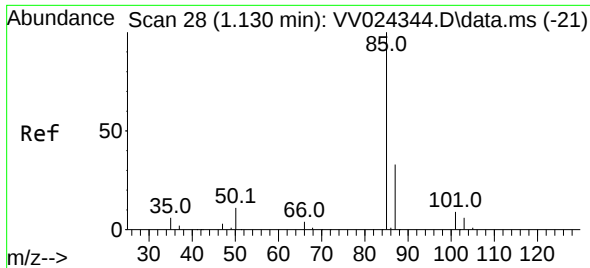
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	117482	50.324	ug/L	98
29) Cyclohexane	4.677	56	103729	52.886	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	145138	53.761	ug/L	99
31) Carbon tetrachloride	4.828	117	130500	52.104	ug/L	100
33) Benzene	5.098	78	303991	54.487	ug/L	100
34) Trichloroethene	5.911	95	84270	54.774	ug/L	97
35) Methylcyclohexane	6.130	83	117225	51.375	ug/L	99
37) 1,2-Dichloropropane	6.172	63	74142	56.500	ug/L	99
38) Bromodichloromethane	6.506	83	114561	55.633	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	121487	55.073	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	203273	118.791	ug/L	99
42) Toluene	7.387	91	342549	54.696	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	124611	55.688	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	82955	56.389	ug/L	98
46) Tetrachloroethene	7.976	164	72155	51.527	ug/L	99
48) 2-Hexanone	8.136	43	158147	115.065	ug/L	98
49) Dibromochloromethane	8.246	129	97804	53.038	ug/L	99
50) 1,2-Dibromoethane	8.349	107	87480	55.363	ug/L	100
51) Chlorobenzene	8.879	112	232192	55.045	ug/L	98
52) Ethylbenzene	9.011	91	369118	55.170	ug/L	99
53) m,p-Xylene	9.136	106	148511	55.377	ug/L	96
54) o-Xylene	9.542	106	144085	56.282	ug/L	99
55) Styrene	9.558	104	253139	56.940	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	118856	55.330	ug/L	99
59) Bromoform	9.731	173	72424	50.964	ug/L	98
60) Isopropylbenzene	9.931	105	388857	56.387	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	98089	53.601	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	330929	55.787	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	335089	56.582	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	197036	55.414	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	197860	53.958	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	197559	53.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	26918	51.072	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	148214	54.191	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	129060	55.176	ug/L	99
71) Naphthalene	13.500	128	385341	56.941	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	132917	54.982	ug/L	100

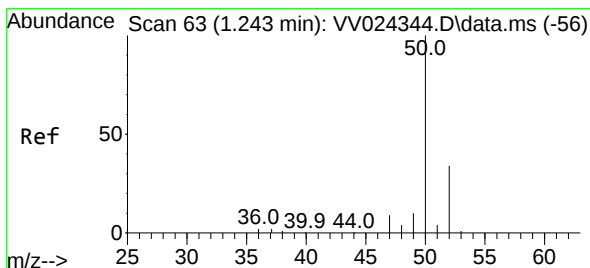
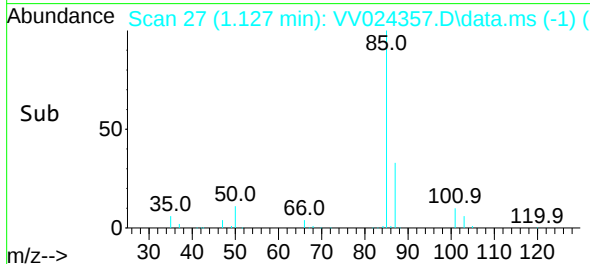
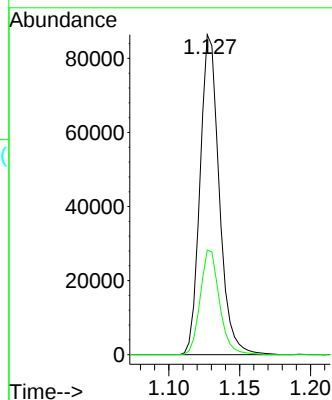
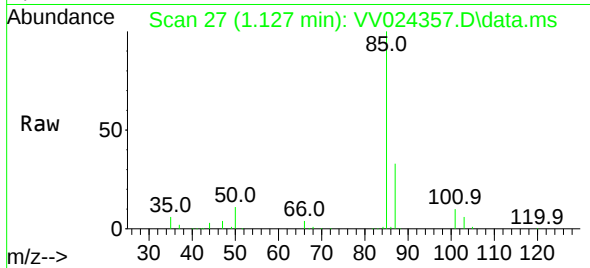
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.740 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

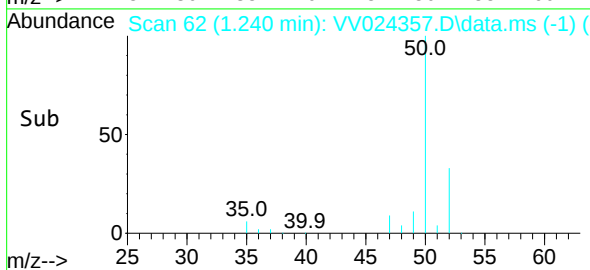
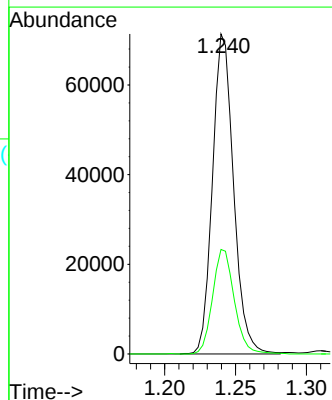
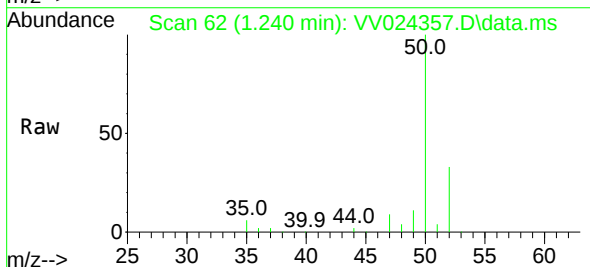
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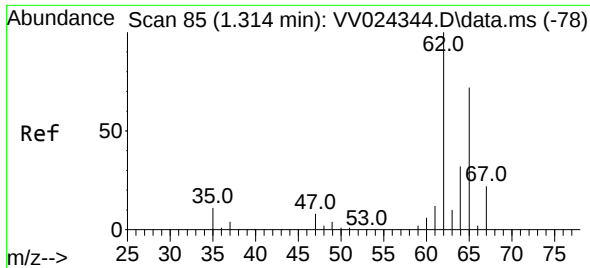
Tgt Ion: 85 Resp: 81306
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 46.344 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

Tgt Ion: 50 Resp: 74069
 Ion Ratio Lower Upper
 50 100
 52 32.7 24.1 44.7

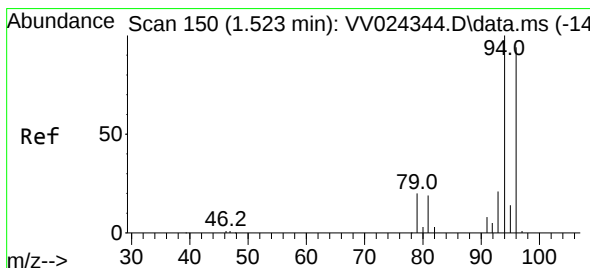
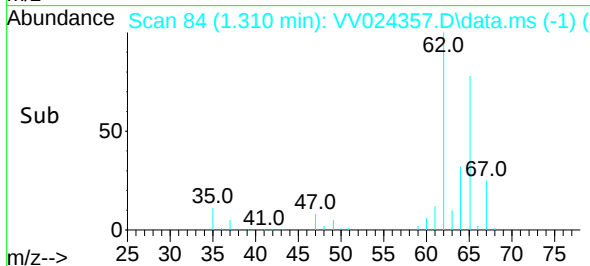
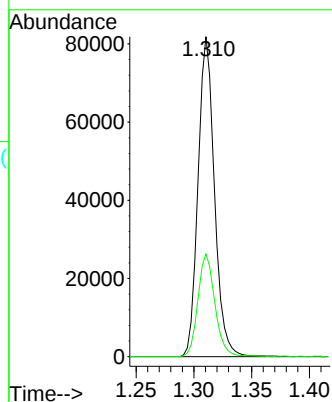
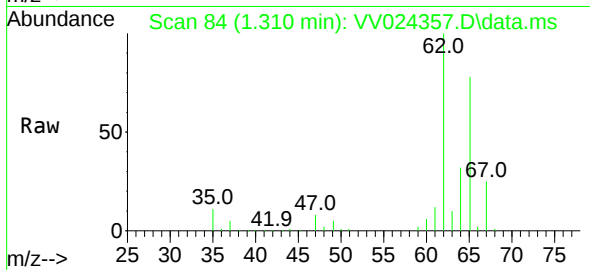




#5
 Vinyl chloride
 Concen: 47.853 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

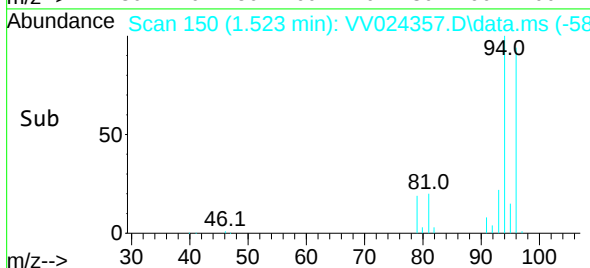
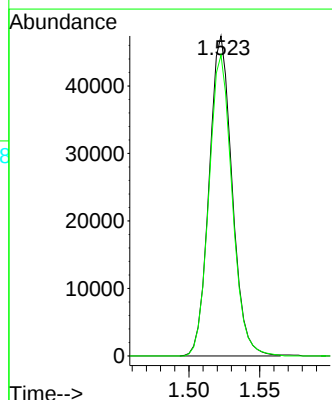
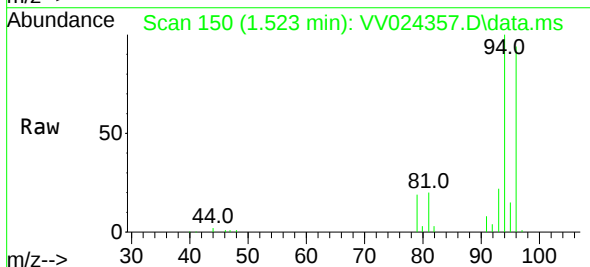
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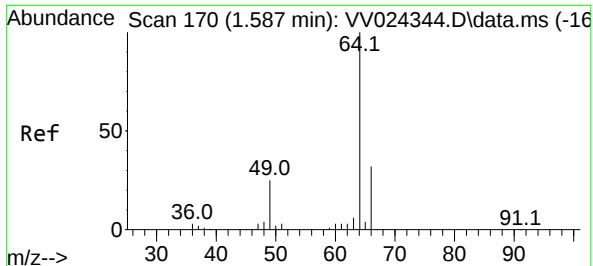
Tgt Ion: 62 Resp: 80925
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.0 46.4



#6
 Bromomethane
 Concen: 55.392 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

Tgt Ion: 94 Resp: 53379
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.0 120.6

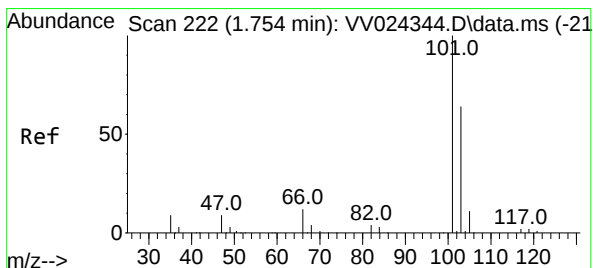
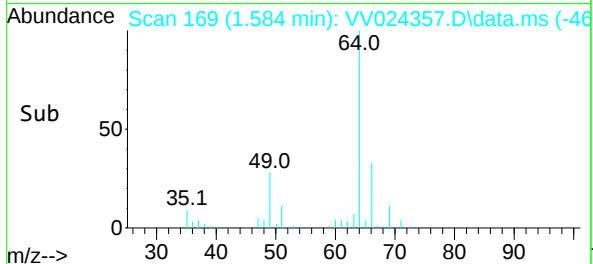
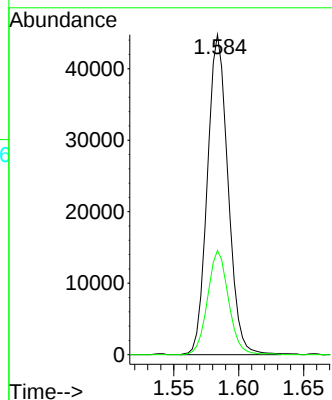
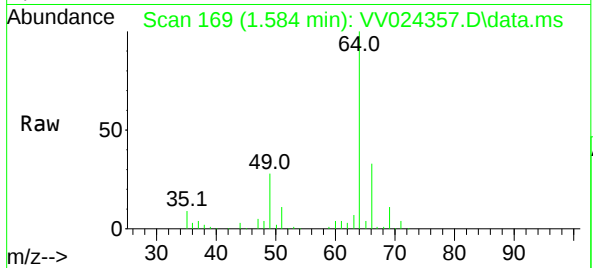




#8
Chloroethane
Concen: 47.433 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

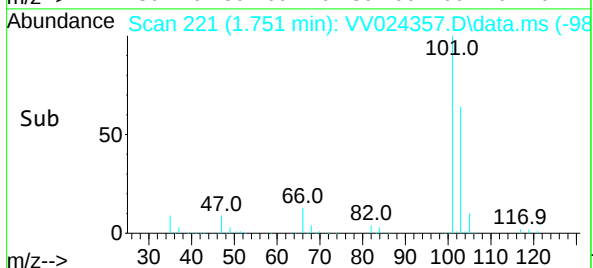
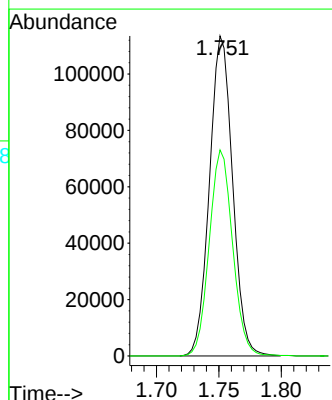
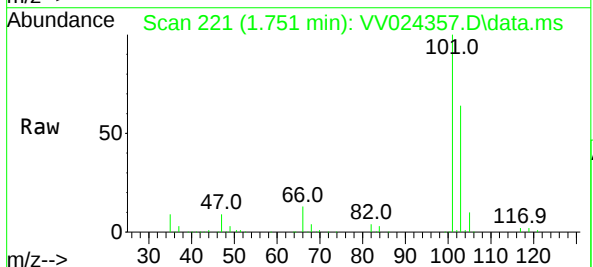
Instrument :
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ClientSampleId :

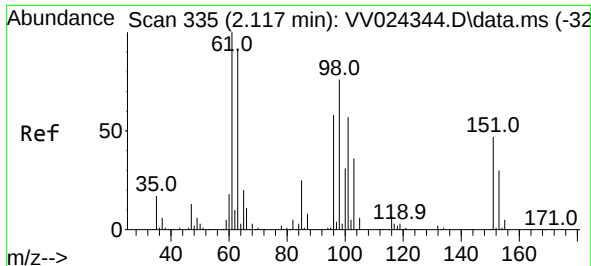
Tgt Ion: 64 Resp: 49512
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 48.230 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:101 Resp: 146608
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

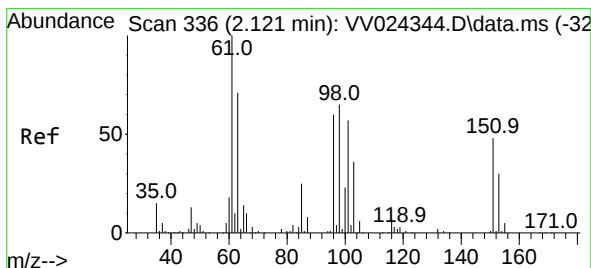
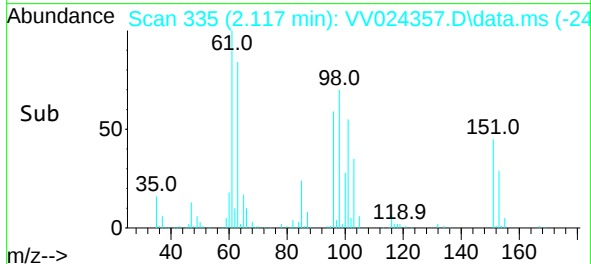
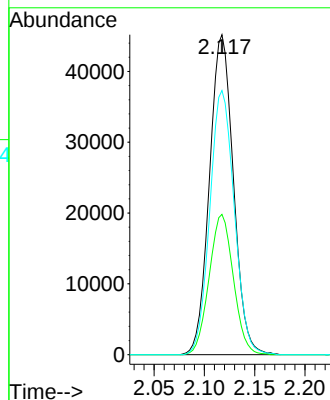
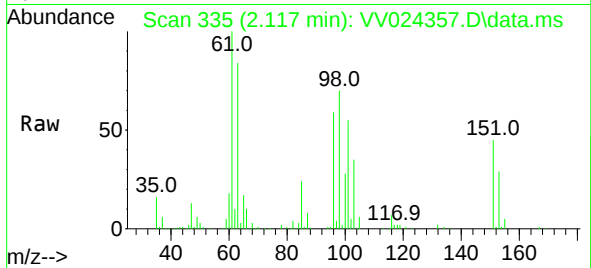




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.465 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

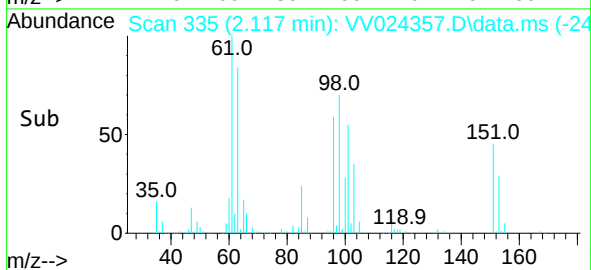
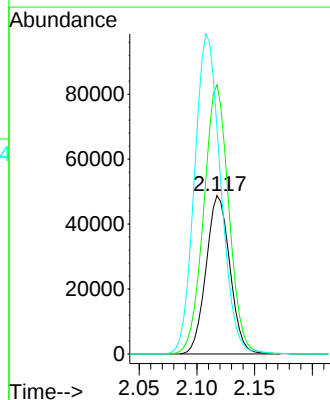
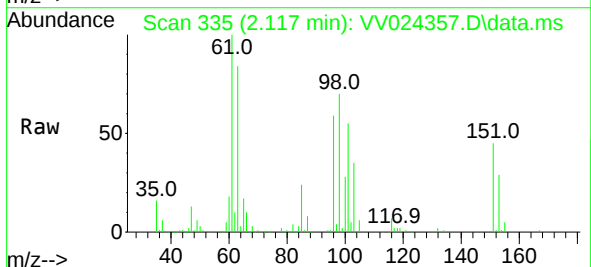
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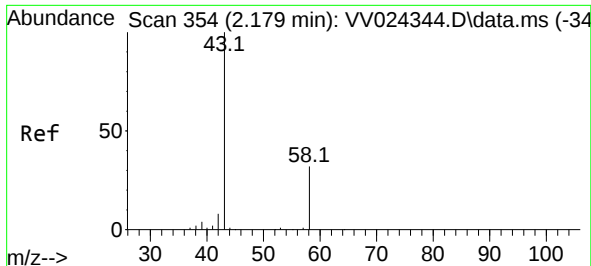
Tgt Ion:101 Resp: 74971
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.3 52.9
 151 84.3 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 48.784 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

Tgt Ion: 96 Resp: 70069
 Ion Ratio Lower Upper
 96 100
 61 169.9 111.9 207.9
 63 142.6 82.7 153.5

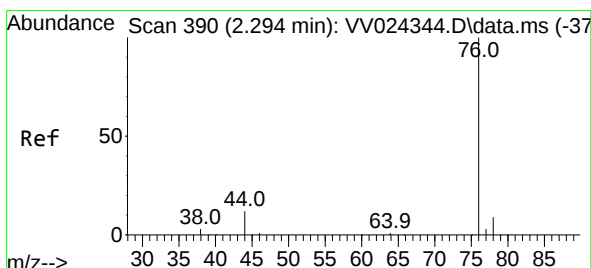
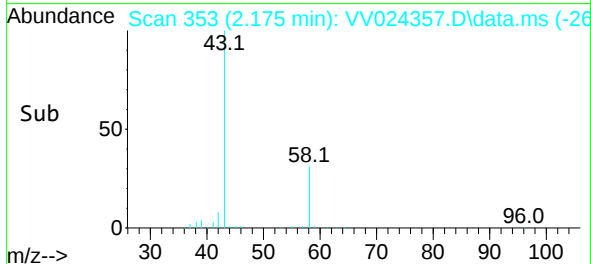
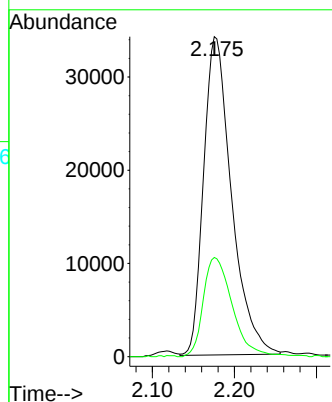
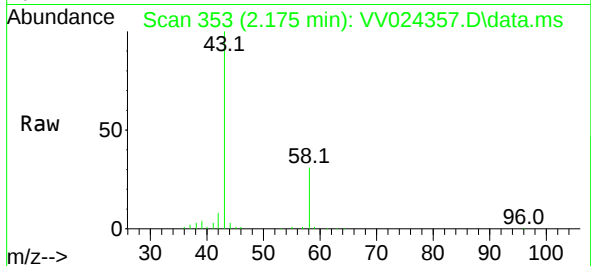




#13
Acetone
Concen: 86.536 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

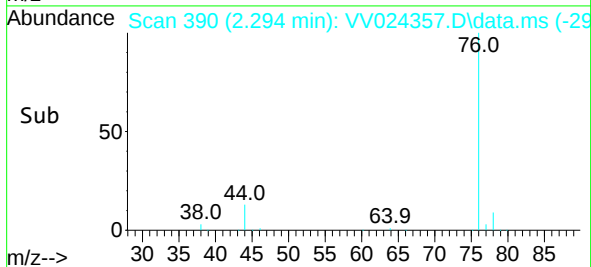
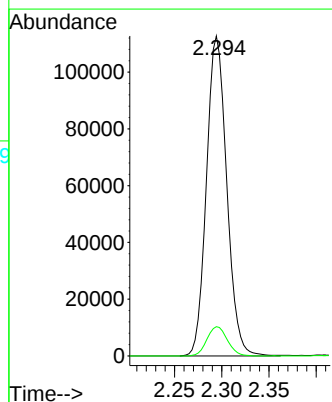
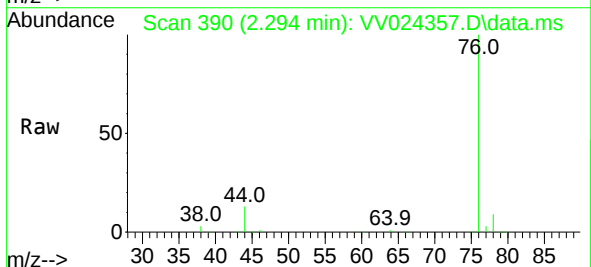
Instrument :
MSVOA_V
ClientSampleId :

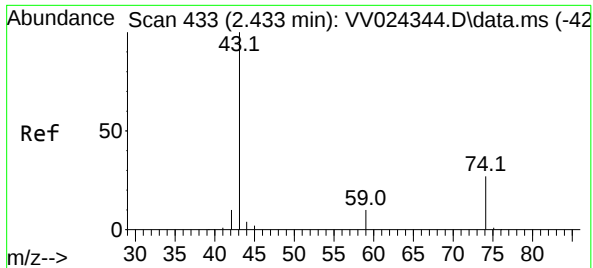
Tgt Ion: 43 Resp: 80782
Ion Ratio Lower Upper
43 100
58 32.5 0.0 63.0



#14
Carbon disulfide
Concen: 40.314 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion: 76 Resp: 168123
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

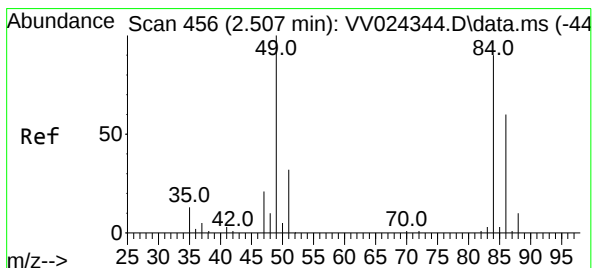
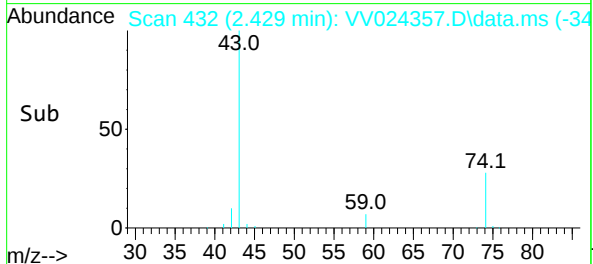
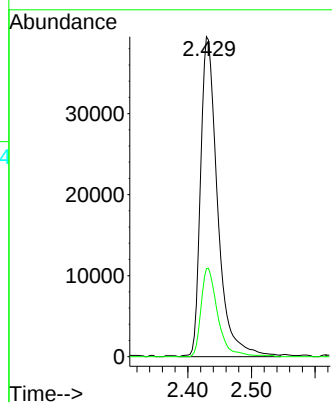
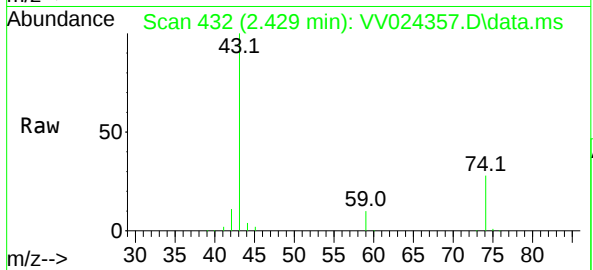




#15
Methyl Acetate
Concen: 54.172 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

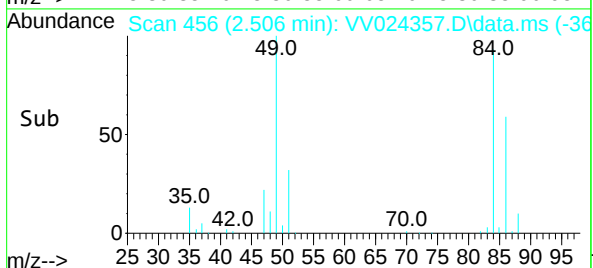
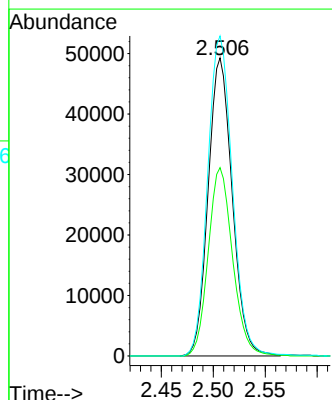
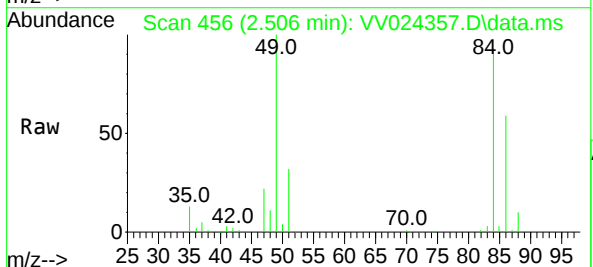
Instrument :
MSVOA_V
ClientSampleId :

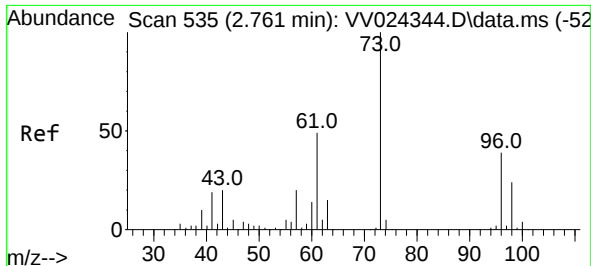
Tgt Ion: 43 Resp: 73551
Ion Ratio Lower Upper
43 100
74 26.9 21.8 32.8



#16
Methylene chloride
Concen: 50.827 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion: 84 Resp: 79500
Ion Ratio Lower Upper
84 100
86 63.2 46.8 86.8
49 107.4 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 48.827 ug/L

RT: 2.760 min Scan# 51

Delta R.T. -0.000 min

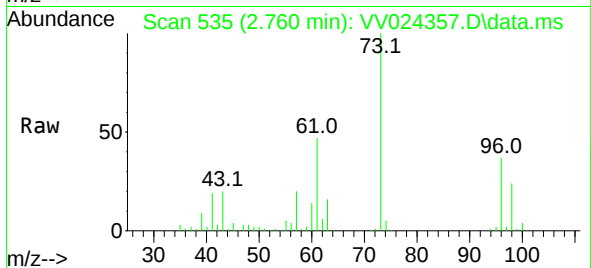
Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :



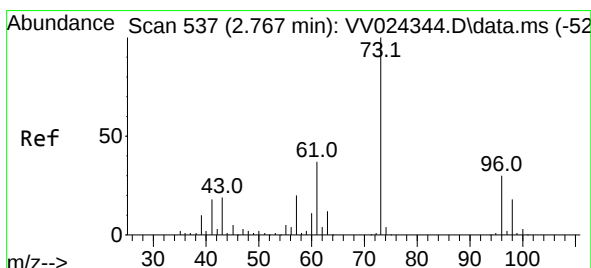
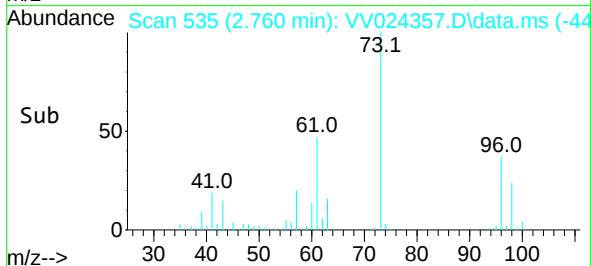
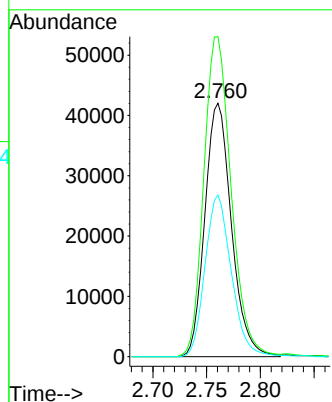
Tgt Ion: 96 Resp: 72266

Ion Ratio Lower Upper

96 100

61 126.2 88.1 163.7

98 63.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 55.845 ug/L

RT: 2.767 min Scan# 537

Delta R.T. -0.000 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

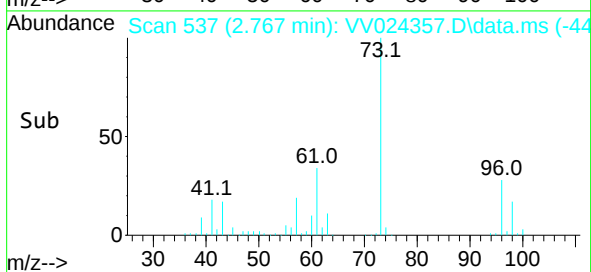
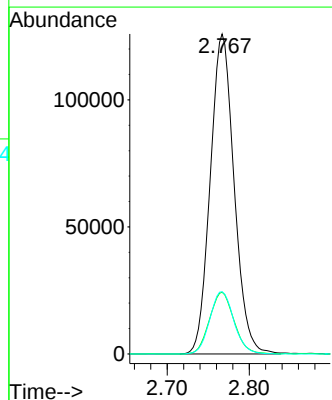
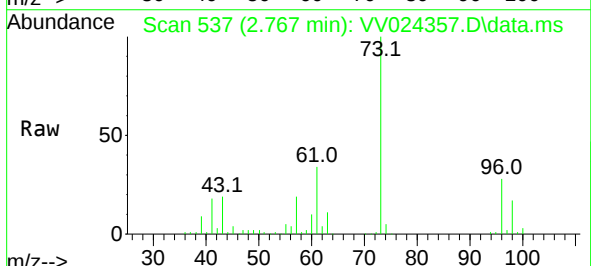
Tgt Ion: 73 Resp: 254737

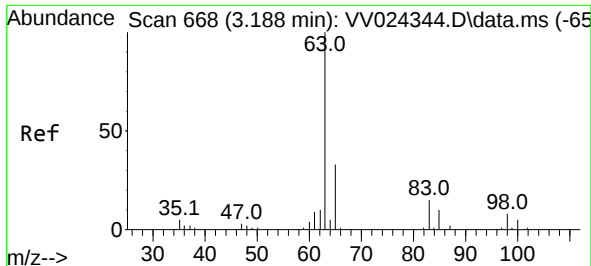
Ion Ratio Lower Upper

73 100

43 19.8 16.2 24.2

57 19.6 15.9 23.9





#19

1,1-Dichloroethane

Concen: 54.354 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.000 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

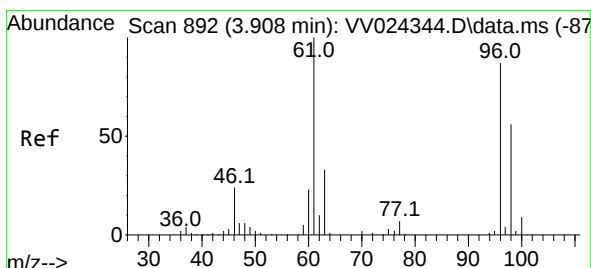
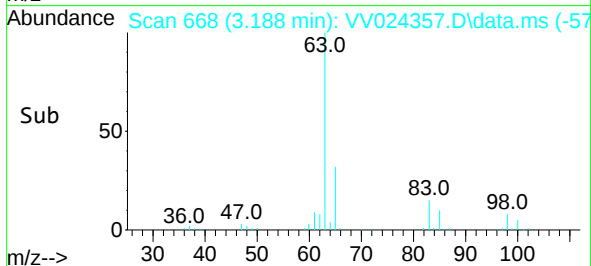
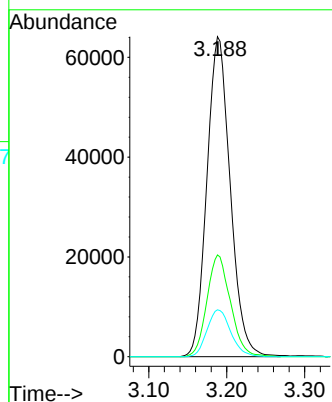
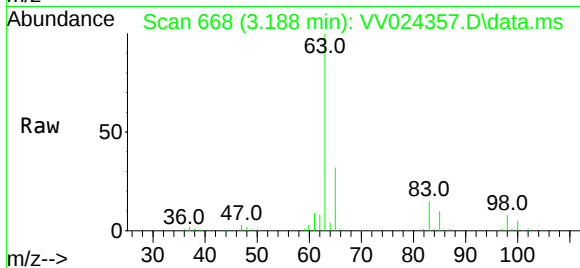
Tgt Ion: 63 Resp: 133431

Ion Ratio Lower Upper

63 100

65 31.8 22.4 41.6

83 14.7 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 52.664 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

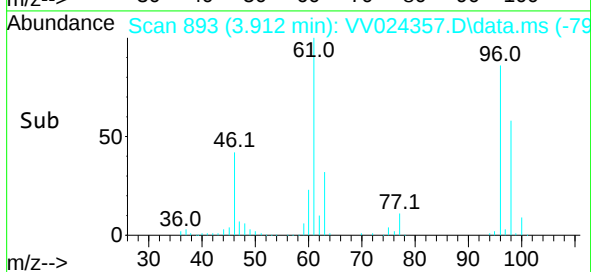
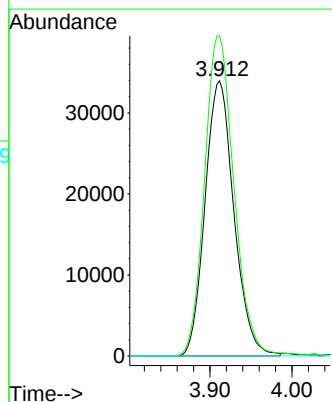
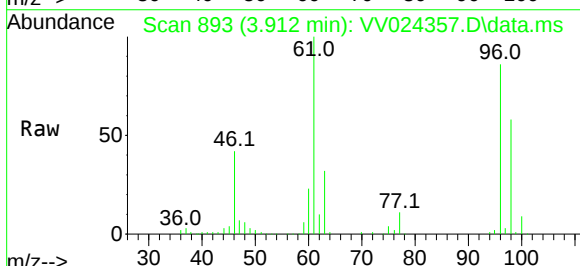
Tgt Ion: 96 Resp: 83245

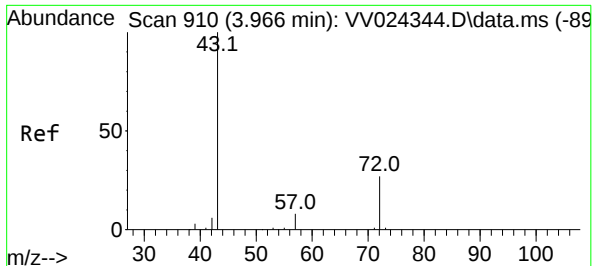
Ion Ratio Lower Upper

96 100

61 116.2 82.9 153.9

68 0.0 0.0 0.0

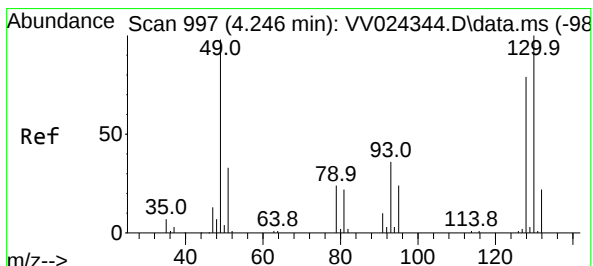
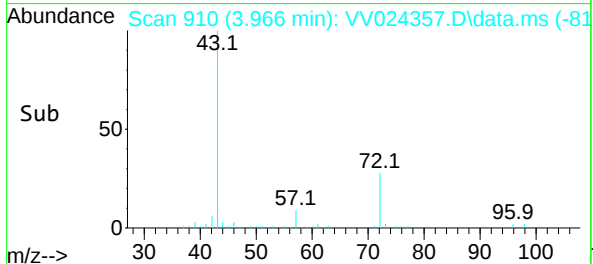
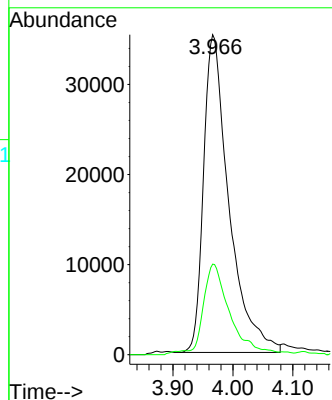
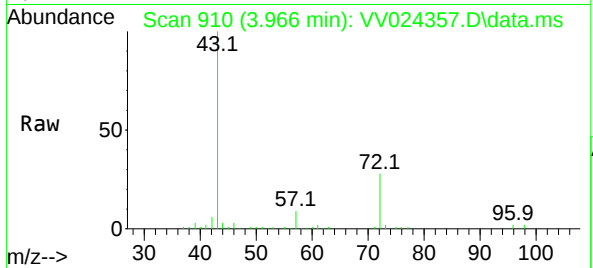




#22
2-Butanone
Concen: 104.905 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

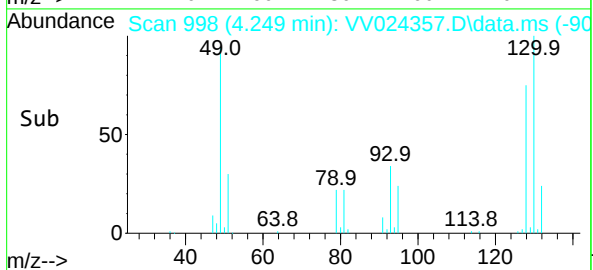
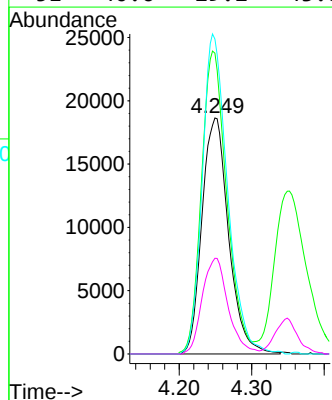
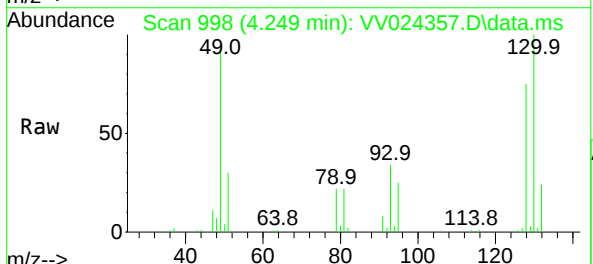
Instrument :
MSVOA_V
ClientSampleId :

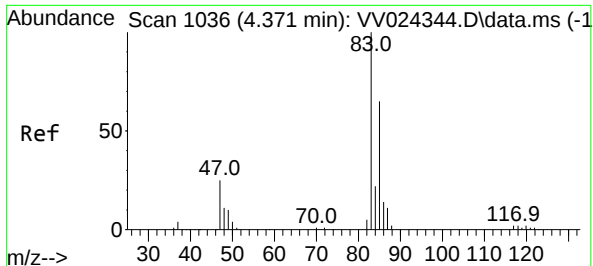
Tgt Ion: 43 Resp: 104026
Ion Ratio Lower Upper
43 100
72 26.7 14.9 44.9



#23
Bromochloromethane
Concen: 52.142 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:128 Resp: 47491
Ion Ratio Lower Upper
128 100
49 127.4 83.1 154.3
130 133.4 87.0 161.6
51 40.6 29.2 43.8





#25

Chloroform

Concen: 52.819 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

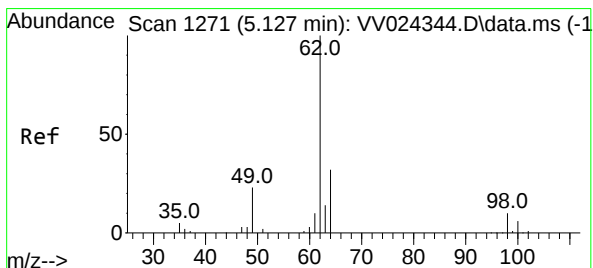
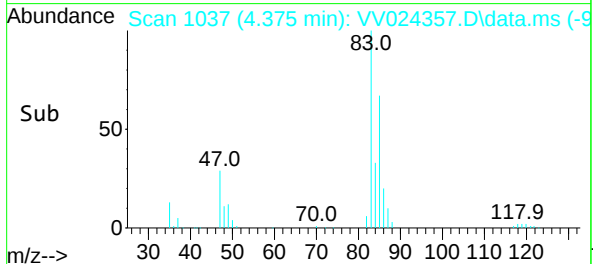
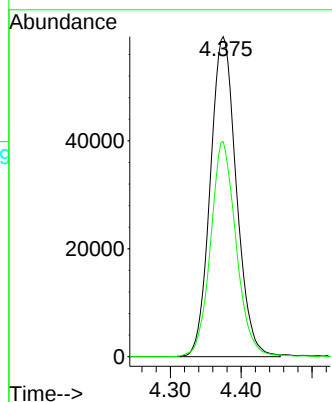
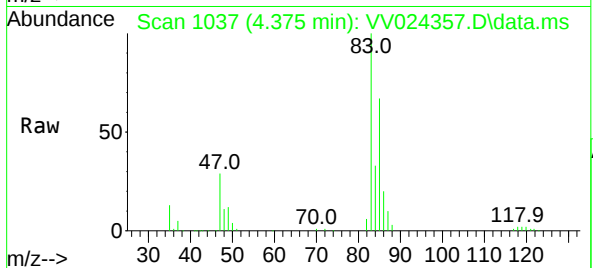
ClientSampleId :

Tgt Ion: 83 Resp: 151601

Ion Ratio Lower Upper

83 100

85 67.2 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.324 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV024357.D

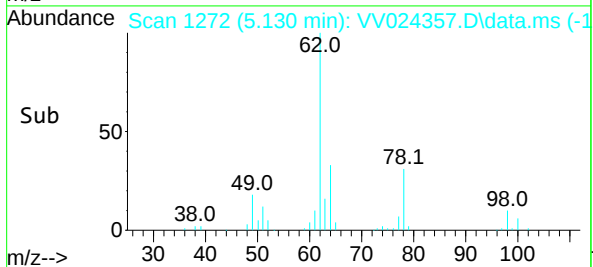
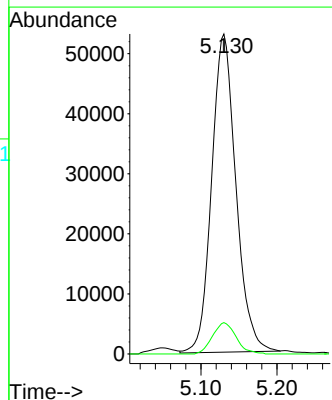
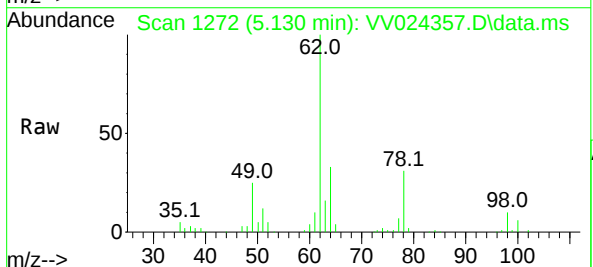
Acq: 13 Jan 2022 18:21

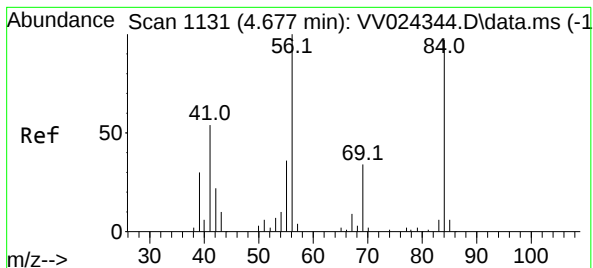
Tgt Ion: 62 Resp: 117482

Ion Ratio Lower Upper

62 100

98 9.8 7.1 10.7





#29

Cyclohexane

Concen: 52.886 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

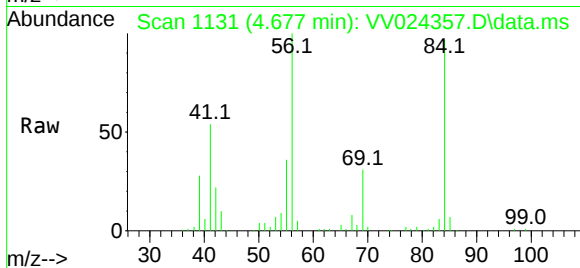
Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :



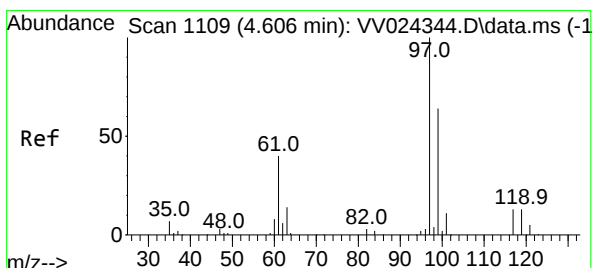
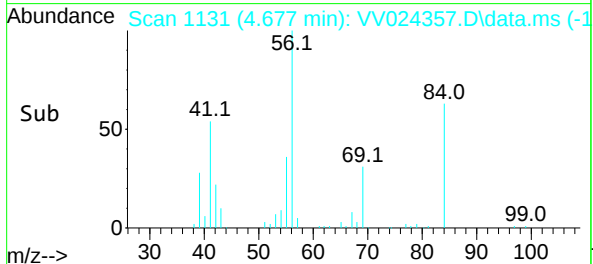
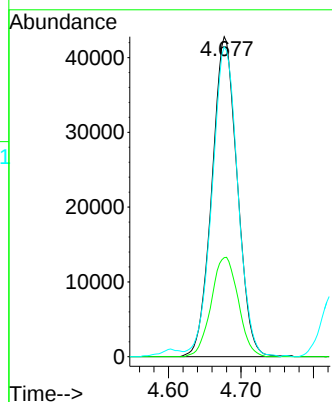
Tgt Ion: 56 Resp: 103729

Ion Ratio Lower Upper

56 100

69 33.1 25.8 38.6

84 98.7 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 53.761 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

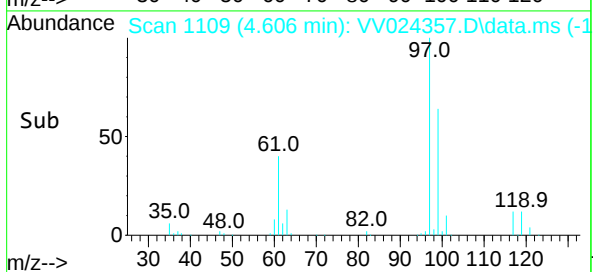
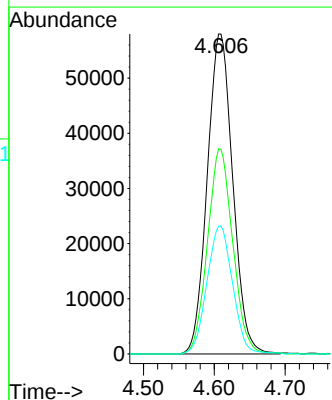
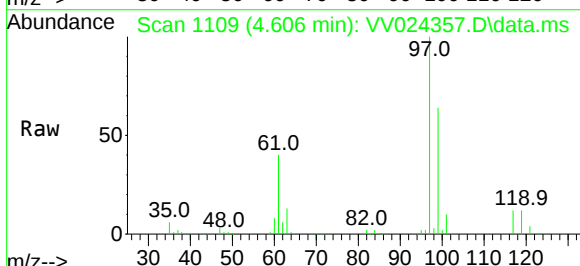
Tgt Ion: 97 Resp: 145138

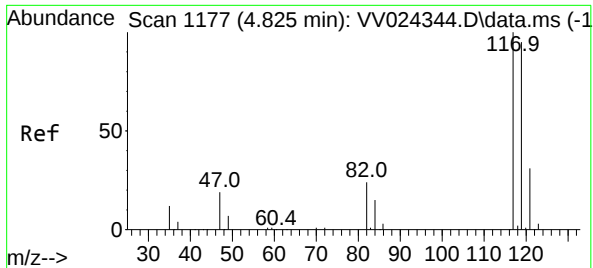
Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

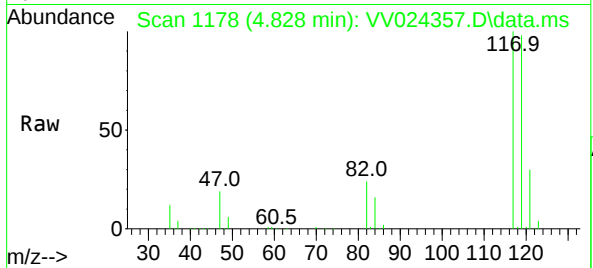
61 40.2 33.2 49.8



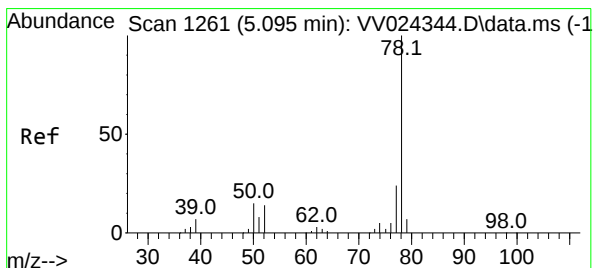
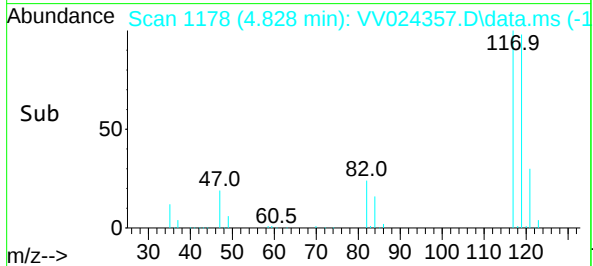
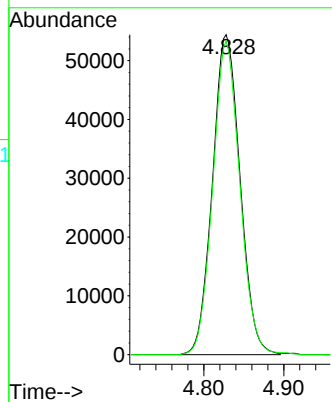


#31
Carbon tetrachloride
Concen: 52.104 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :

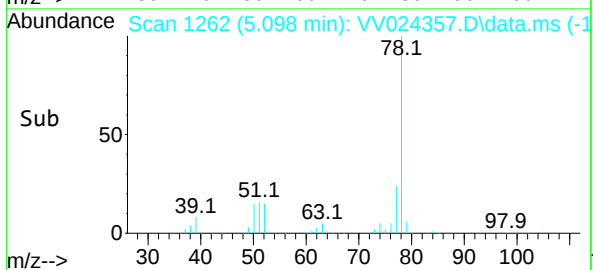
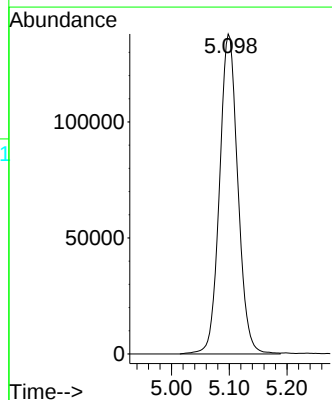
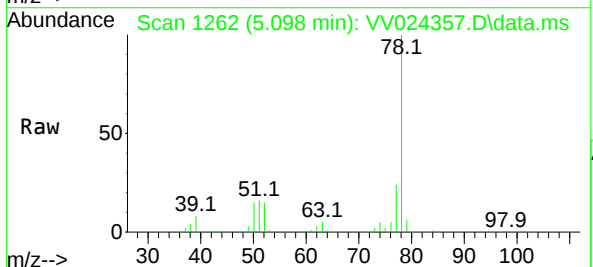


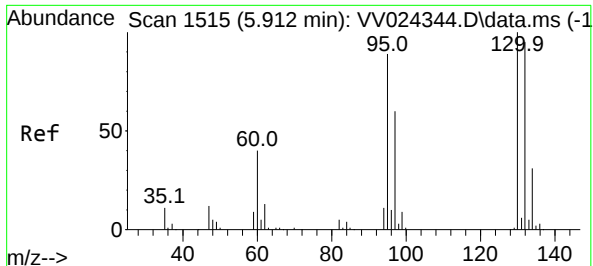
Tgt Ion:117 Resp: 130500
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 54.487 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

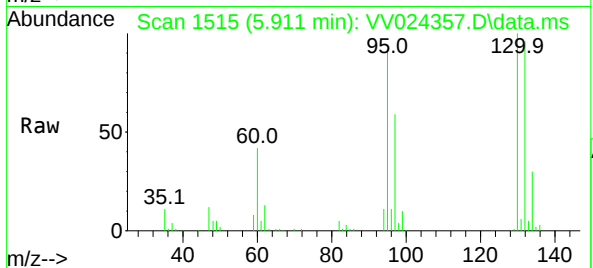
Tgt Ion: 78 Resp: 303991



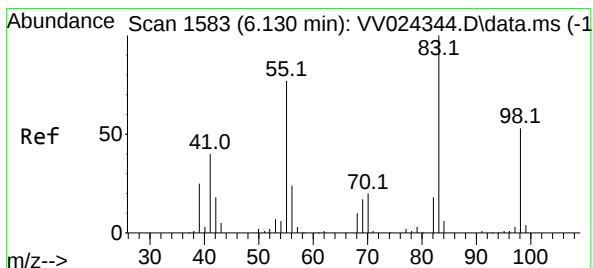
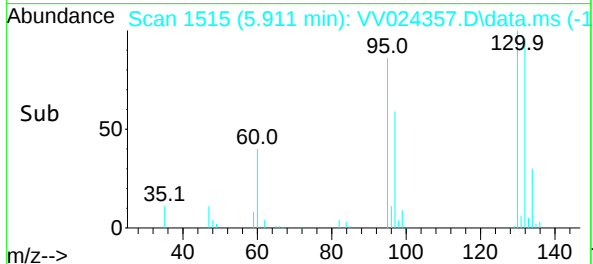
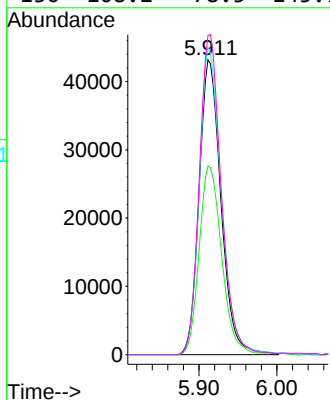


#34
Trichloroethene
Concen: 54.774 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :

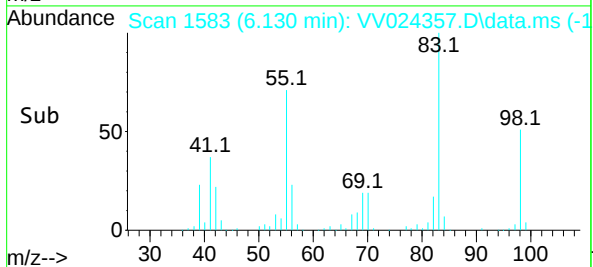
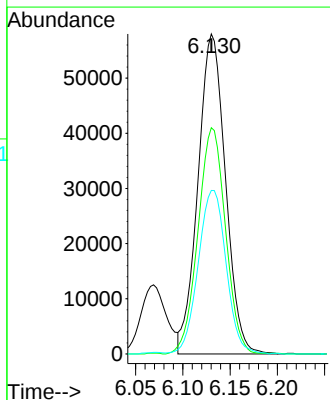
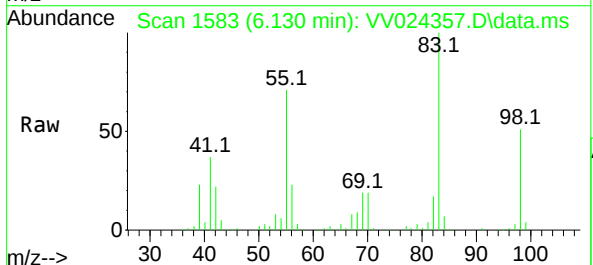


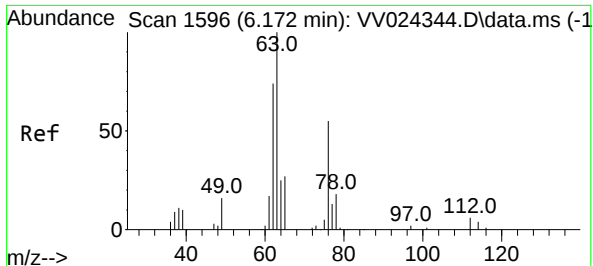
Tgt Ion: 95 Resp: 84270
Ion Ratio Lower Upper
95 100
97 64.0 44.1 81.9
132 104.0 75.1 139.5
130 108.2 78.5 145.7



#35
Methylcyclohexane
Concen: 51.375 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion: 83 Resp: 117225
Ion Ratio Lower Upper
83 100
55 70.8 55.6 83.4
98 52.1 41.3 61.9





#37

1,2-Dichloropropane

Concen: 56.500 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

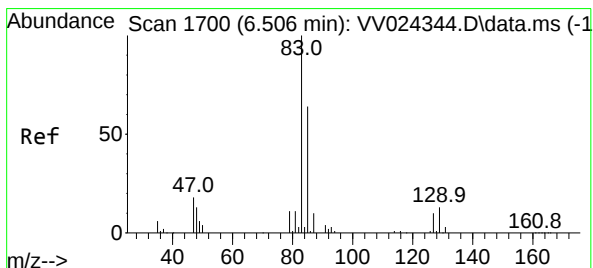
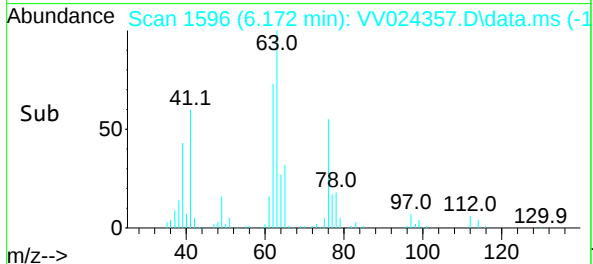
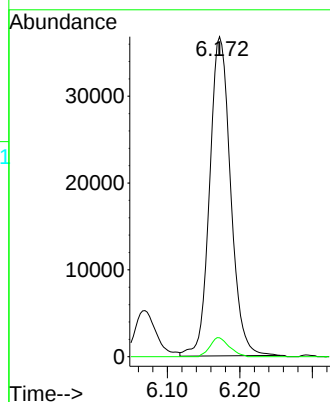
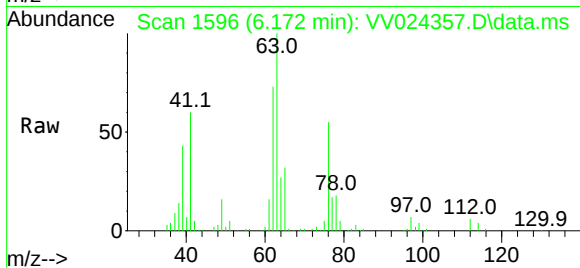
ClientSampleId :

Tgt Ion: 63 Resp: 74142

Ion Ratio Lower Upper

63 100

112 5.5 4.7 7.1



#38

Bromodichloromethane

Concen: 55.633 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

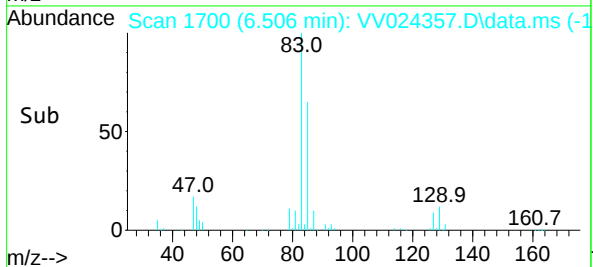
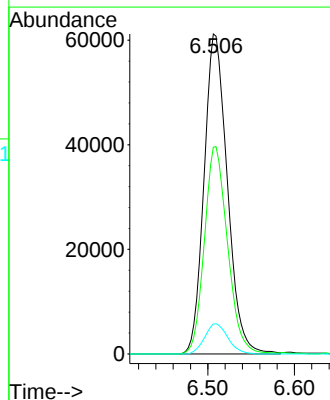
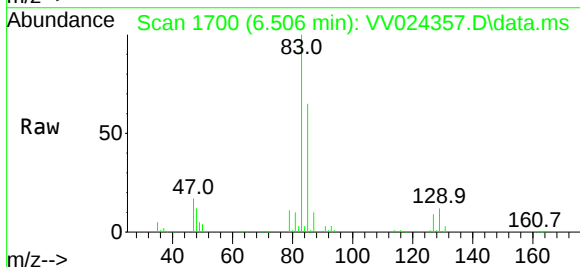
Tgt Ion: 83 Resp: 114561

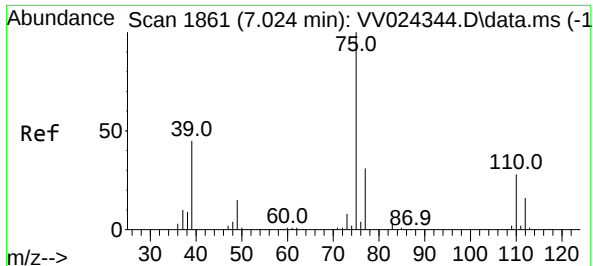
Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0

127 9.3 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 55.073 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

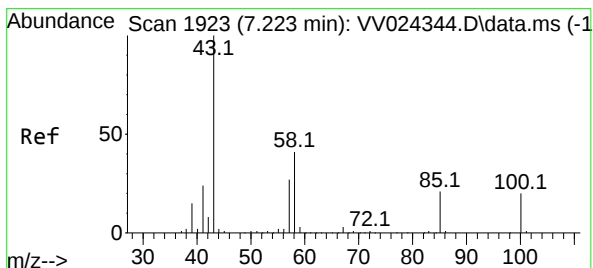
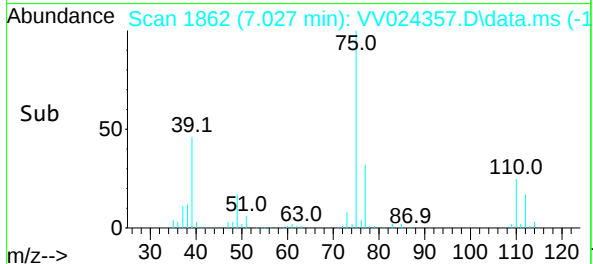
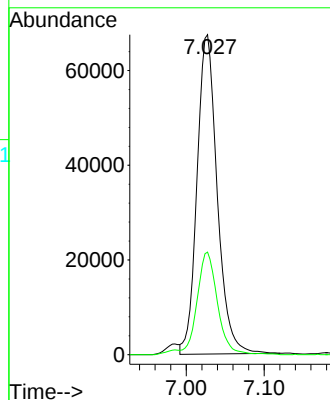
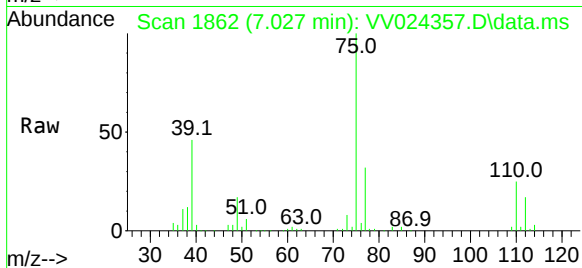
ClientSampleId :

Tgt Ion: 75 Resp: 121487

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 118.791 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

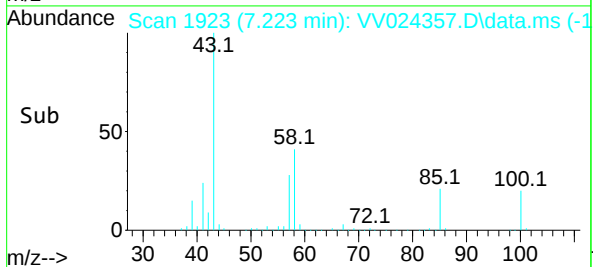
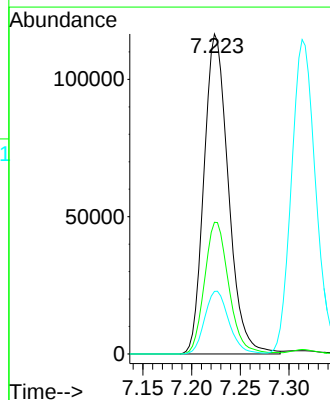
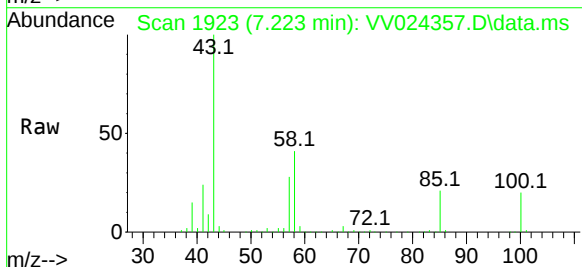
Tgt Ion: 43 Resp: 203273

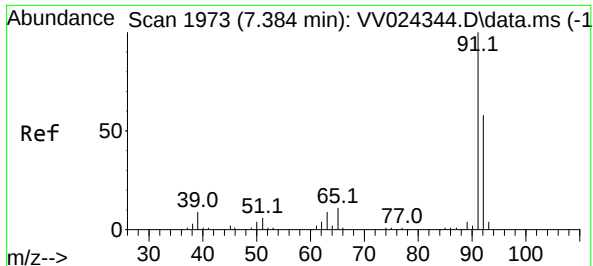
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4

100 19.5 16.0 24.0





#42

Toluene

Concen: 54.696 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

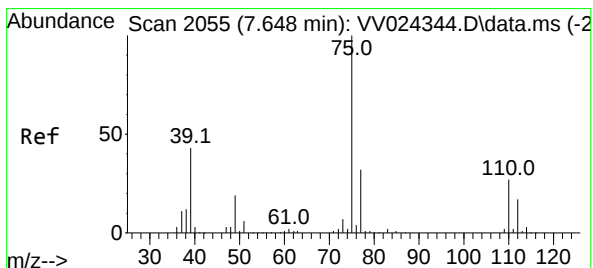
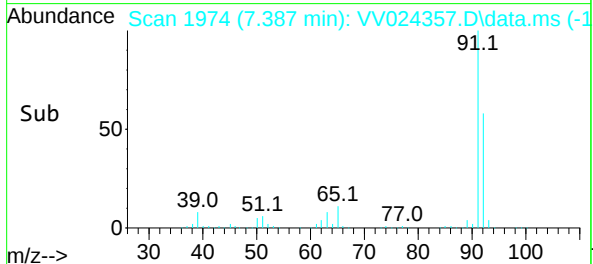
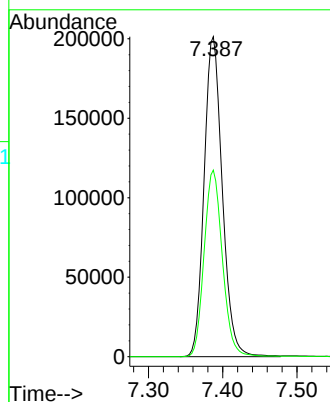
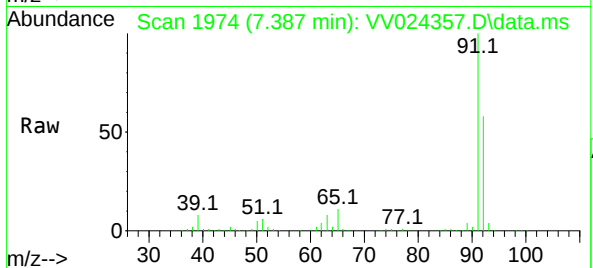
ClientSampleId :

Tgt Ion: 91 Resp: 342549

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 55.688 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024357.D

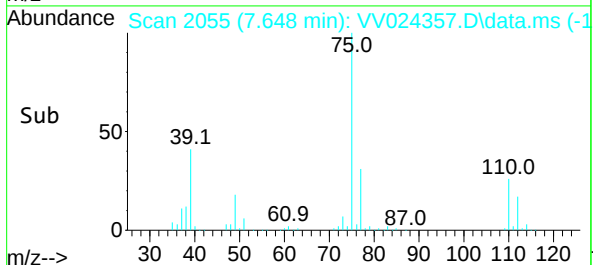
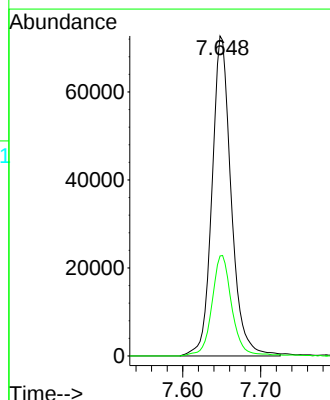
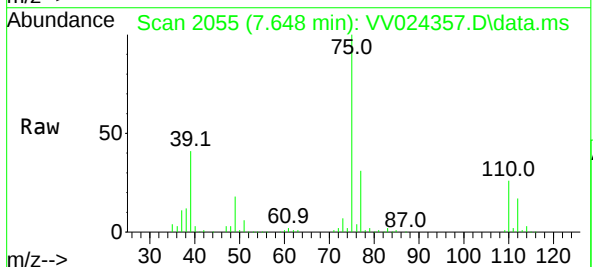
Acq: 13 Jan 2022 18:21

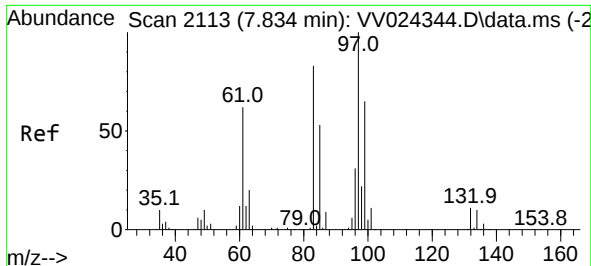
Tgt Ion: 75 Resp: 124611

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 56.389 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 82955

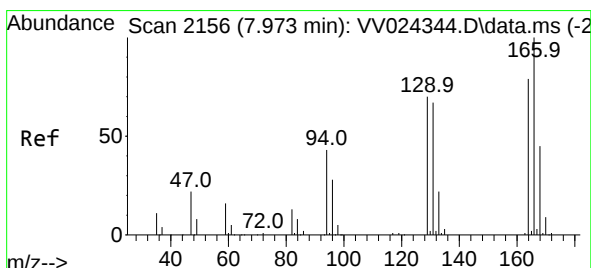
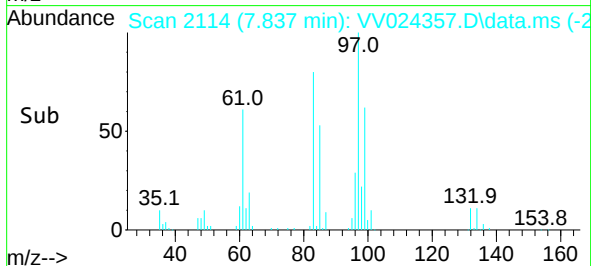
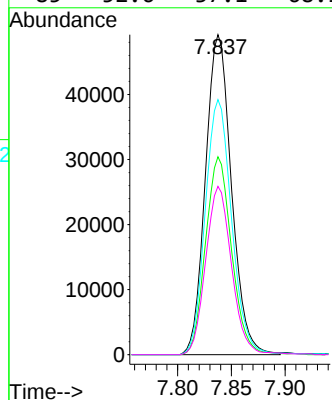
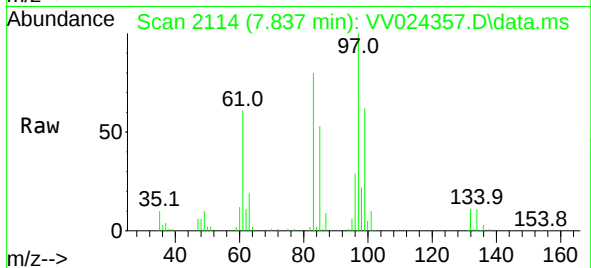
Ion Ratio Lower Upper

97 100

99 61.8 42.4 78.8

83 79.7 57.9 107.5

85 52.6 37.1 68.9



#46

Tetrachloroethene

Concen: 51.527 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Tgt Ion:164 Resp: 72155

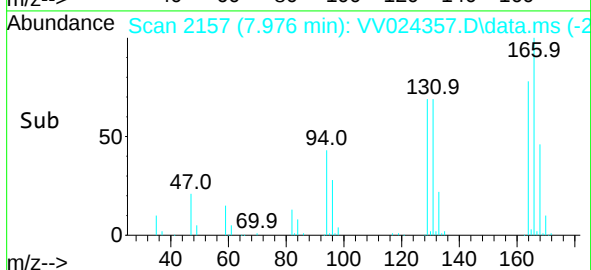
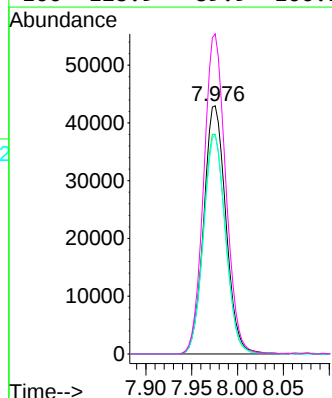
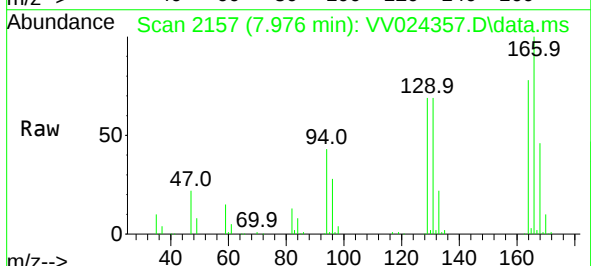
Ion Ratio Lower Upper

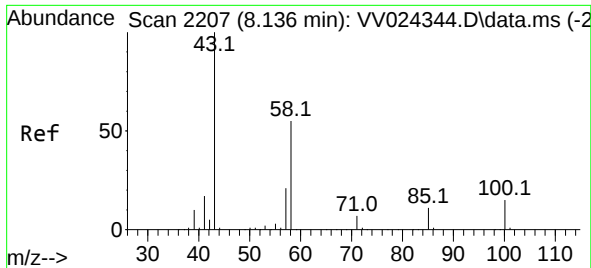
164 100

129 88.5 61.5 114.1

131 88.3 62.2 115.4

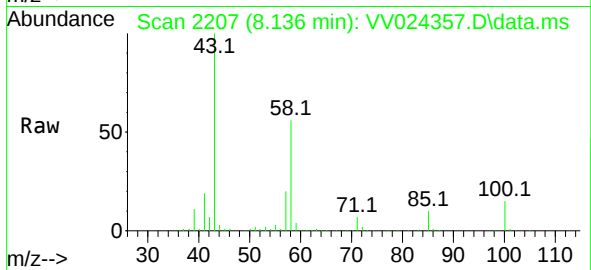
166 128.9 89.9 166.9



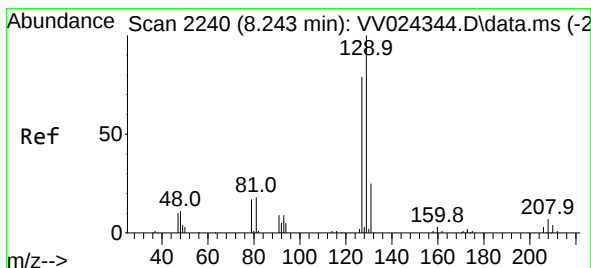
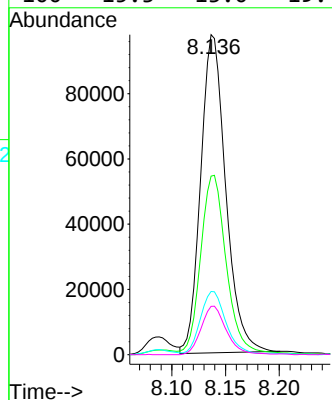
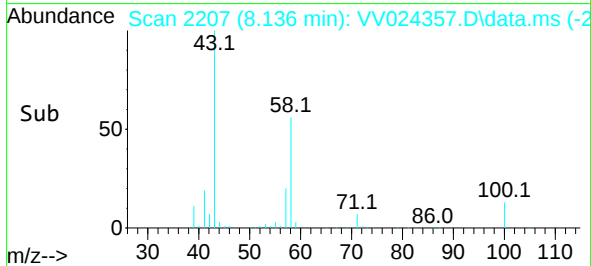


#48
2-Hexanone
Concen: 115.065 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :

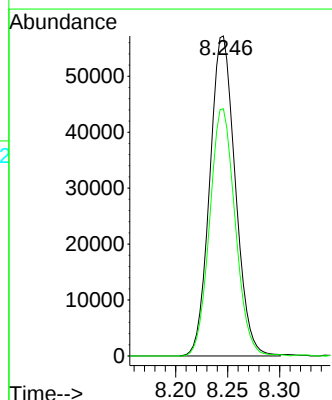
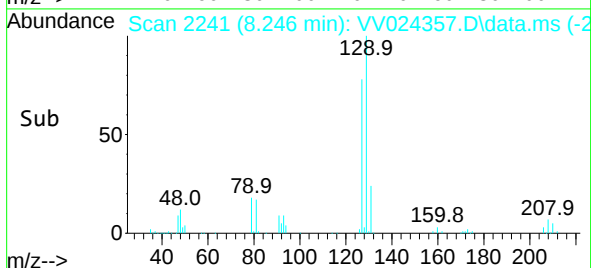
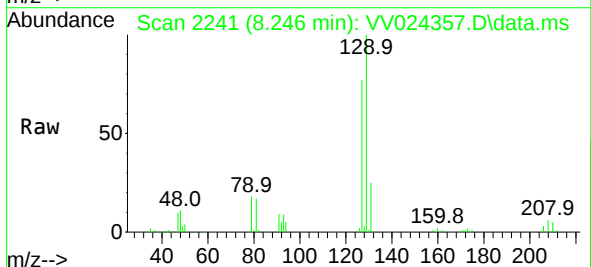


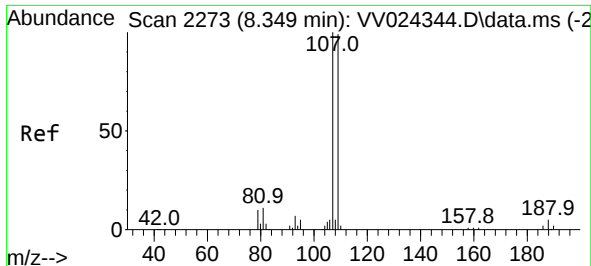
Tgt Ion: 43	Resp: 158147
Ion Ratio	Lower Upper
43 100	
58 57.5	45.0 67.4
57 20.2	16.9 25.3
100 15.3	13.0 19.4



#49
Dibromochloromethane
Concen: 53.038 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

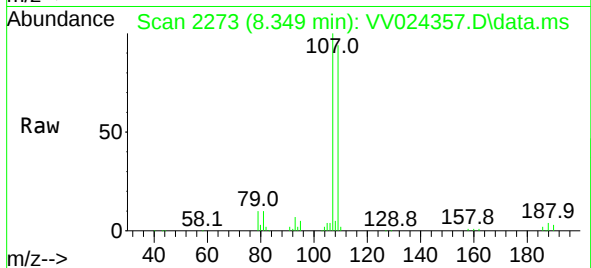
Tgt Ion:129	Resp:	97804	
Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.7	99.7



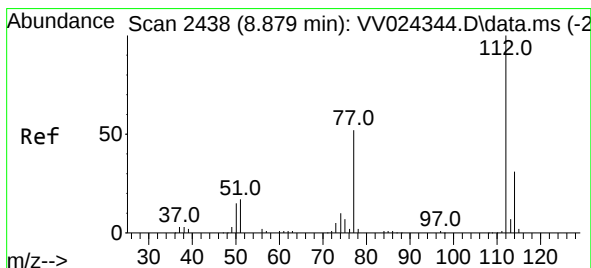
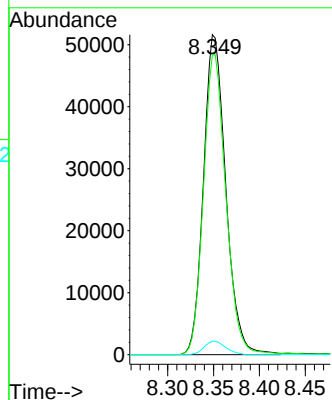
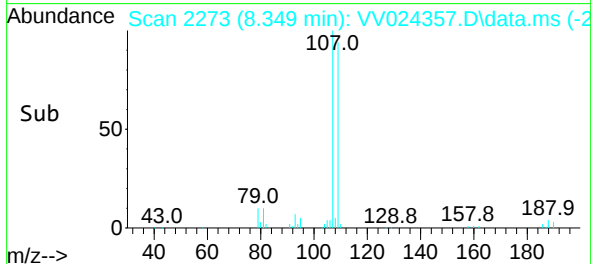


#50
1,2-Dibromoethane
Concen: 55.363 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :

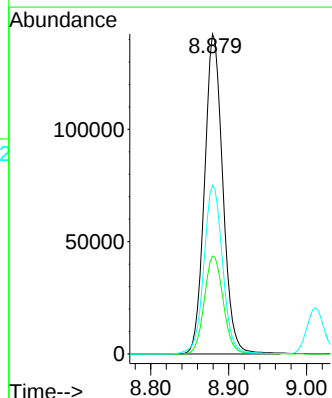
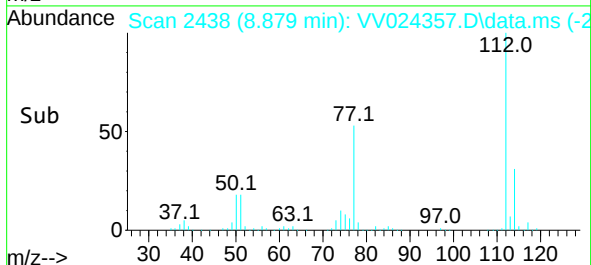
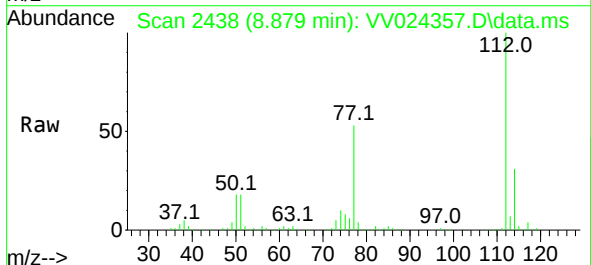


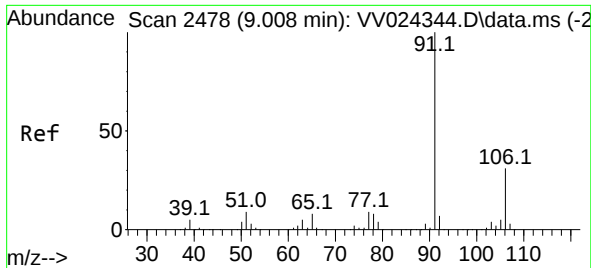
Tgt Ion:107 Resp: 87480
Ion Ratio Lower Upper
107 100
109 93.6 65.8 122.2
188 4.2 3.8 5.6



#51
Chlorobenzene
Concen: 55.045 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:112 Resp: 232192
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 52.7 42.8 64.2

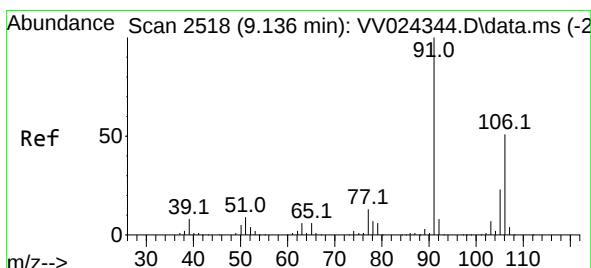
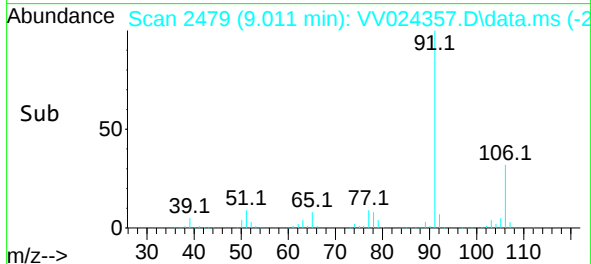
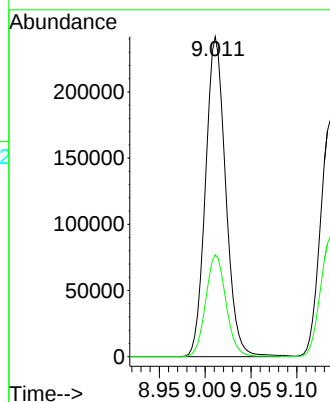
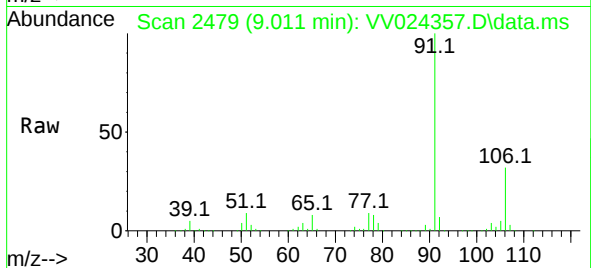




#52
Ethylbenzene
Concen: 55.170 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

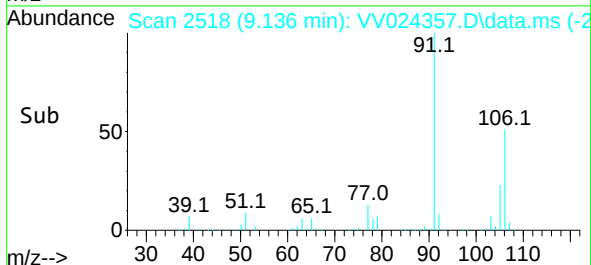
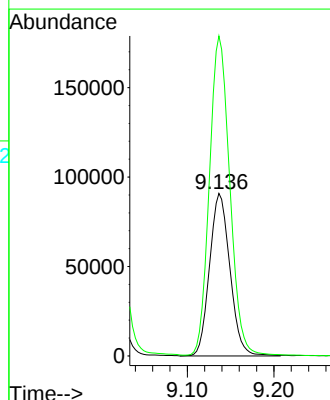
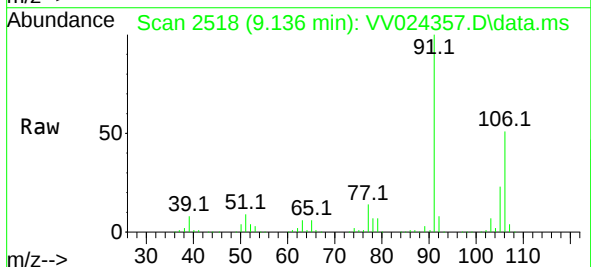
Instrument :
MSVOA_V
ClientSampleId :

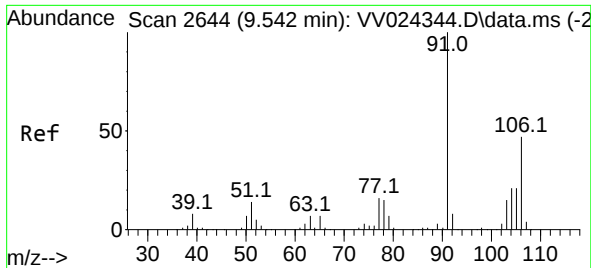
Tgt Ion: 91 Resp: 369118
Ion Ratio Lower Upper
91 100
106 31.9 22.0 41.0



#53
m,p-Xylene
Concen: 55.377 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

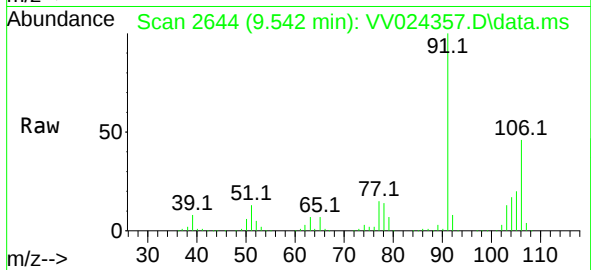
Tgt Ion:106 Resp: 148511
Ion Ratio Lower Upper
106 100
91 196.8 141.8 263.4



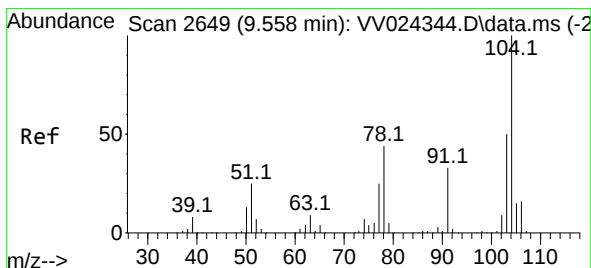
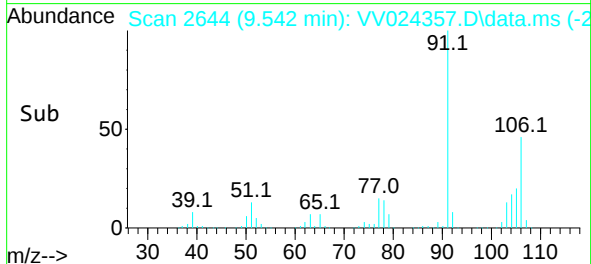
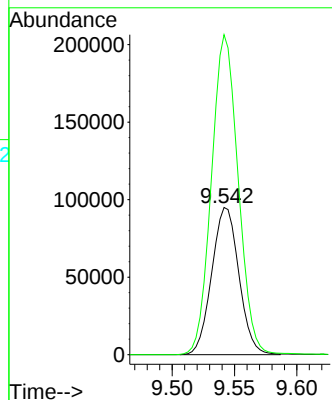


#54
o-Xylene
Concen: 56.282 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :

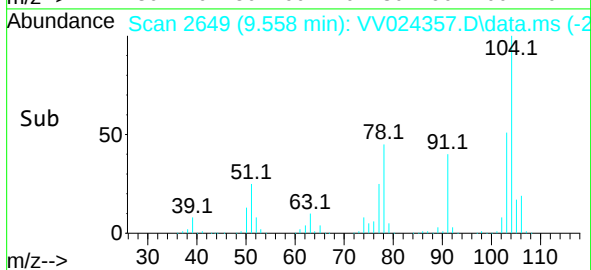
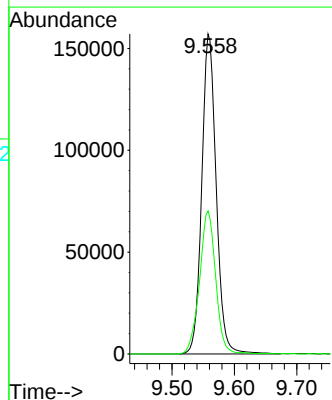
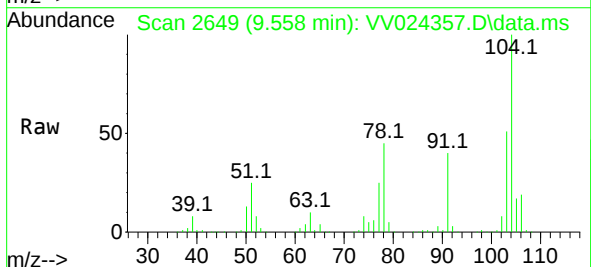


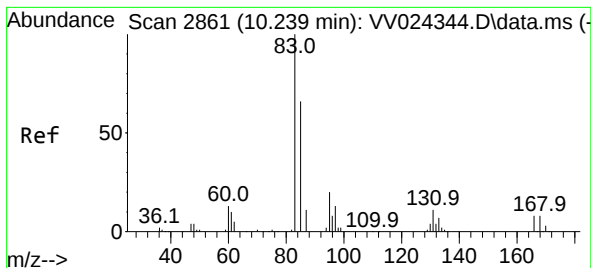
Tgt Ion:106 Resp: 144085
Ion Ratio Lower Upper
106 100
91 217.4 150.9 280.3



#55
Styrene
Concen: 56.940 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:104 Resp: 253139
Ion Ratio Lower Upper
104 100
78 44.7 31.5 58.5

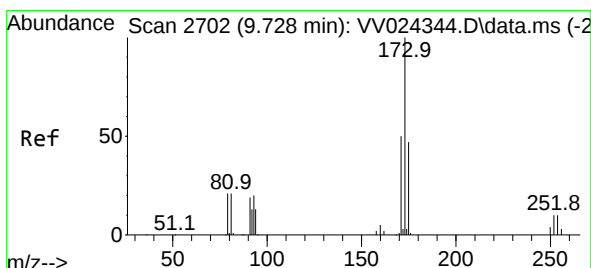
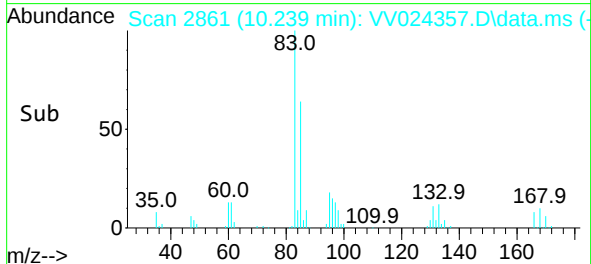
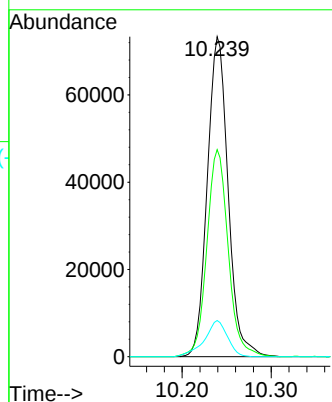
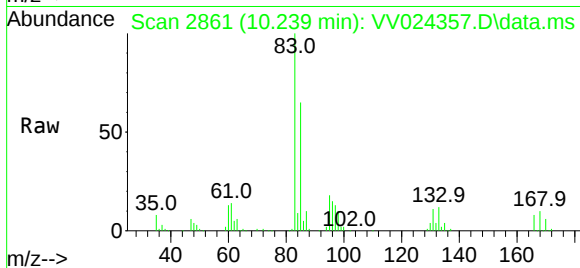




#57
 1,1,2,2-Tetrachloroethane
 Concen: 55.330 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

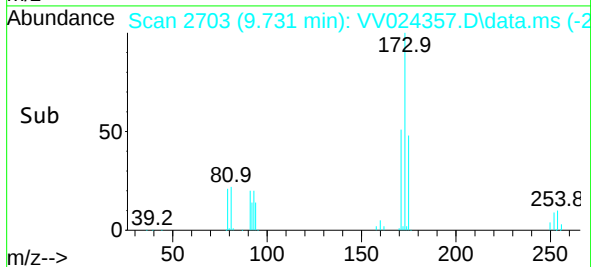
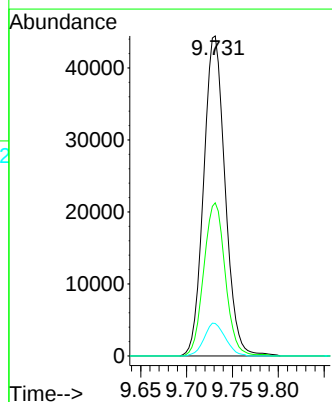
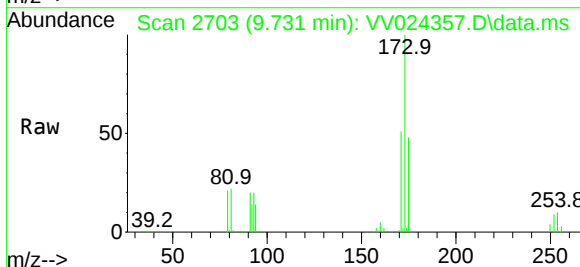
Instrument :
 MSVOA_V
 ClientSampleId :

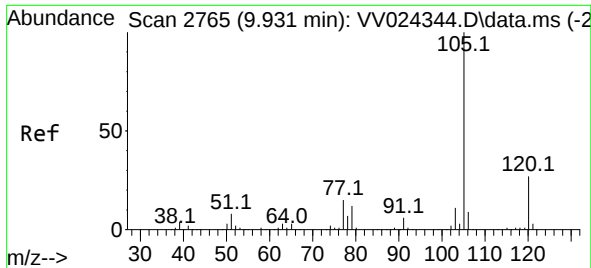
Tgt Ion: 83 Resp: 118856
 Ion Ratio Lower Upper
 83 100
 85 64.7 44.5 82.7
 131 11.3 9.2 13.8



#59
 Bromoform
 Concen: 50.964 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024357.D
 Acq: 13 Jan 2022 18:21

Tgt Ion: 173 Resp: 72424
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.4 59.2
 254 10.2 7.8 11.6

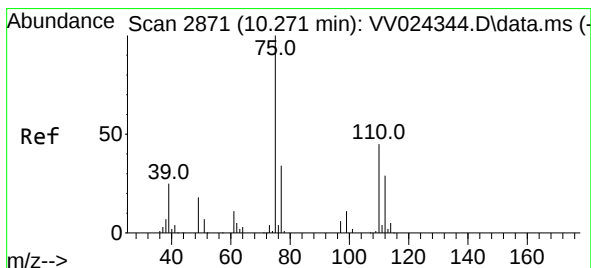
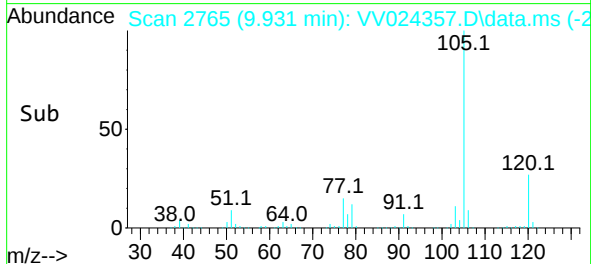
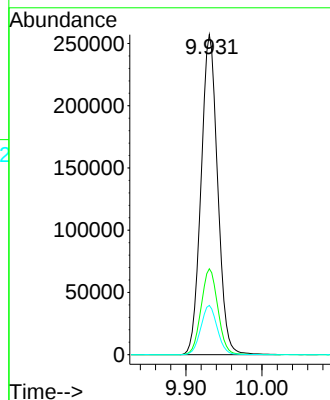
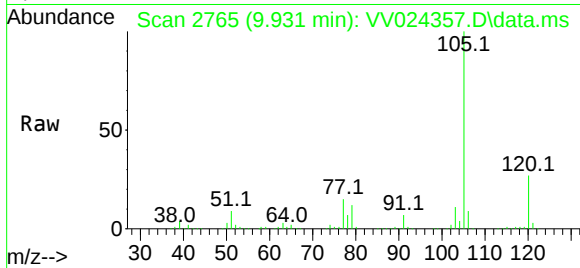




#60
Isopropylbenzene
Concen: 56.387 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

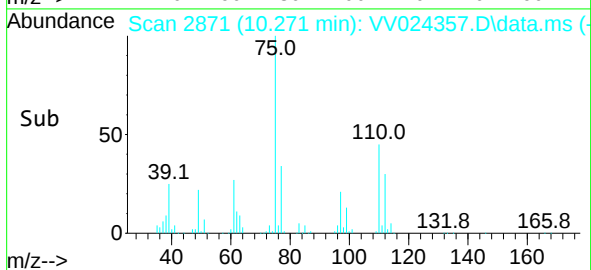
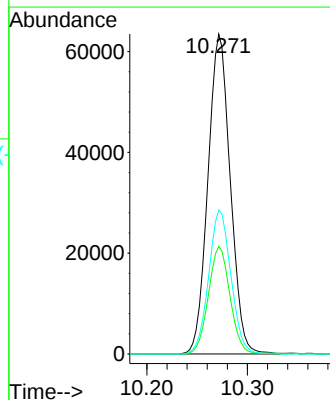
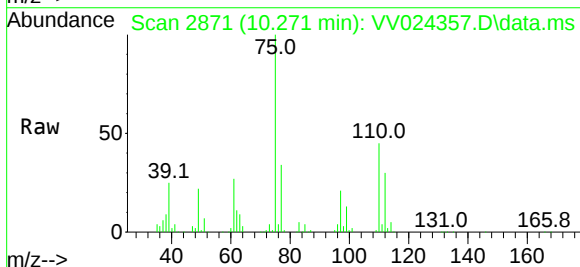
Instrument :
MSVOA_V
ClientSampleId :

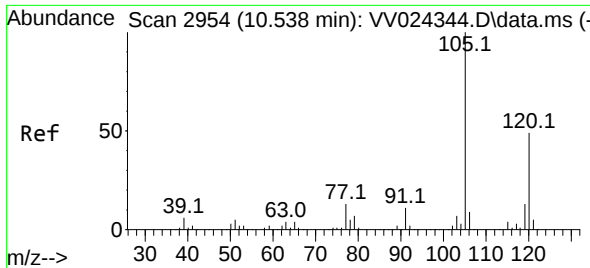
Tgt Ion:105 Resp: 388857
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 53.601 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion: 75 Resp: 98089
Ion Ratio Lower Upper
75 100
77 32.4 26.9 40.3
110 44.7 37.1 55.7

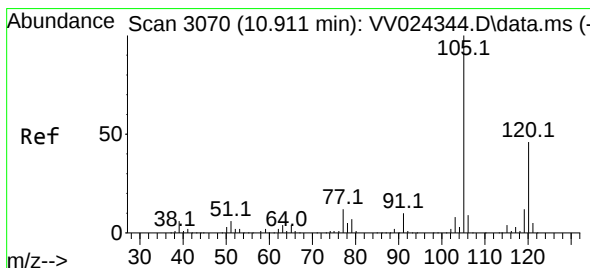
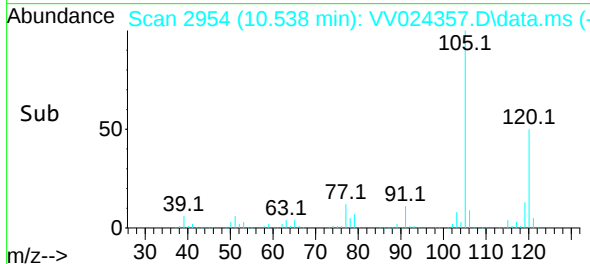
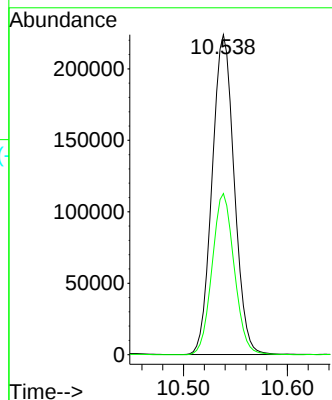
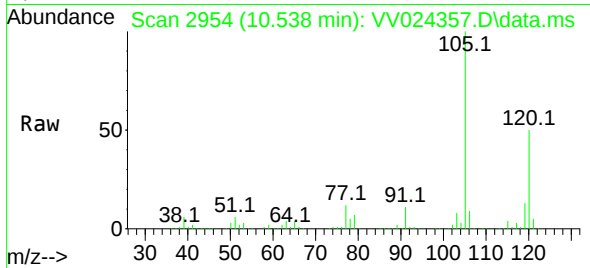




#62
1,3,5-Trimethylbenzene
Concen: 55.787 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

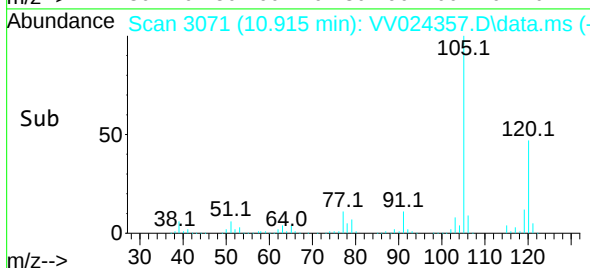
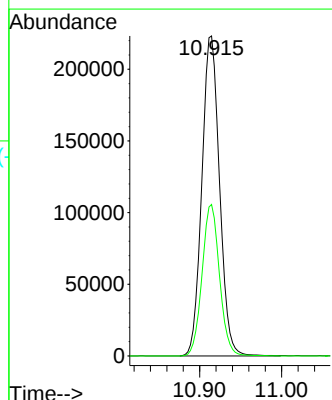
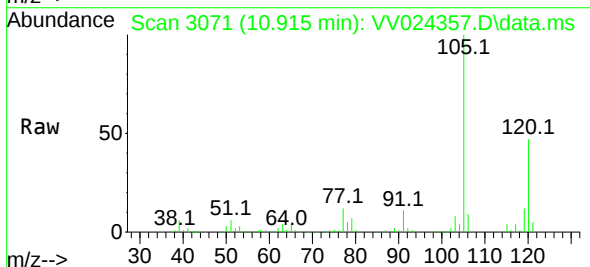
Instrument :
MSVOA_V
ClientSampleId :

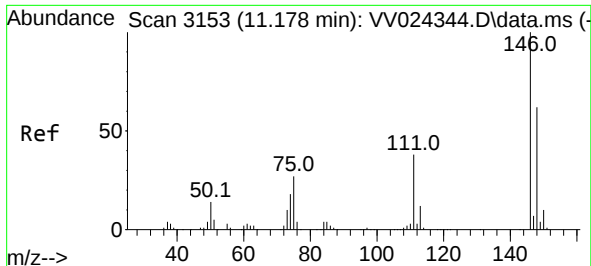
Tgt Ion:105 Resp: 330929
Ion Ratio Lower Upper
105 100
120 50.5 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 56.582 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:105 Resp: 335089
Ion Ratio Lower Upper
105 100
120 46.7 36.6 55.0

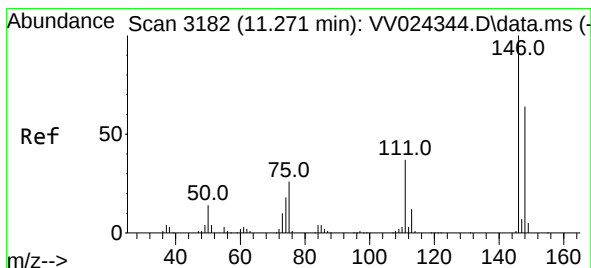
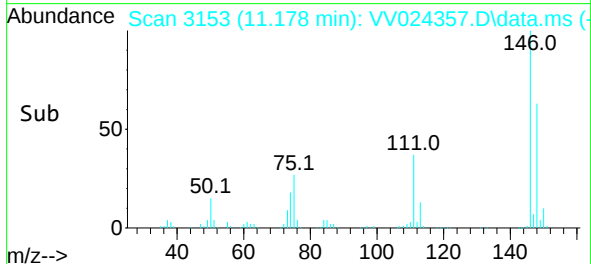
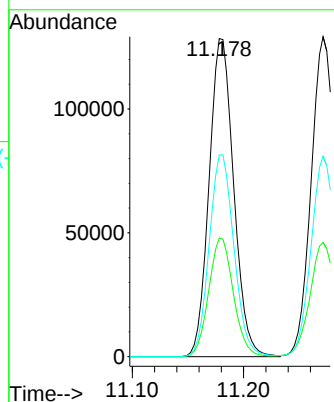
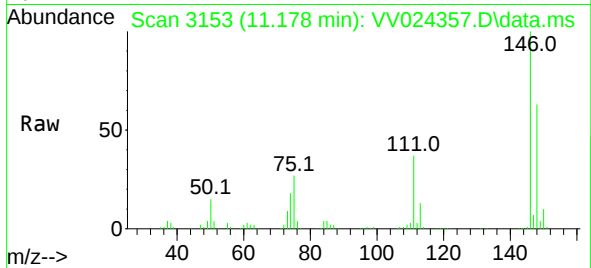




#64
1,3-Dichlorobenzene
Concen: 55.414 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

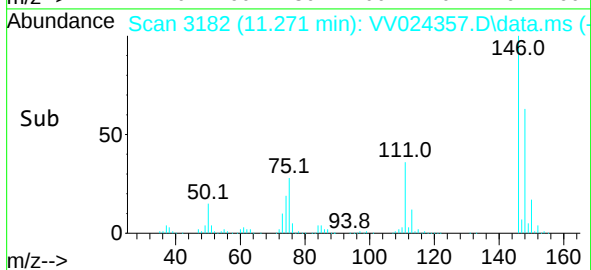
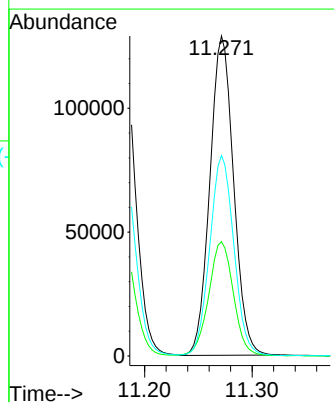
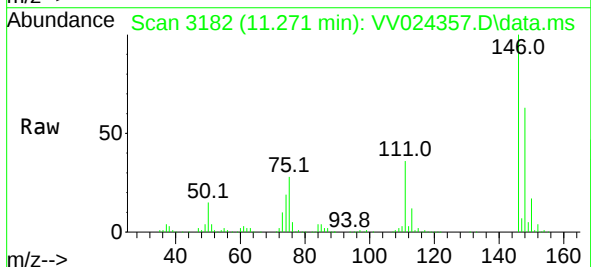
Instrument :
MSVOA_V
ClientSampleId :

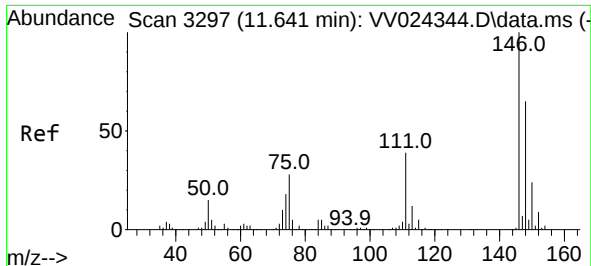
Tgt Ion:146 Resp: 197036
Ion Ratio Lower Upper
146 100
111 37.3 26.5 49.3
148 63.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 53.958 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:146 Resp: 197860
Ion Ratio Lower Upper
146 100
111 35.7 26.5 49.3
148 62.6 44.9 83.5

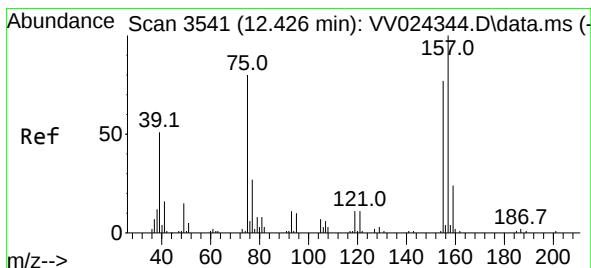
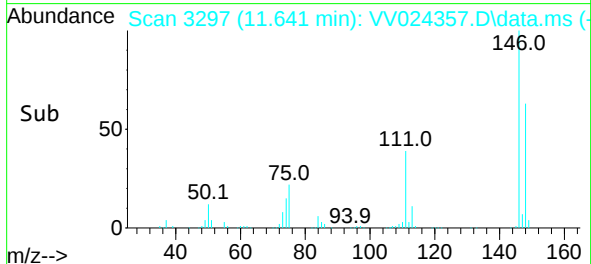
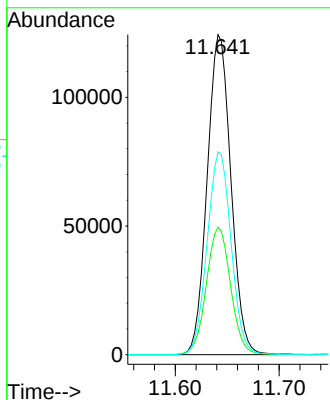
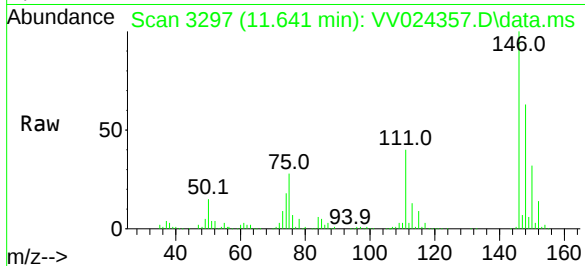




#67
1,2-Dichlorobenzene
Concen: 53.910 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

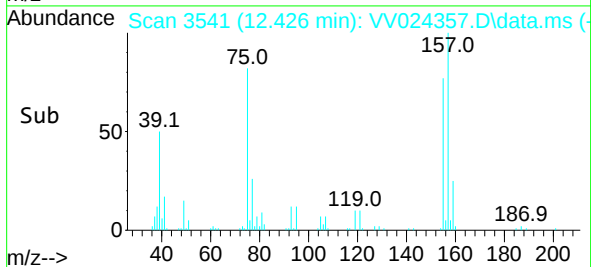
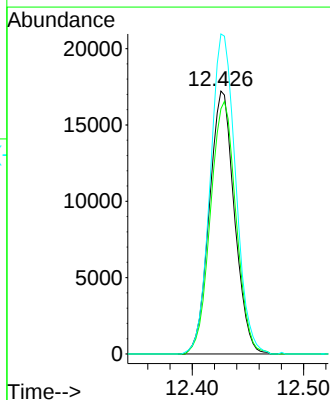
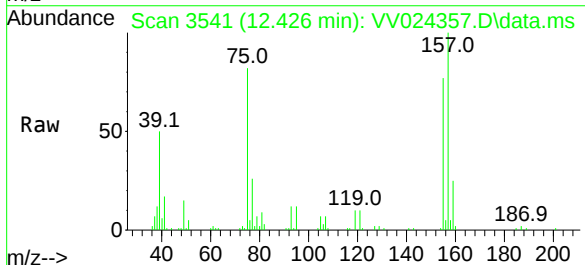
Instrument :
MSVOA_V
ClientSampleId :

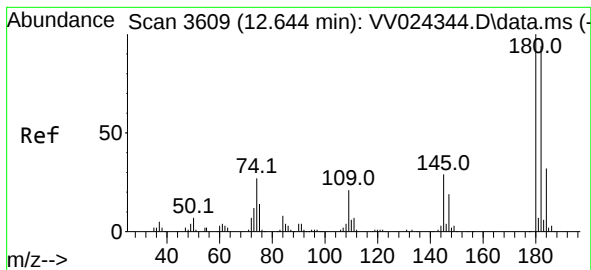
Tgt Ion:146 Resp: 197559
Ion Ratio Lower Upper
146 100
111 39.9 32.0 48.0
148 63.4 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 51.072 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion: 75 Resp: 26918
Ion Ratio Lower Upper
75 100
155 93.2 73.2 109.8
157 121.7 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 54.191 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

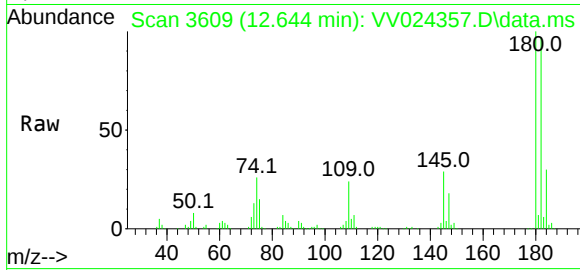
Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 148214

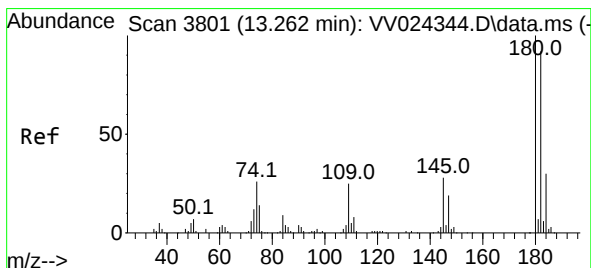
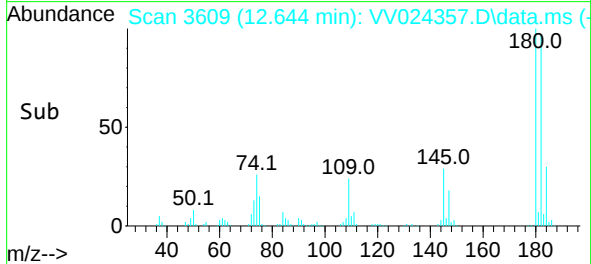
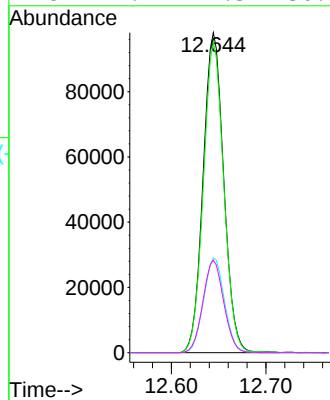
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

184 30.1 24.7 37.1

145 29.2 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 55.176 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV024357.D

Acq: 13 Jan 2022 18:21

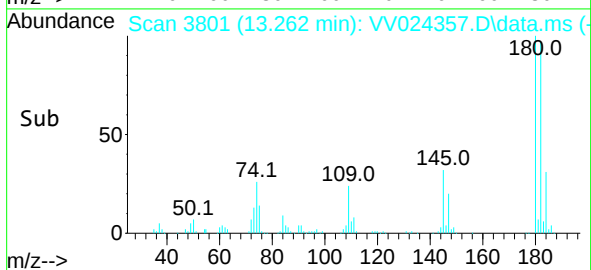
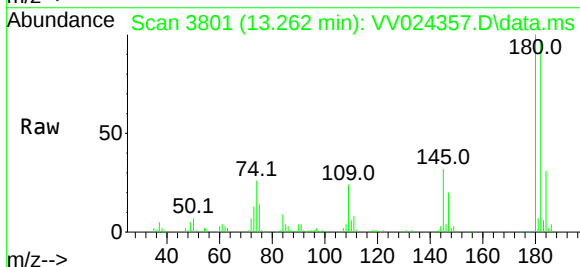
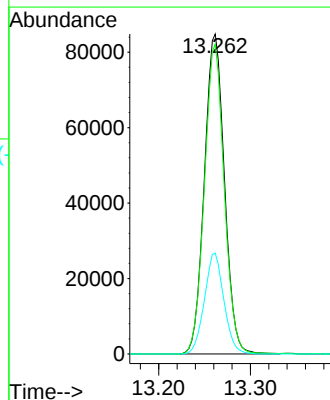
Tgt Ion:180 Resp: 129060

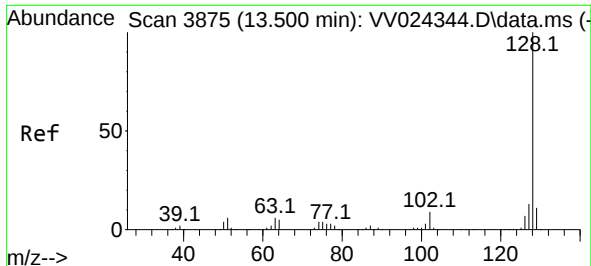
Ion Ratio Lower Upper

180 100

182 95.4 75.6 113.4

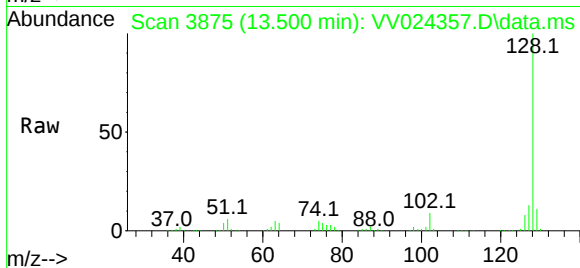
145 30.5 23.9 35.9



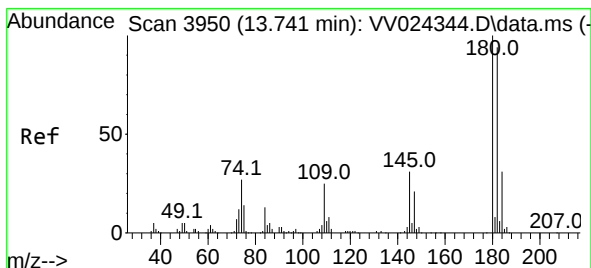
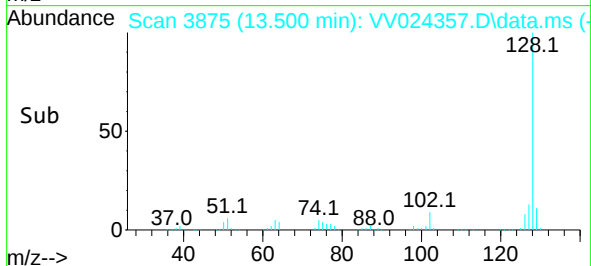
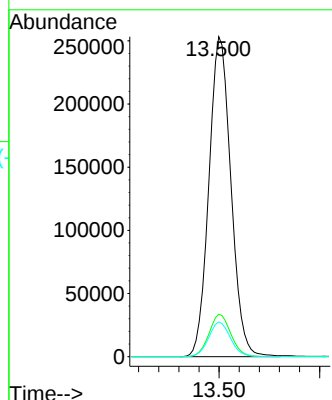


#71
Naphthalene
Concen: 56.941 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	385341
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.982 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024357.D
Acq: 13 Jan 2022 18:21

Tgt Ion:	180	Resp:	132917
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.1	114.1
145	31.5	25.0	37.4

