

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023775.D
 Acq On : 02 Dec 2021 15:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 02:00:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	289991	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	278179	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	159248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75229	22.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
7) Chloroethane-d5	1.565	69	60949	21.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	2.105	63	159244	22.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.240%
21) 2-Butanone-d5	4.143	46	106	0.108	ug/L	0.25
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.220%#
24) Chloroform-d	4.343	84	165399	21.844	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	5.027	65	85911	20.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	5.044	84	305841	21.835	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	6.063	67	86842	21.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.640%
41) Toluene-d8	7.310	98	293252	22.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	7.619	79	40198	21.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.040%
47) 2-Hexanone-d5	8.088	63	33630	45.813	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75519	21.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	121996	21.581	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142571	25.495	ug/L	99
3) Chloromethane	1.240	50	122794	24.698	ug/L	98
5) Vinyl chloride	1.307	62	124849	26.270	ug/L	98
6) Bromomethane	1.520	94	81259	25.320	ug/L	98
8) Chloroethane	1.581	64	73345	25.134	ug/L	97
9) Trichlorofluoromethane	1.751	101	207375	27.390	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	107523	27.411	ug/L	99
12) 1,1-Dichloroethene	2.114	96	97072	26.495	ug/L	87
14) Carbon disulfide	2.288	76	350784	26.590	ug/L	100
15) Methyl Acetate	2.433	43	38008	23.037	ug/L	92
16) Methylene chloride	2.500	84	124175	22.183	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	114450	25.987	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	245143	24.700	ug/L	100
19) 1,1-Dichloroethane	3.182	63	182884	25.398	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	117099	26.024	ug/L	95
22) 2-Butanone	3.979	43	43679	37.529	ug/L #	79
23) Bromochloromethane	4.240	128	57373	25.208	ug/L	96
25) Chloroform	4.368	83	199779	25.177	ug/L	97
27) 1,2-Dichloroethane	5.124	62	130177	25.227	ug/L	100

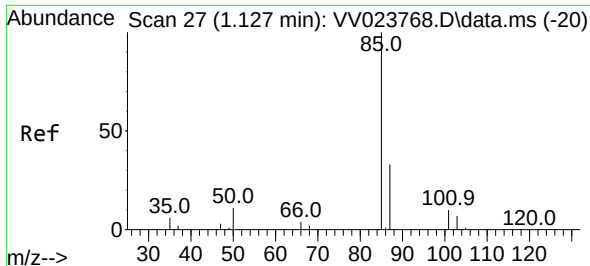
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023775.D
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Quant Time: Dec 03 02:00:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 01:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.671	56	174199	28.442	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	193464	27.565	ug/L	99
31) Carbon tetrachloride	4.822	117	182150	28.670	ug/L	100
33) Benzene	5.092	78	432470	26.579	ug/L	100
34) Trichloroethene	5.905	95	119920	26.824	ug/L	98
35) Methylcyclohexane	6.127	83	205478	29.273	ug/L	99
37) 1,2-Dichloropropane	6.169	63	98072	25.954	ug/L	100
38) Bromodichloromethane	6.503	83	140882	25.586	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	162161	26.985	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	119175	51.341	ug/L	96
42) Toluene	7.384	91	482130	27.081	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	146362	26.534	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	82368	25.022	ug/L	97
46) Tetrachloroethene	7.973	164	106810	26.879	ug/L	98
48) 2-Hexanone	8.137	43	86433	51.211	ug/L	97
49) Dibromochloromethane	8.243	129	108010	25.451	ug/L	97
50) 1,2-Dibromoethane	8.349	107	80603	25.011	ug/L	98
51) Chlorobenzene	8.876	112	312055	25.589	ug/L	99
52) Ethylbenzene	9.008	91	532473	27.730	ug/L	100
53) m,p-Xylene	9.133	106	209288	27.573	ug/L	98
54) o-Xylene	9.539	106	196206	27.131	ug/L	98
55) Styrene	9.558	104	345335	27.633	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	89120	24.175	ug/L	99
59) Bromoform	9.728	173	66044	25.306	ug/L #	100
60) Isopropylbenzene	9.928	105	547603	28.179	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	69165	24.632	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	469958	27.732	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	470093	27.988	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	268917	26.072	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	272138	25.809	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	244722	25.880	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	16633	24.402	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	219244	26.913	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	177328	26.767	ug/L	99
71) Naphthalene	13.500	128	326117	27.734	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	163752	27.388	ug/L	99

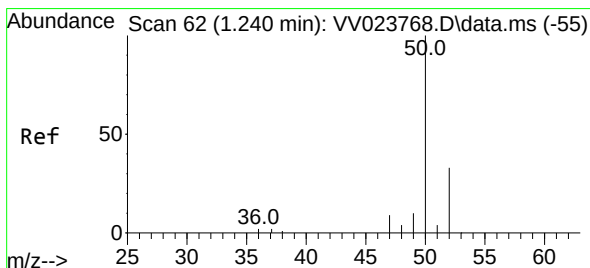
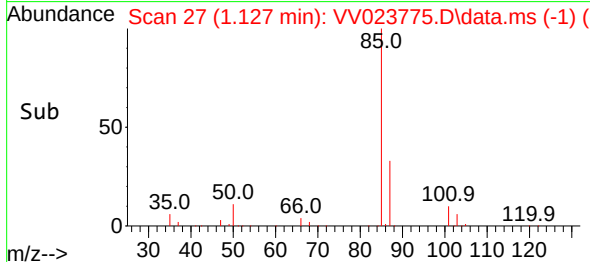
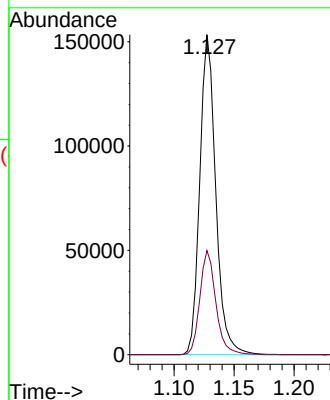
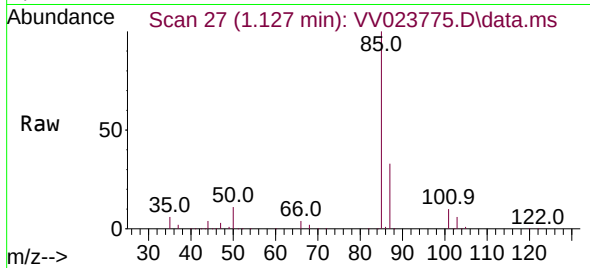
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 25.495 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

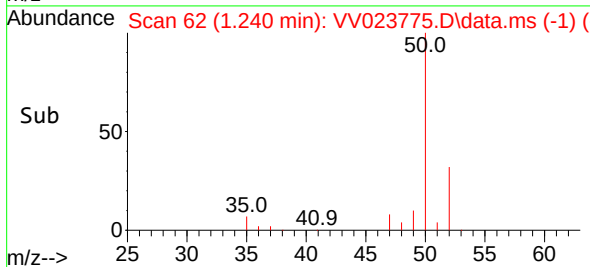
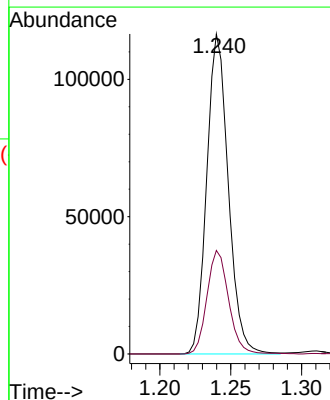
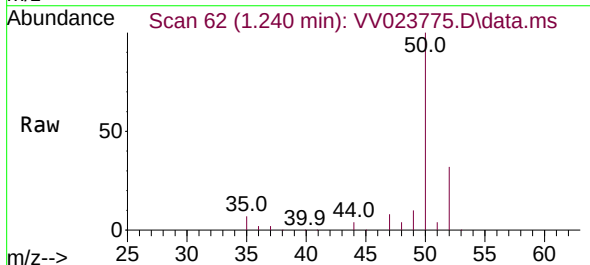
Instrument :
 MSVOA_V
 ClientSampleId :

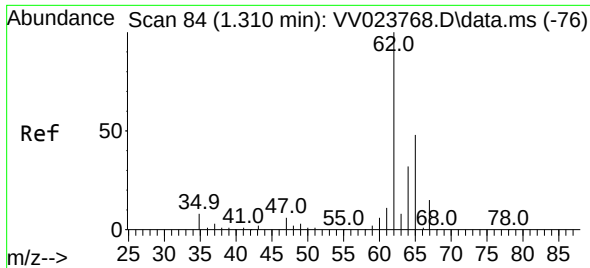
Tgt Ion: 85 Resp: 142571
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.6 40.0



#3
 Chloromethane
 Concen: 24.698 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

Tgt Ion: 50 Resp: 122794
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.3 43.3

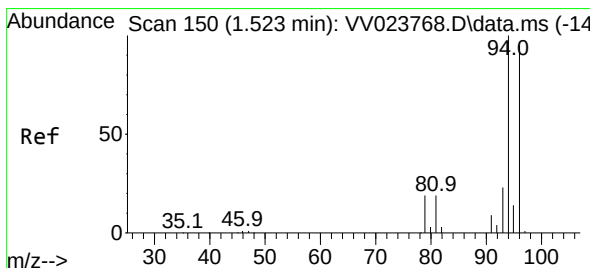
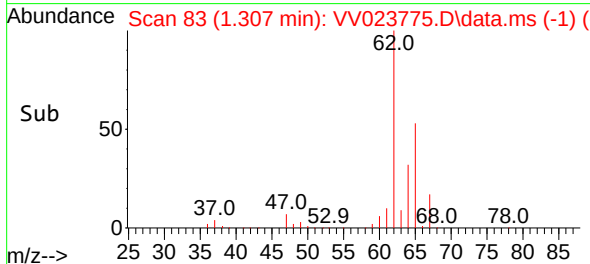
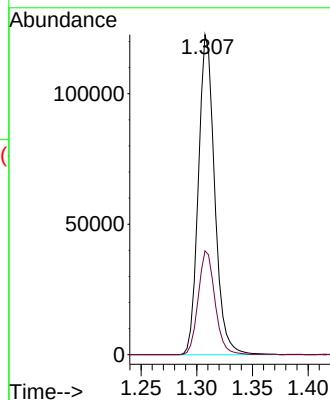
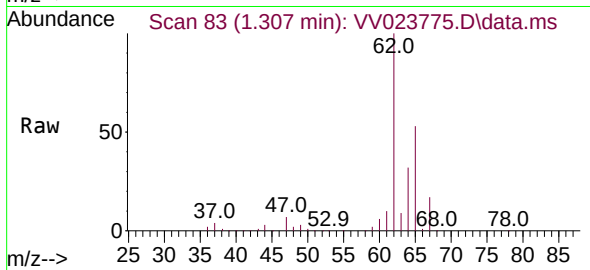




#5
 Vinyl chloride
 Concen: 26.270 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

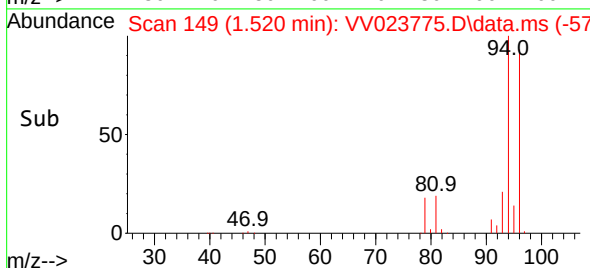
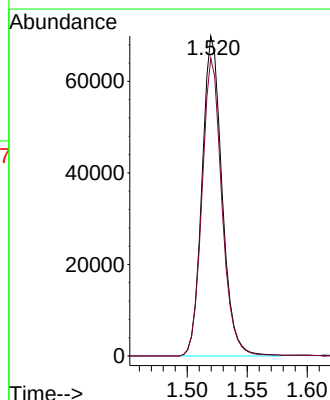
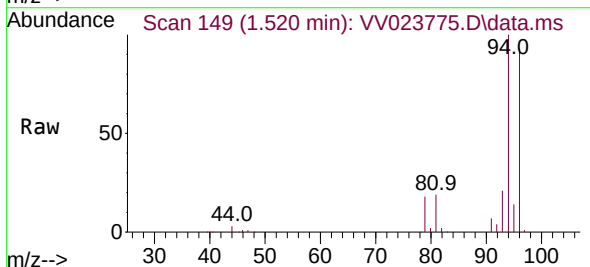
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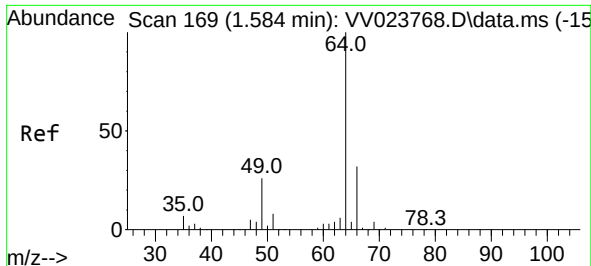
Tgt Ion: 62 Resp: 124849
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.5 43.7



#6
 Bromomethane
 Concen: 25.320 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

Tgt Ion: 94 Resp: 81259
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.1 119.1

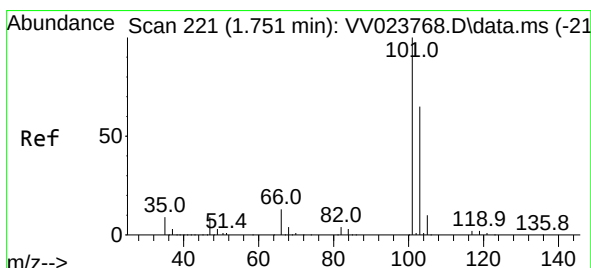
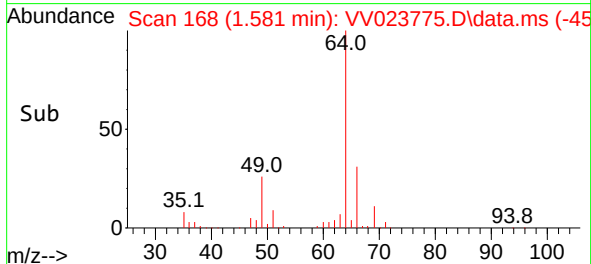
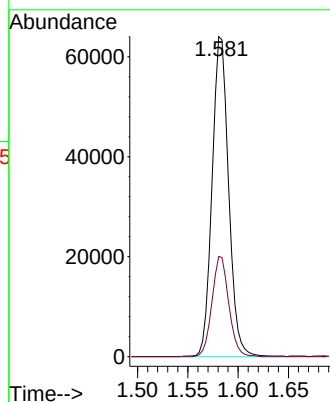
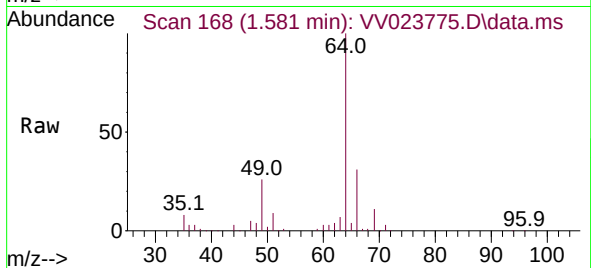




#8
Chloroethane
Concen: 25.134 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

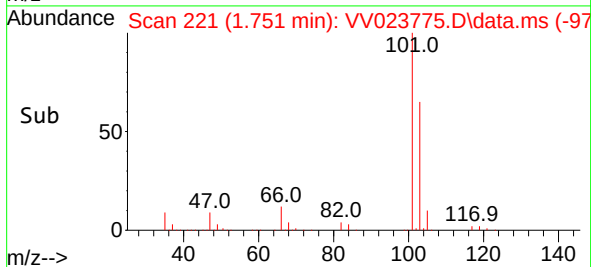
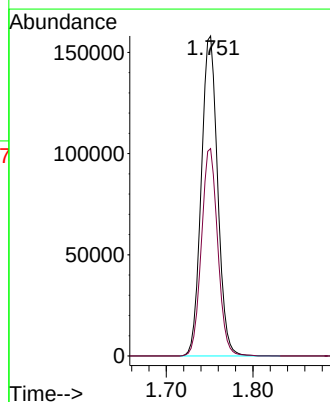
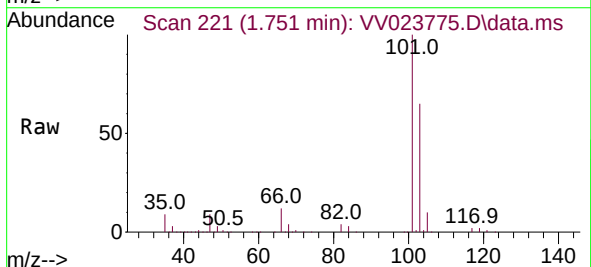
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MSVOA_V
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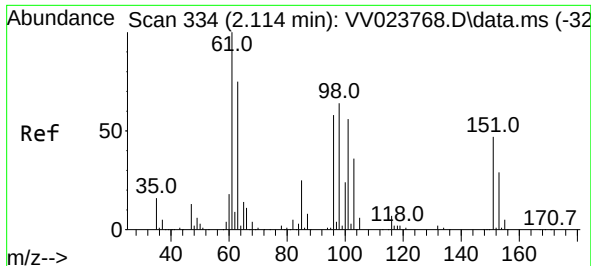
Tgt Ion: 64 Resp: 73345
Ion Ratio Lower Upper
64 100
66 31.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 27.390 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion:101 Resp: 207375
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

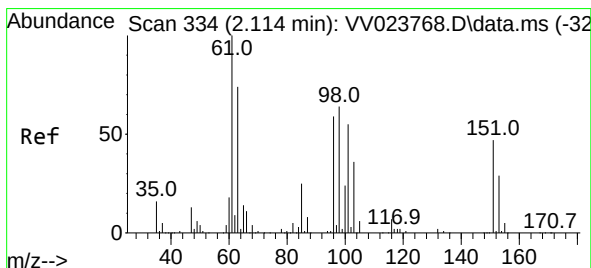
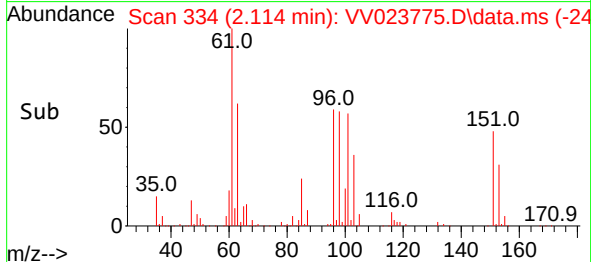
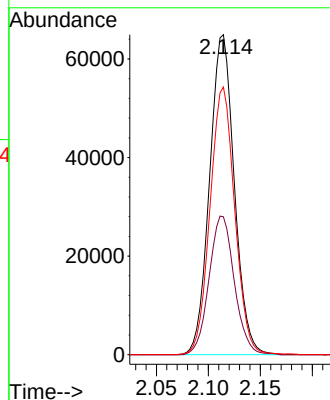
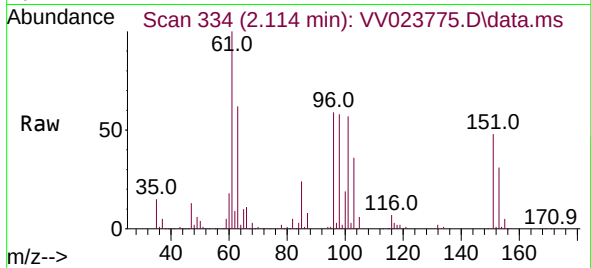




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.411 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

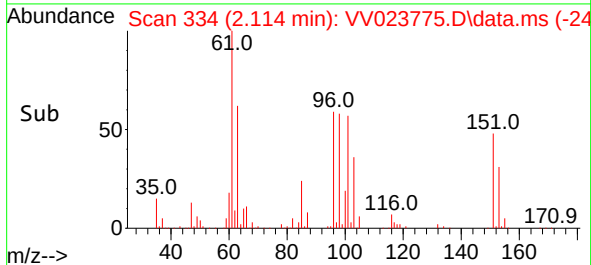
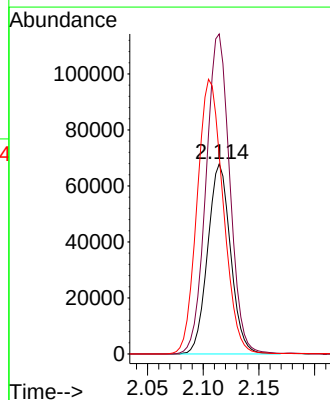
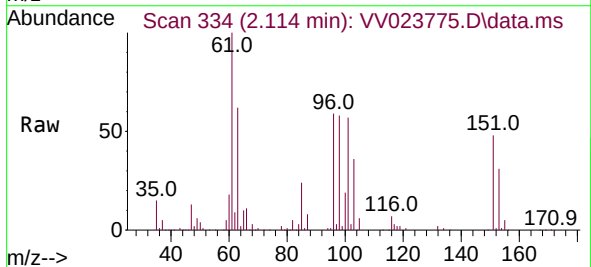
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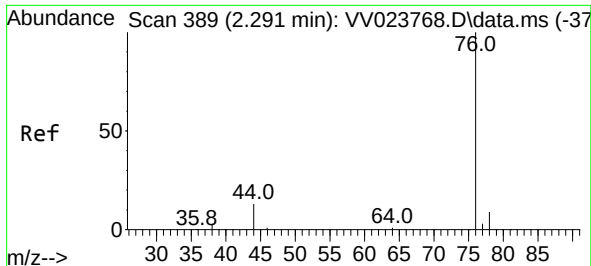
Tgt Ion:101 Resp: 107523
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.1 52.7
 151 83.5 65.6 98.4



#12
 1,1-Dichloroethene
 Concen: 26.495 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

Tgt Ion: 96 Resp: 97072
 Ion Ratio Lower Upper
 96 100
 61 168.3 119.4 221.8
 63 104.2 95.4 177.2

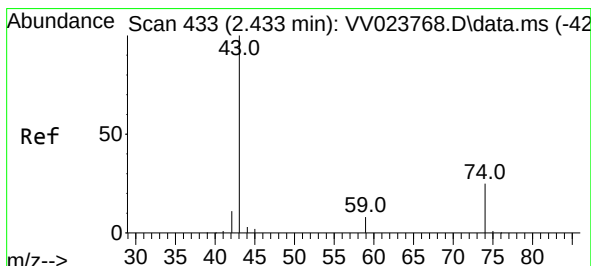
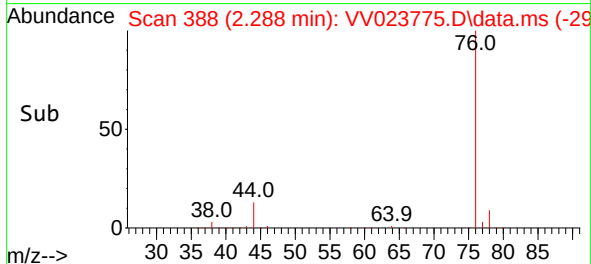
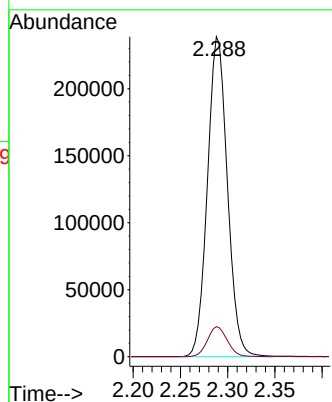
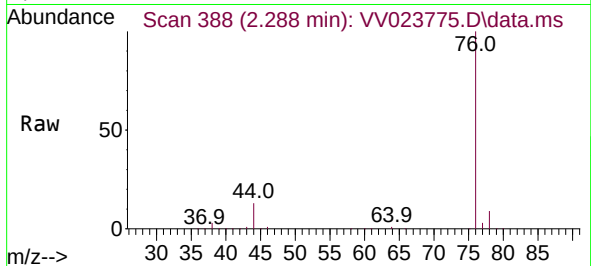




#14
Carbon disulfide
Concen: 26.590 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

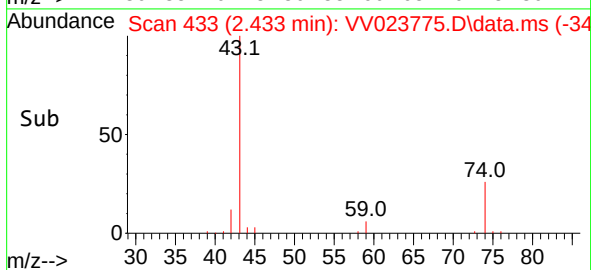
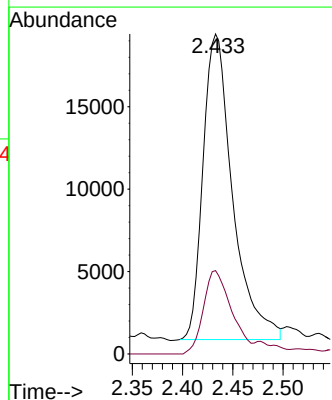
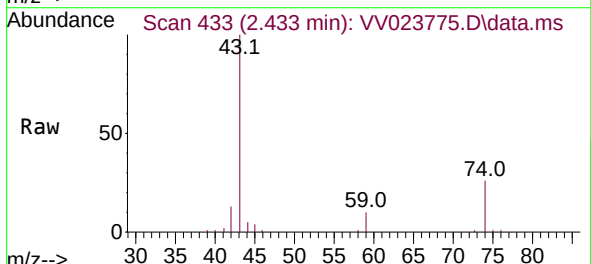
Instrument :
MSVOA_V
ClientSampleId :

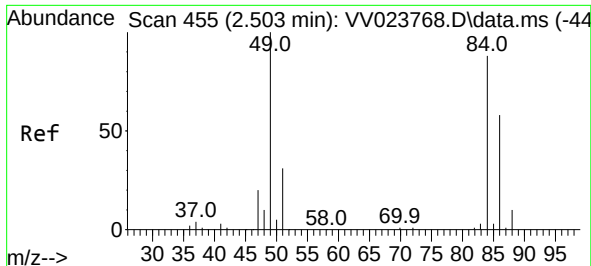
Tgt Ion: 76 Resp: 350784
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#15
Methyl Acetate
Concen: 23.037 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 43 Resp: 38008
Ion Ratio Lower Upper
43 100
74 25.7 17.6 26.4

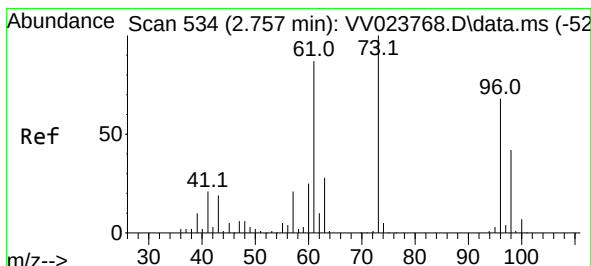
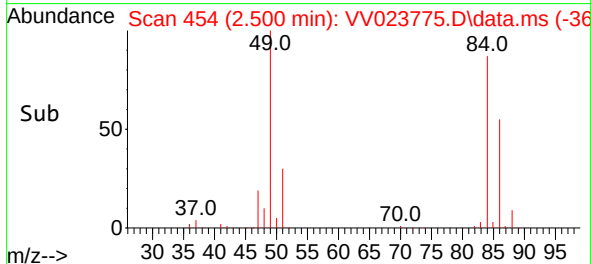
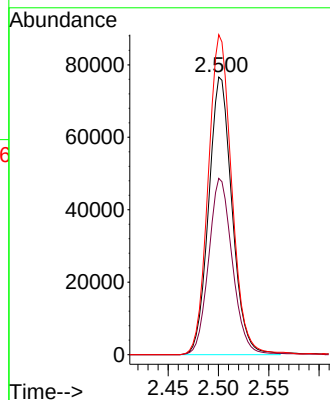
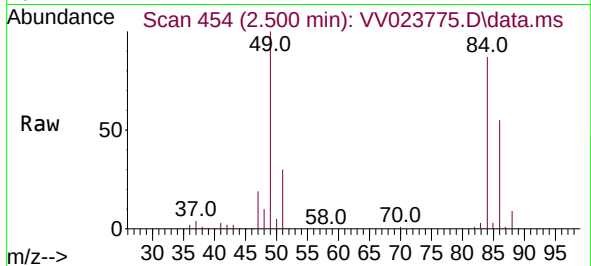




#16
Methylene chloride
Concen: 22.183 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

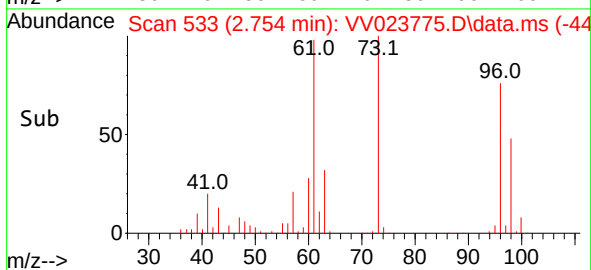
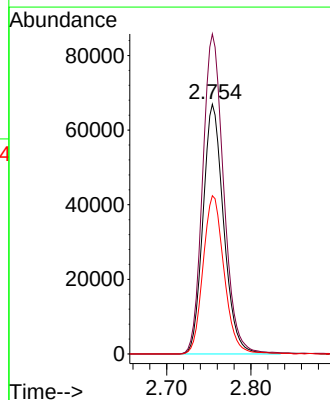
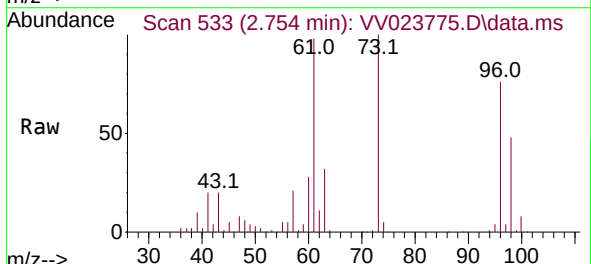
Instrument :
MSVOA_V
ClientSampleId :

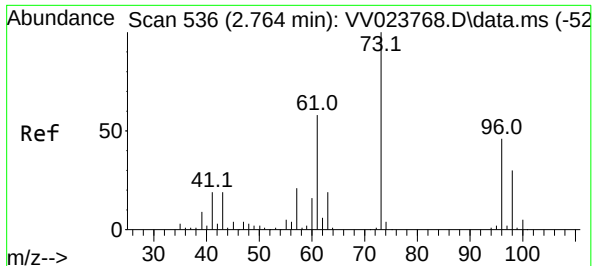
Tgt Ion: 84 Resp: 124175
Ion Ratio Lower Upper
84 100
86 63.5 45.3 84.1
49 115.3 81.8 152.0



#17
trans-1,2-Dichloroethene
Concen: 25.987 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

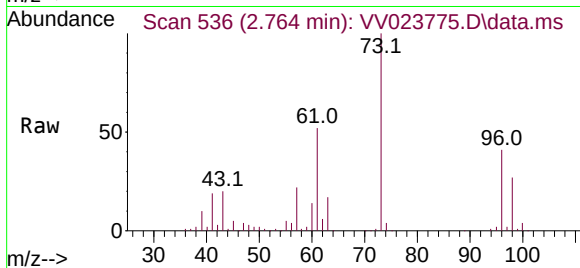
Tgt Ion: 96 Resp: 114450
Ion Ratio Lower Upper
96 100
61 128.1 91.0 169.0
98 63.4 45.9 85.3



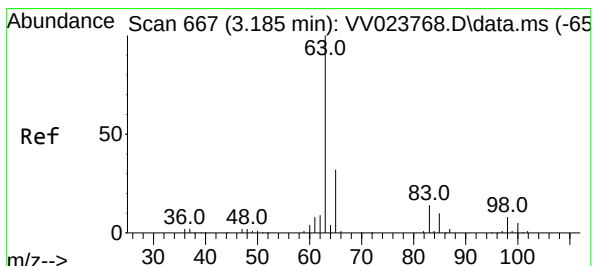
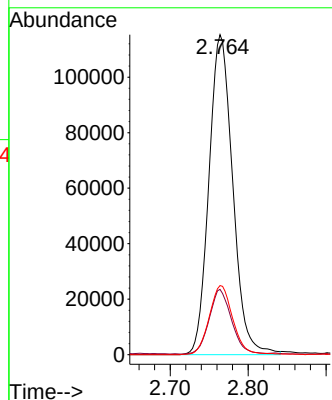
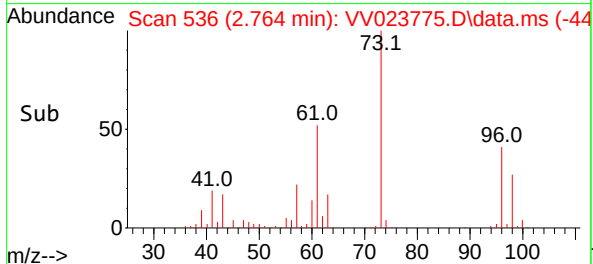


#18
Methyl tert-butyl Ether
Concen: 24.700 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

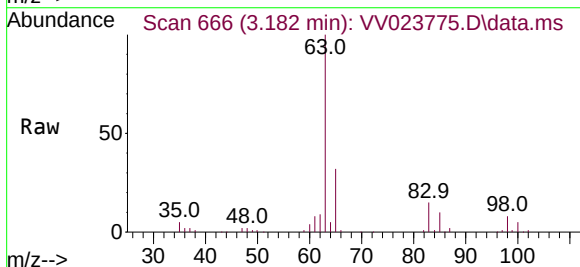
Instrument :
MSVOA_V
ClientSampleId :



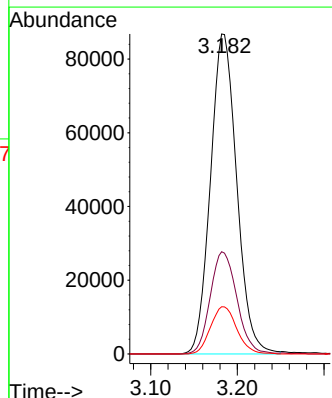
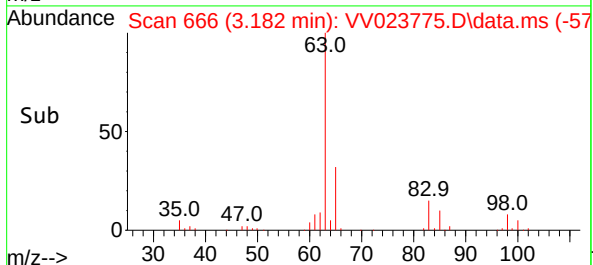
Tgt Ion: 73 Resp: 245143
Ion Ratio Lower Upper
73 100
43 19.0 15.0 22.4
57 21.3 17.0 25.4

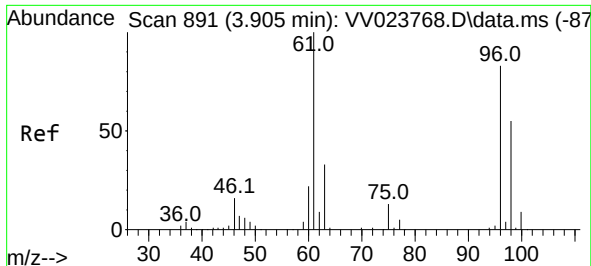


#19
1,1-Dichloroethane
Concen: 25.398 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31



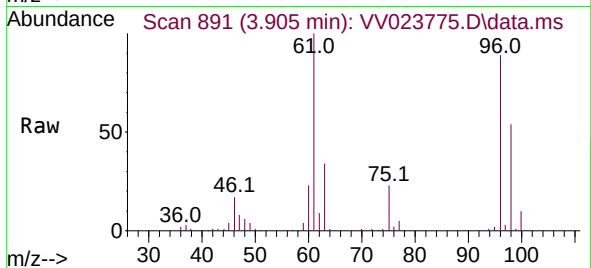
Tgt Ion: 63 Resp: 182884
Ion Ratio Lower Upper
63 100
65 32.0 21.3 39.5
83 14.8 10.1 18.7



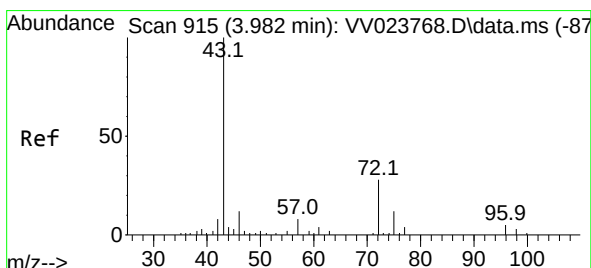
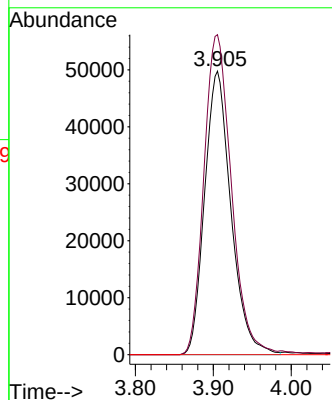
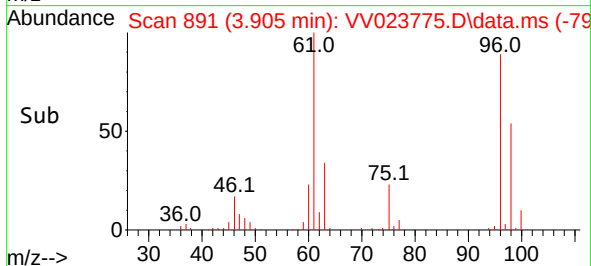


#20
 cis-1,2-Dichloroethene
 Concen: 26.024 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

Instrument :
 MSVOA_V
 ClientSampleId :

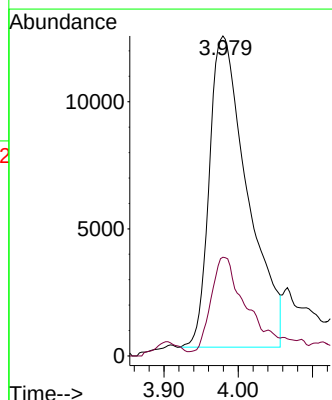
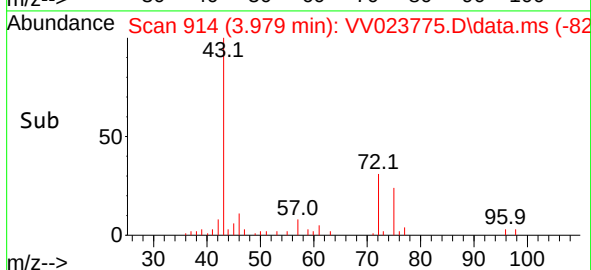
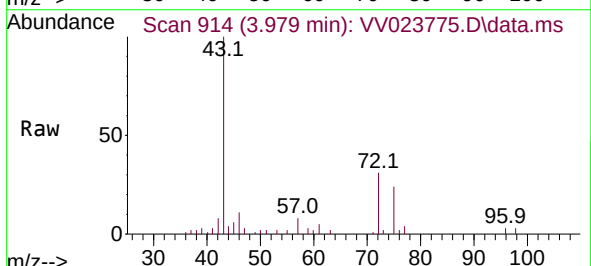


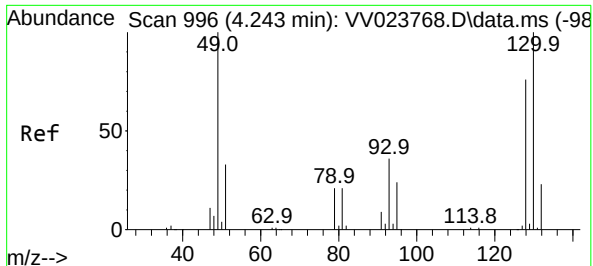
Tgt Ion: 96 Resp: 117099
 Ion Ratio Lower Upper
 96 100
 61 112.9 82.5 153.3
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 37.529 ug/L
 RT: 3.979 min Scan# 914
 Delta R.T. -0.003 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

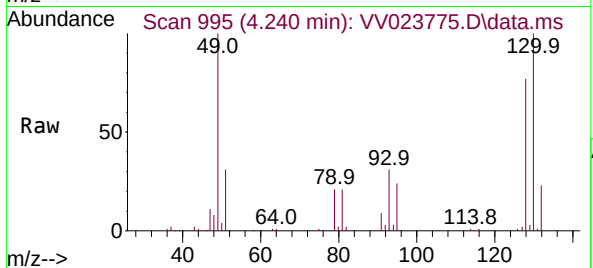
Tgt Ion: 43 Resp: 43679
 Ion Ratio Lower Upper
 43 100
 72 25.7 8.3 25.1#



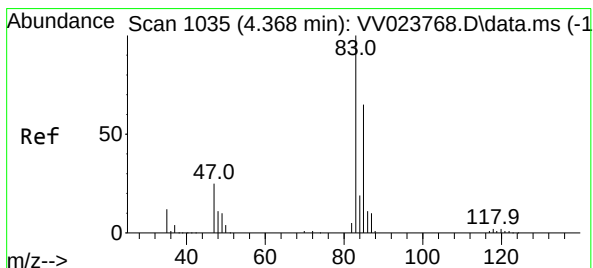
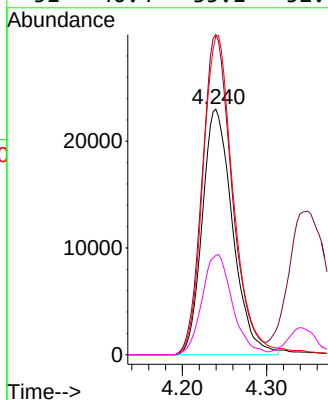
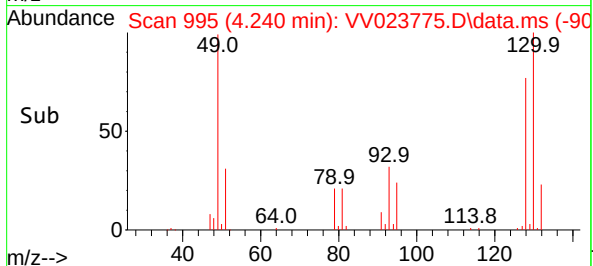


#23
Bromochloromethane
Concen: 25.208 ug/L
RT: 4.240 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Instrument :
MSVOA_V
ClientSampleId :

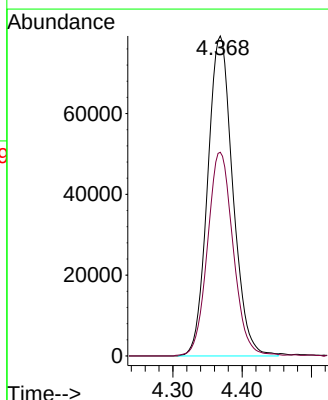
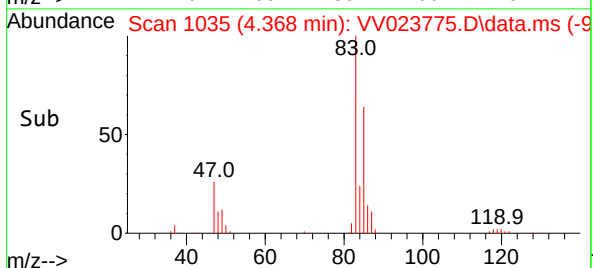
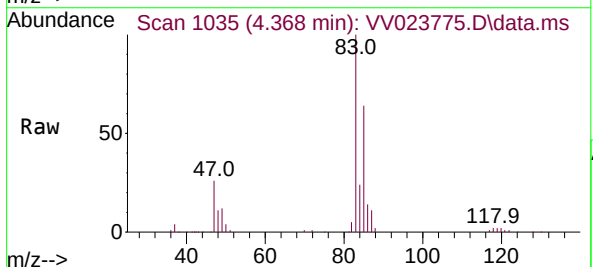


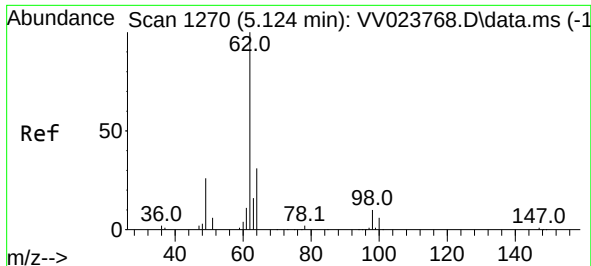
Tgt Ion:128 Resp: 57373
Ion Ratio Lower Upper
128 100
49 130.3 95.7 177.7
130 129.7 92.4 171.6
51 40.4 35.1 52.7



#25
Chloroform
Concen: 25.177 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 83 Resp: 199779
Ion Ratio Lower Upper
83 100
85 63.6 46.0 85.4





#27

1,2-Dichloroethane

Concen: 25.227 ug/L

RT: 5.124 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

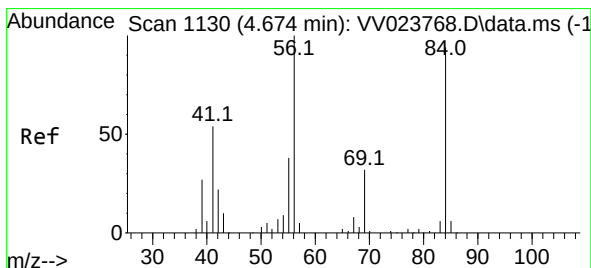
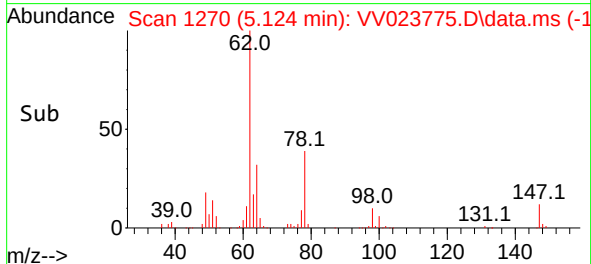
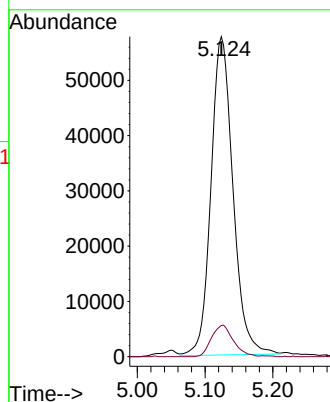
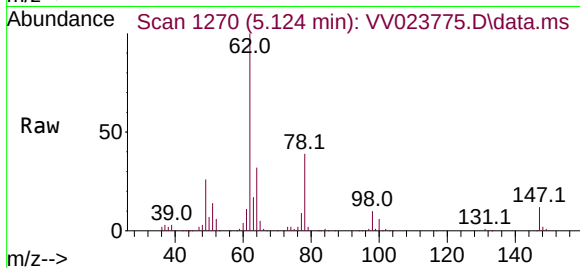
ClientSampleId :

Tgt Ion: 62 Resp: 130177

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6



#29

Cyclohexane

Concen: 28.442 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

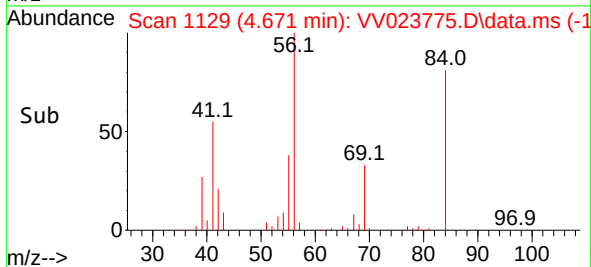
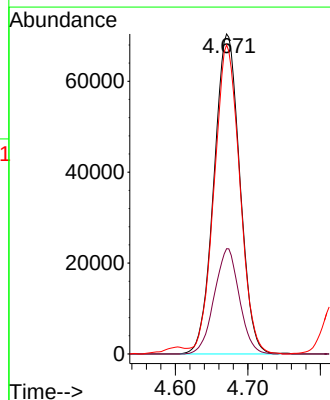
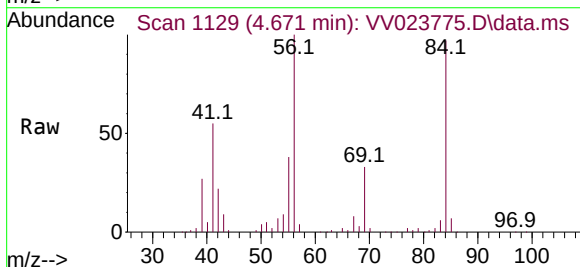
Tgt Ion: 56 Resp: 174199

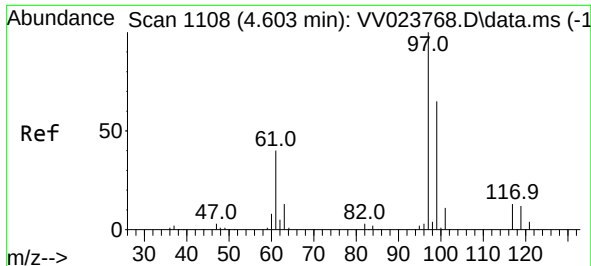
Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 95.9 76.6 114.8





#30

1,1,1-Trichloroethane

Concen: 27.565 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

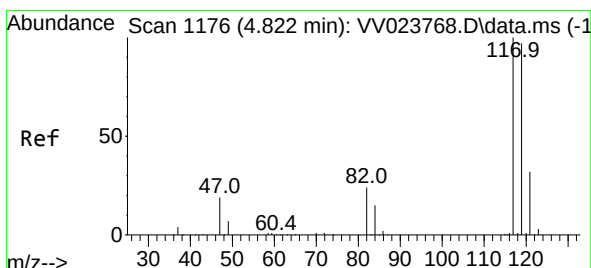
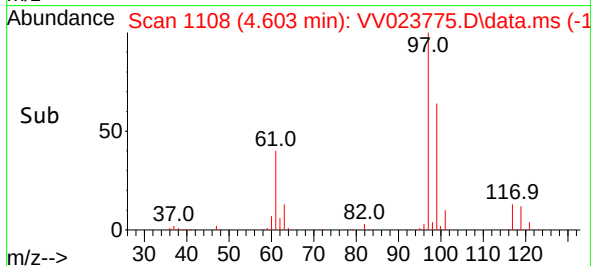
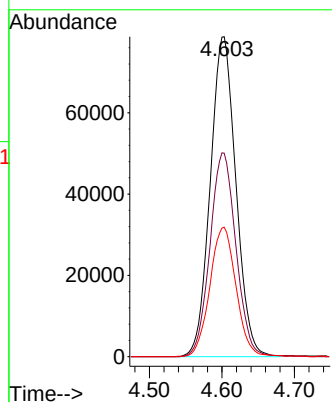
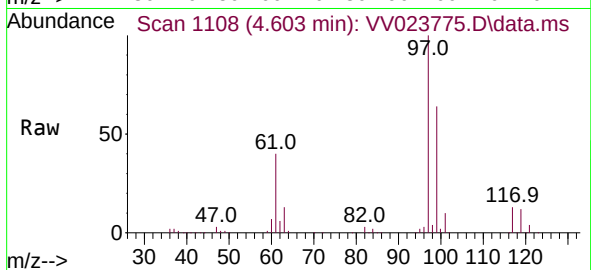
Tgt Ion: 97 Resp: 193464

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 41.1 33.3 49.9



#31

Carbon tetrachloride

Concen: 28.670 ug/L

RT: 4.822 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VV023775.D

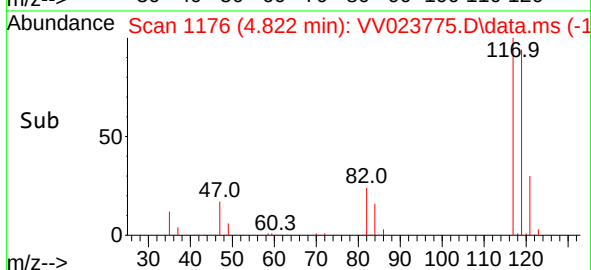
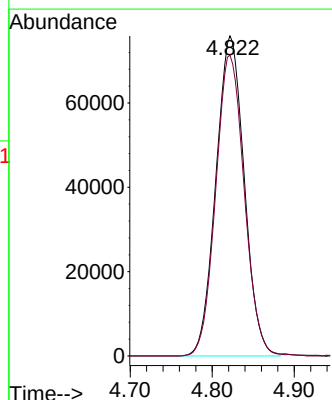
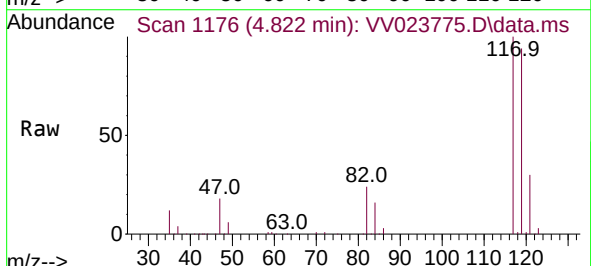
Acq: 02 Dec 2021 15:31

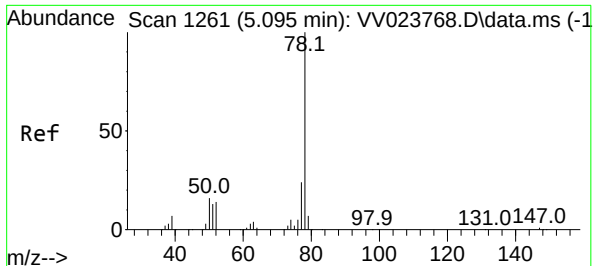
Tgt Ion: 117 Resp: 182150

Ion Ratio Lower Upper

117 100

119 94.7 76.0 114.0

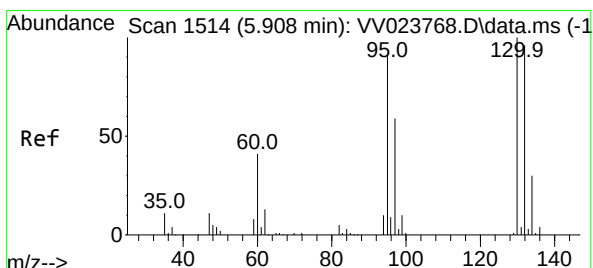
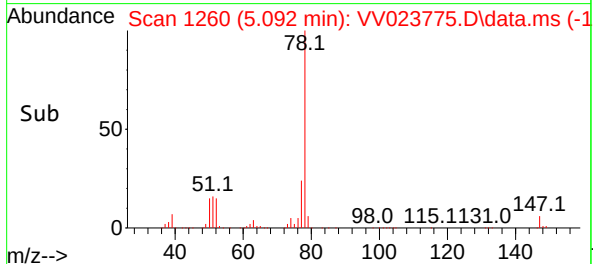
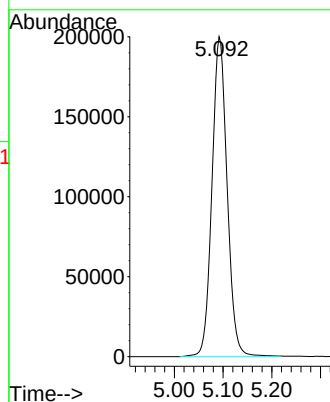
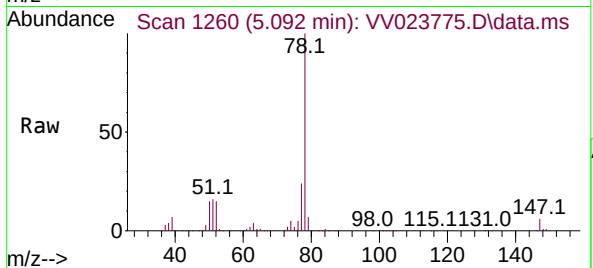




#33
Benzene
Concen: 26.579 ug/L
RT: 5.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Instrument :
MSVOA_V
ClientSampleId :

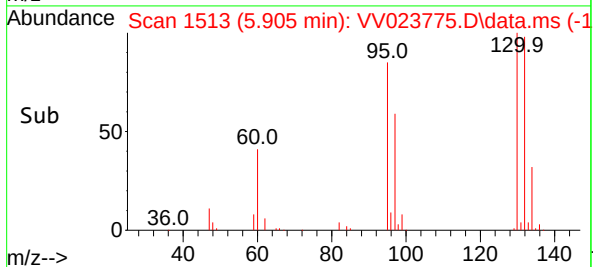
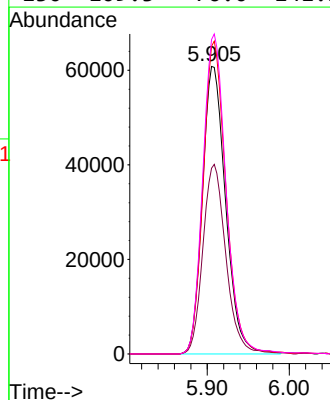
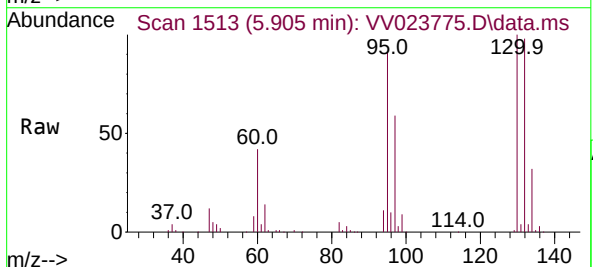
Tgt Ion: 78 Resp: 432470

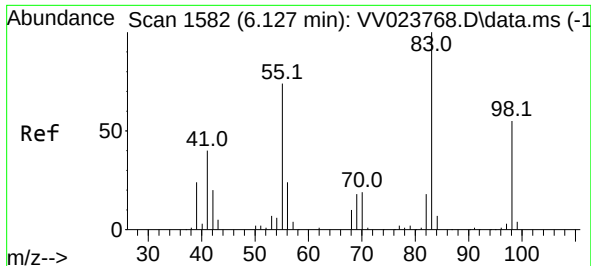


#34
Trichloroethene
Concen: 26.824 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 95 Resp: 119920

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.5	82.7
132	107.0	71.7	133.1
130	109.3	76.0	141.2





#35

Methylcyclohexane

Concen: 29.273 ug/L

RT: 6.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

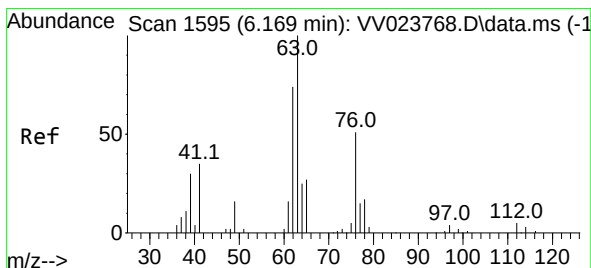
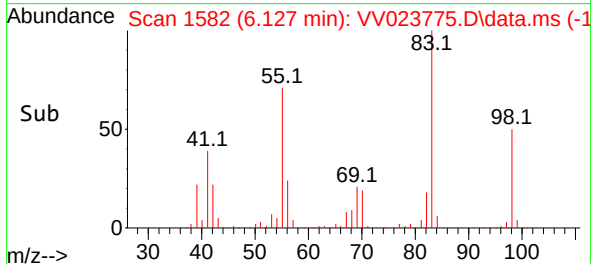
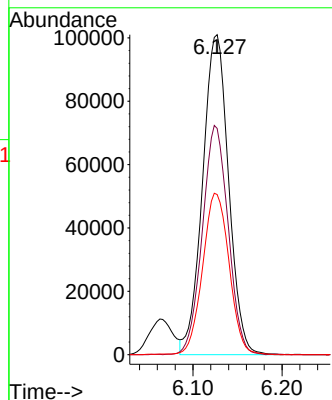
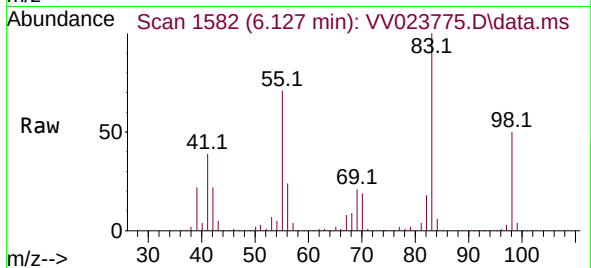
Tgt Ion: 83 Resp: 205478

Ion Ratio Lower Upper

83 100

55 70.9 57.4 86.2

98 51.3 40.4 60.6



#37

1,2-Dichloropropane

Concen: 25.954 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VV023775.D

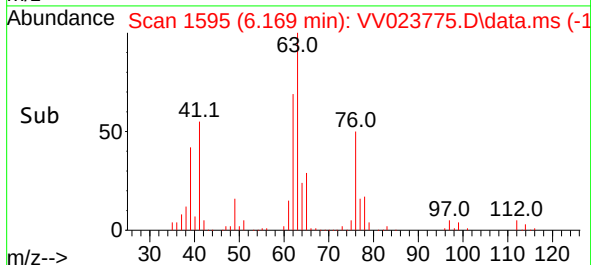
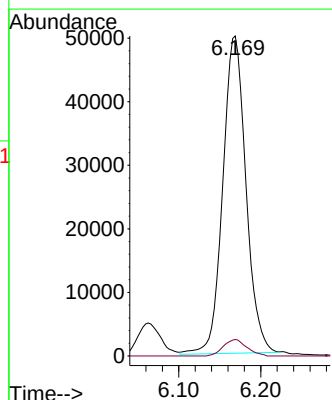
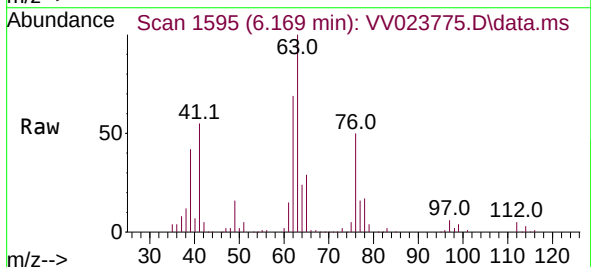
Acq: 02 Dec 2021 15:31

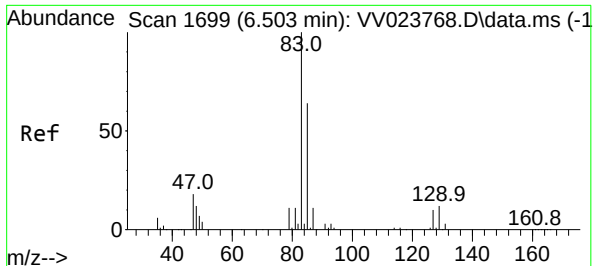
Tgt Ion: 63 Resp: 98072

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5

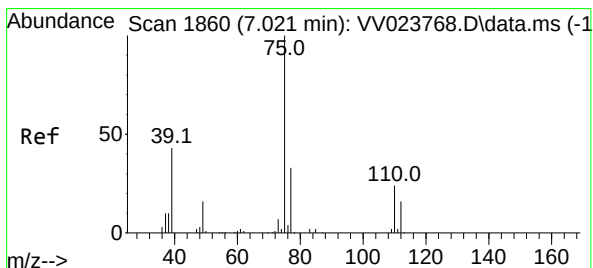
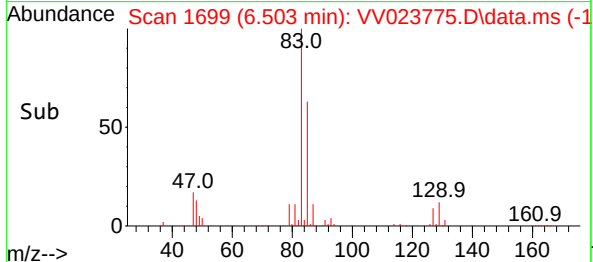
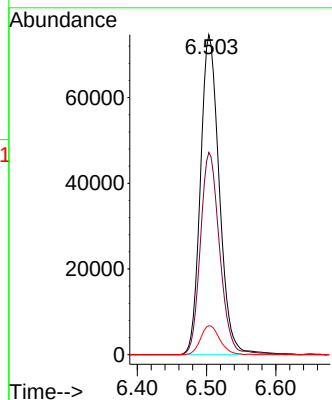
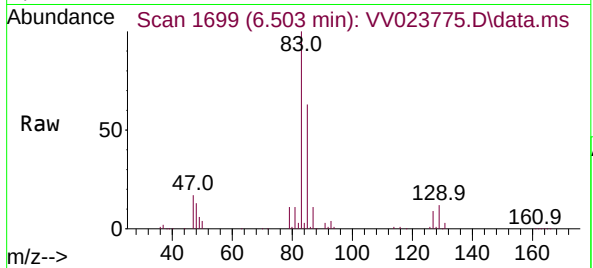




#38
Bromodichloromethane
Concen: 25.586 ug/L
RT: 6.503 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

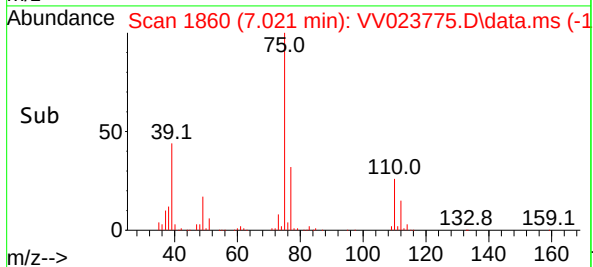
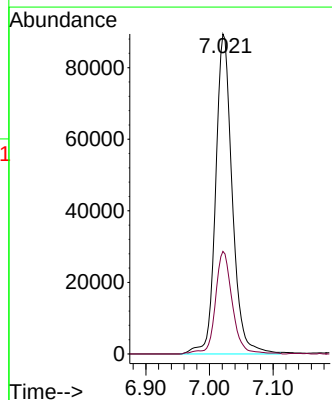
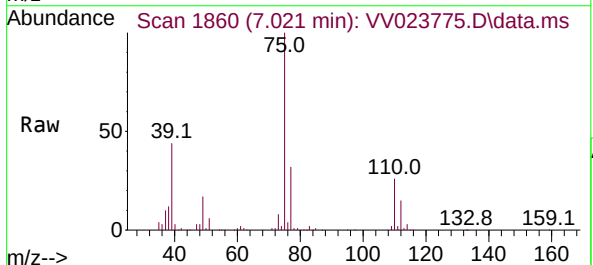
Instrument :
MSVOA_V
ClientSampleId :

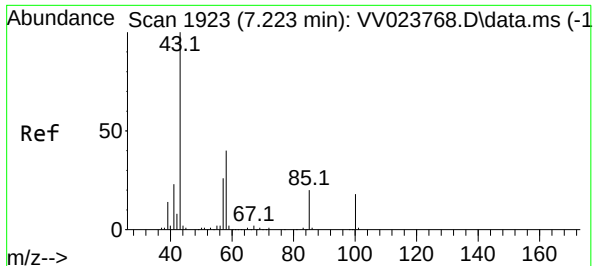
Tgt Ion: 83 Resp: 140882
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.2
127 9.0 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 26.985 ug/L
RT: 7.021 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 75 Resp: 162161
Ion Ratio Lower Upper
75 100
77 32.1 22.4 41.6

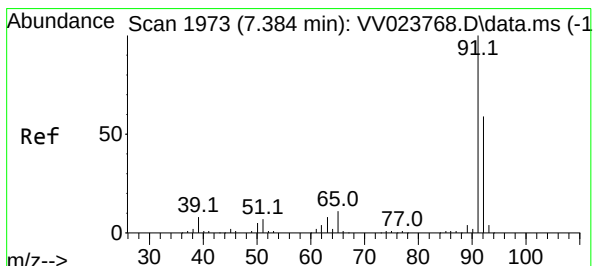
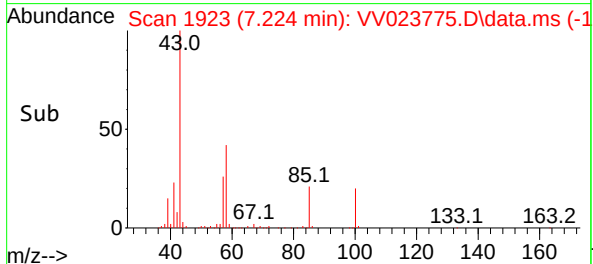
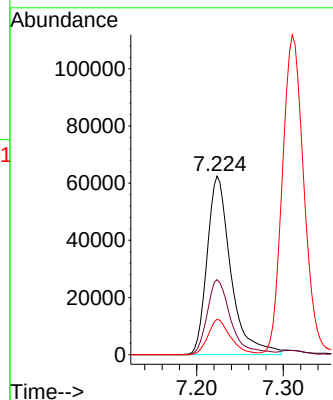
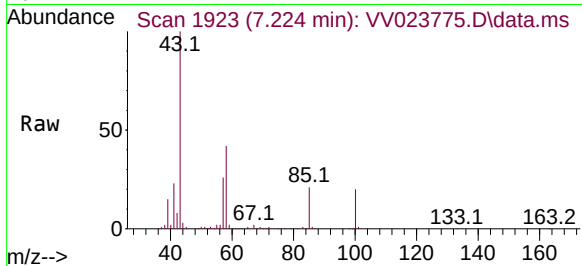




#40
4-Methyl-2-pentanone
Concen: 51.341 ug/L
RT: 7.224 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

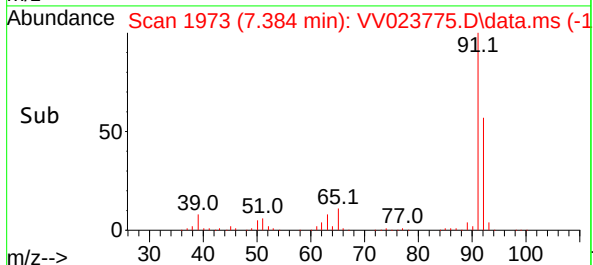
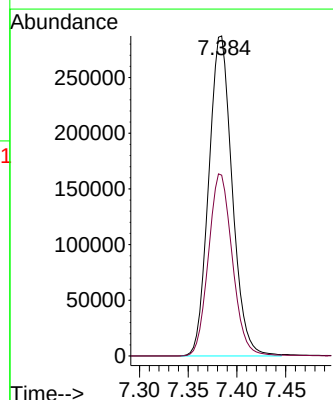
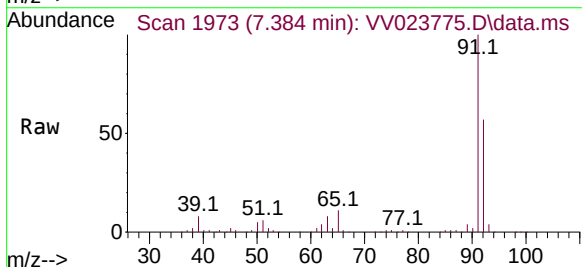
Instrument :
MSVOA_V
ClientSampleId :

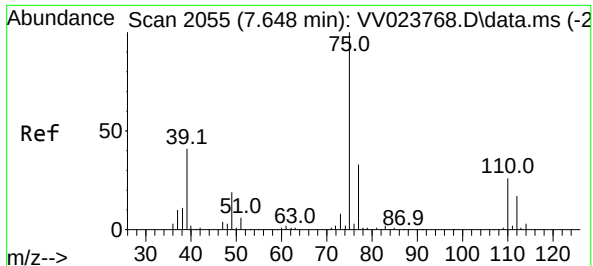
Tgt Ion: 43 Resp: 119175
Ion Ratio Lower Upper
43 100
58 42.0 31.6 47.4
100 18.9 13.8 20.6



#42
Toluene
Concen: 27.081 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 91 Resp: 482130
Ion Ratio Lower Upper
91 100
92 56.5 40.4 75.0

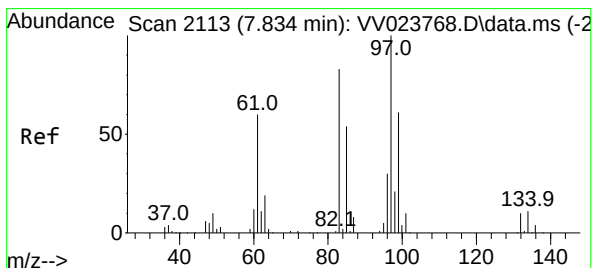
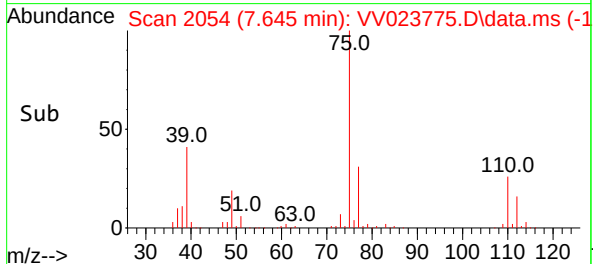
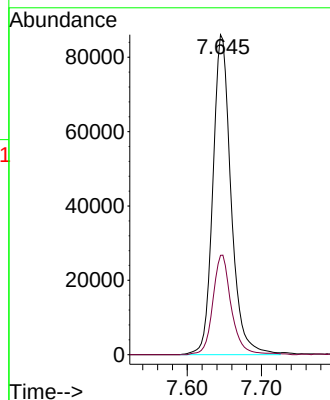
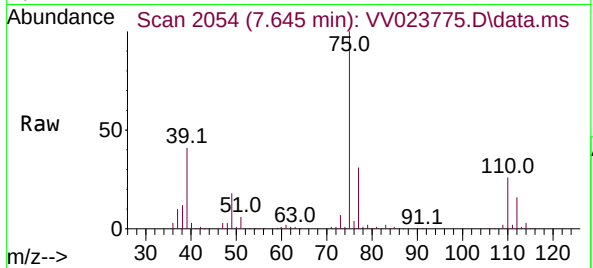




#44
trans-1,3-Dichloropropene
Concen: 26.534 ug/L
RT: 7.645 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

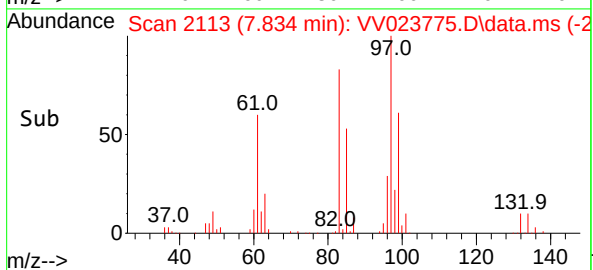
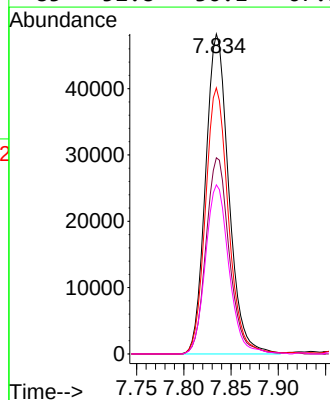
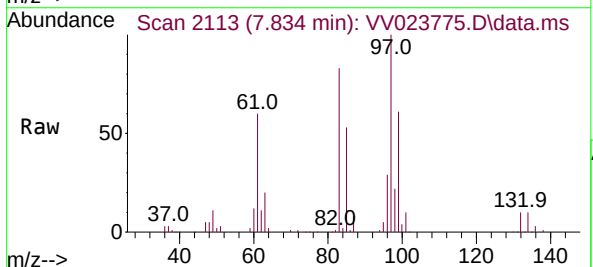
Instrument :
MSVOA_V
ClientSampleId :

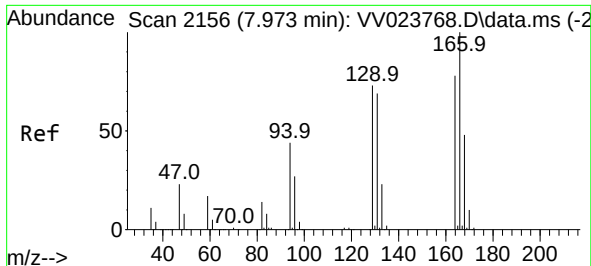
Tgt Ion: 75 Resp: 146362
Ion Ratio Lower Upper
75 100
77 31.1 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 25.022 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

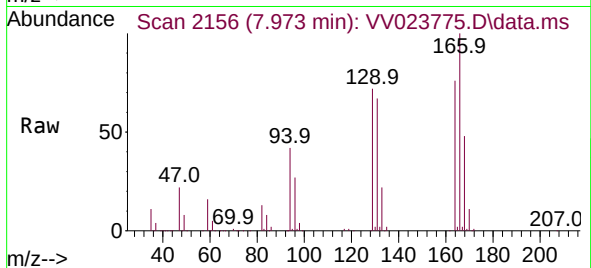
Tgt Ion: 97 Resp: 82368
Ion Ratio Lower Upper
97 100
99 61.3 41.8 77.6
83 83.2 55.8 103.6
85 52.8 36.1 67.1



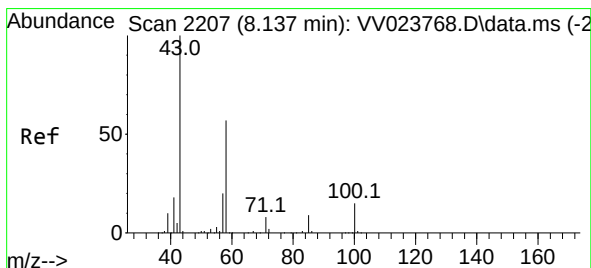
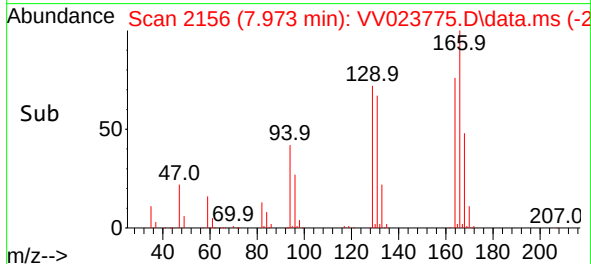
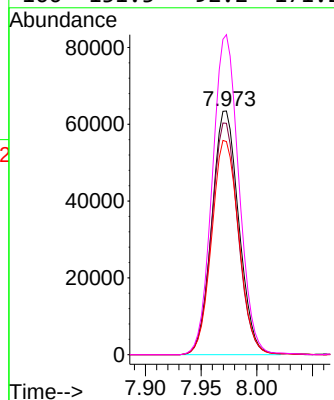


#46
Tetrachloroethene
Concen: 26.879 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Instrument :
MSVOA_V
ClientSampleId :

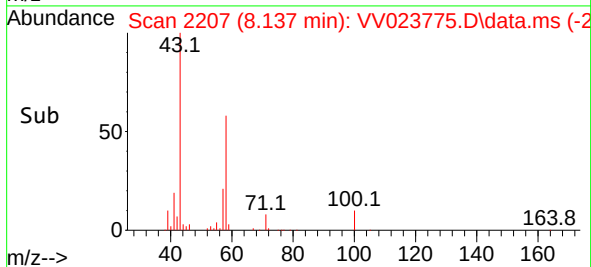
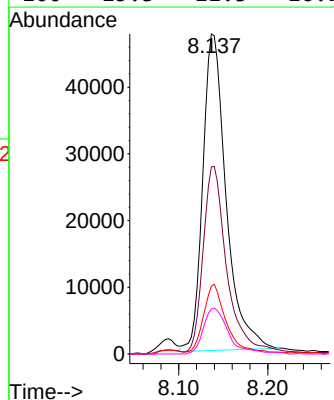
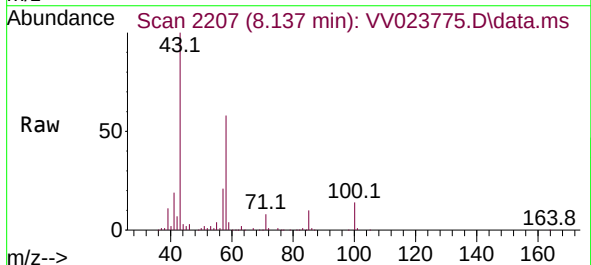


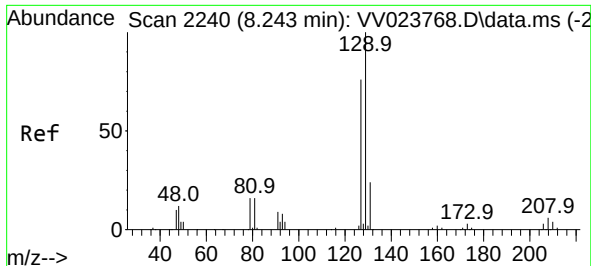
Tgt Ion:164 Resp: 106810
Ion Ratio Lower Upper
164 100
129 94.9 63.3 117.5
131 87.4 61.8 114.8
166 131.3 92.2 171.2



#48
2-Hexanone
Concen: 51.211 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 43 Resp: 86433
Ion Ratio Lower Upper
43 100
58 60.3 45.8 68.8
57 19.9 15.6 23.4
100 15.3 11.3 16.9





#49

Dibromochloromethane

Concen: 25.451 ug/L

RT: 8.243 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

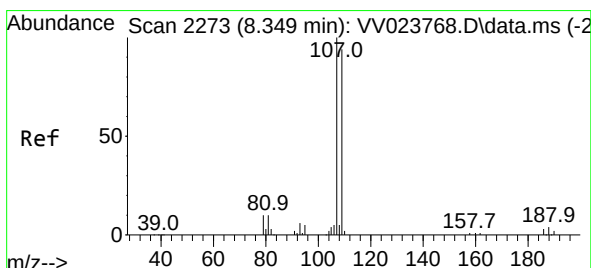
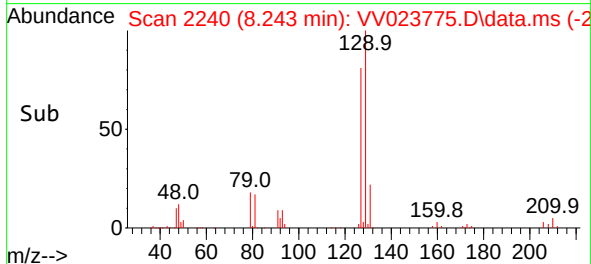
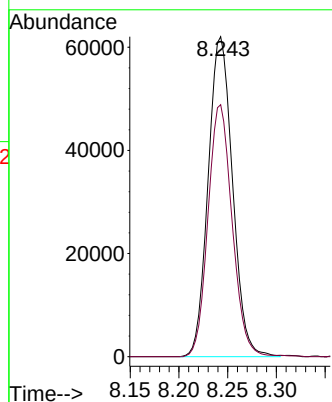
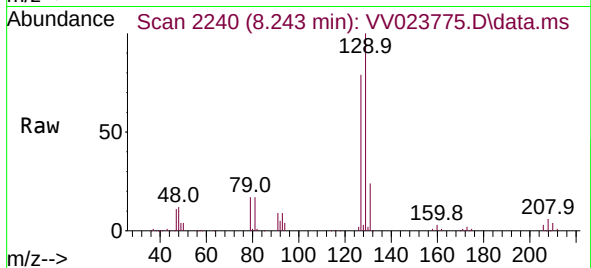
ClientSampleId :

Tgt Ion:129 Resp: 108010

Ion Ratio Lower Upper

129 100

127 78.7 53.1 98.7



#50

1,2-Dibromoethane

Concen: 25.011 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

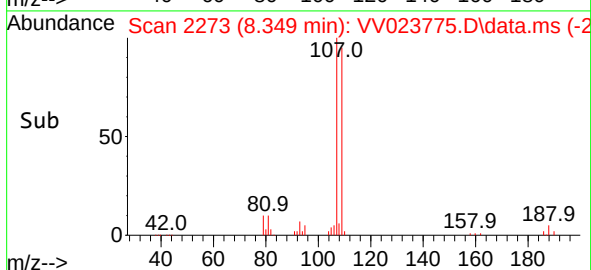
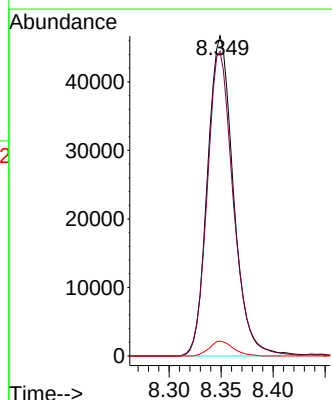
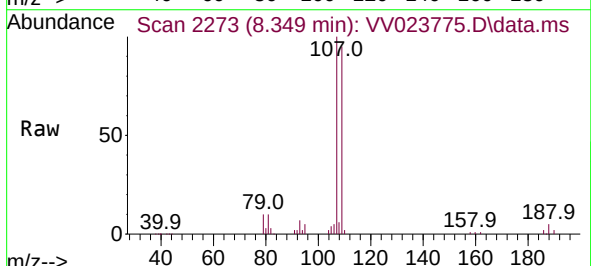
Tgt Ion:107 Resp: 80603

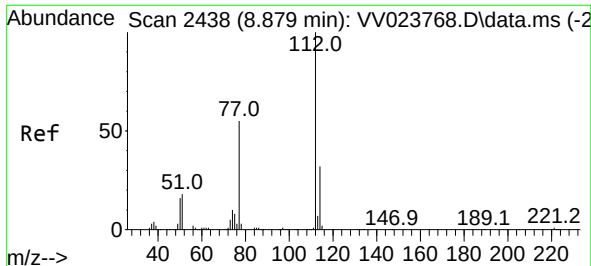
Ion Ratio Lower Upper

107 100

109 95.2 67.8 125.8

188 4.6 3.6 5.4

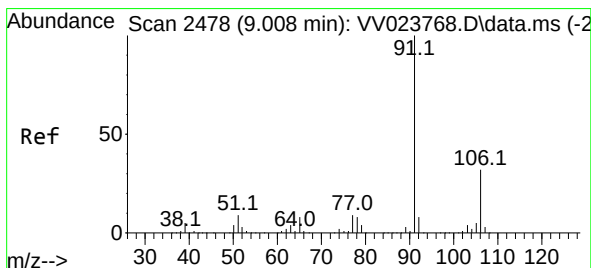
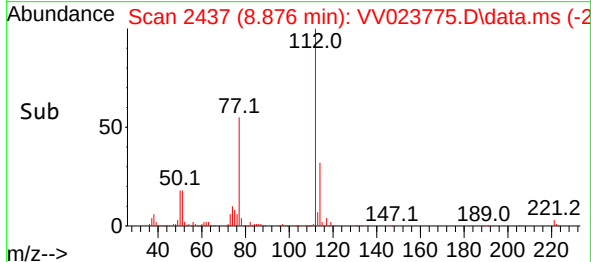
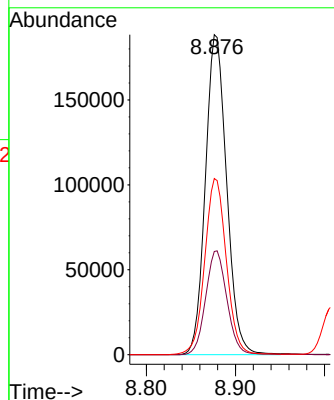
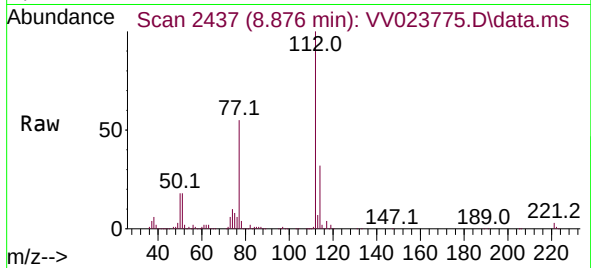




#51
Chlorobenzene
Concen: 25.589 ug/L
RT: 8.876 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

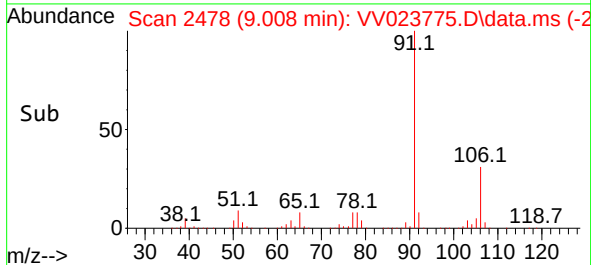
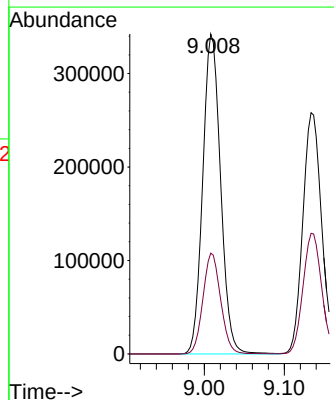
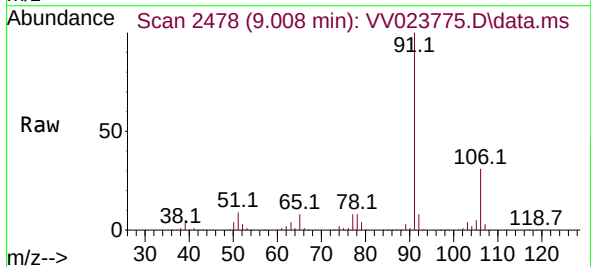
Instrument :
MSVOA_V
ClientSampleId :

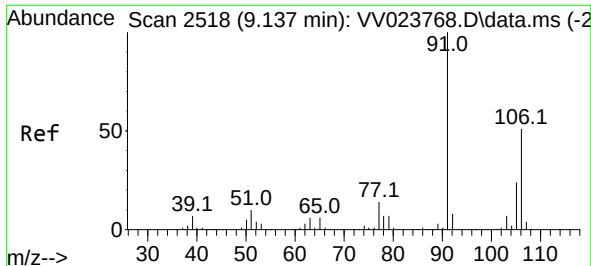
Tgt Ion:112 Resp: 312055
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 55.1 43.5 65.3



#52
Ethylbenzene
Concen: 27.730 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 91 Resp: 532473
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8

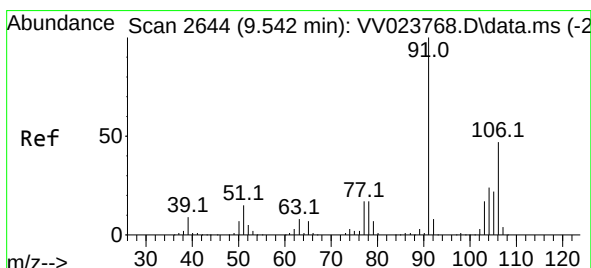
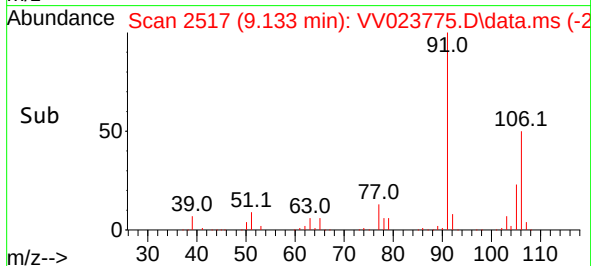
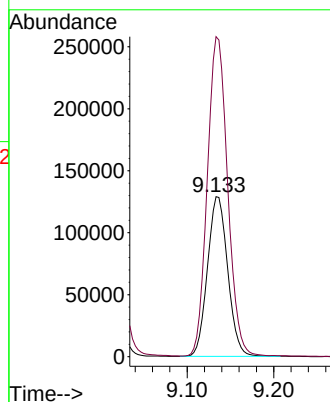
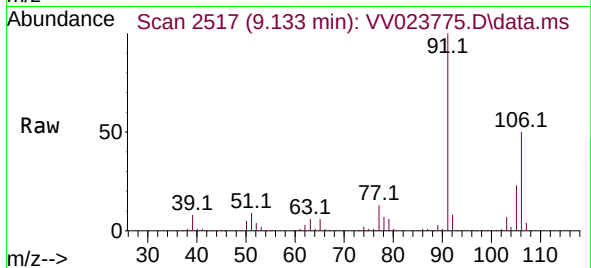




#53
m,p-Xylene
Concen: 27.573 ug/L
RT: 9.133 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

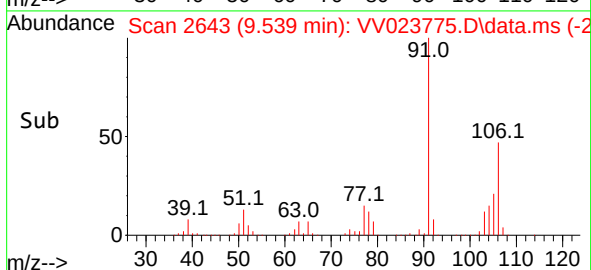
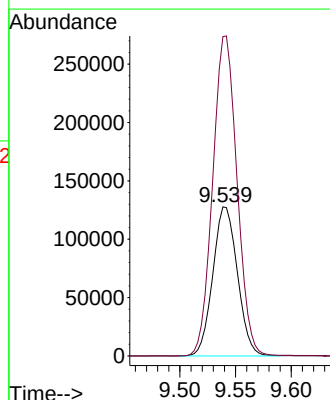
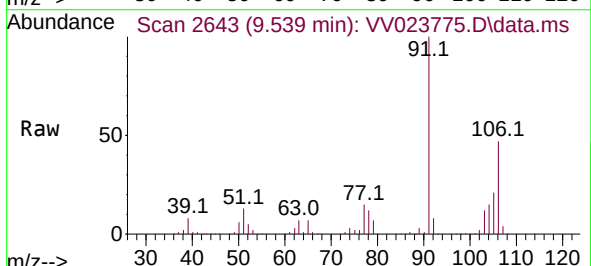
Instrument :
MSVOA_V
ClientSampleId :

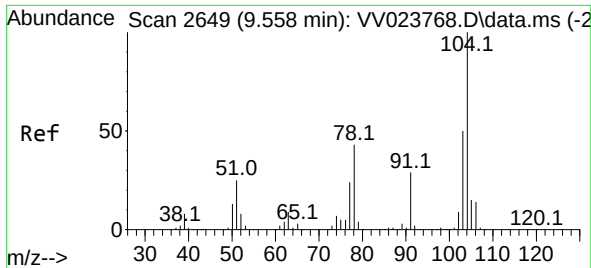
Tgt Ion:106 Resp: 209288
Ion Ratio Lower Upper
106 100
91 200.0 141.7 263.3



#54
o-Xylene
Concen: 27.131 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion:106 Resp: 196206
Ion Ratio Lower Upper
106 100
91 214.2 147.8 274.6

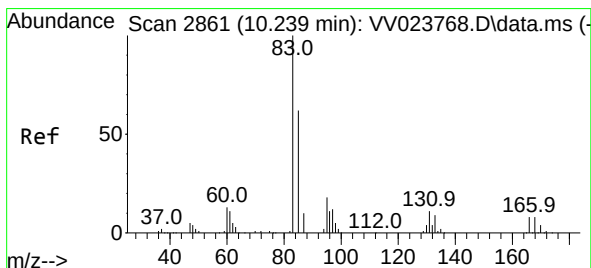
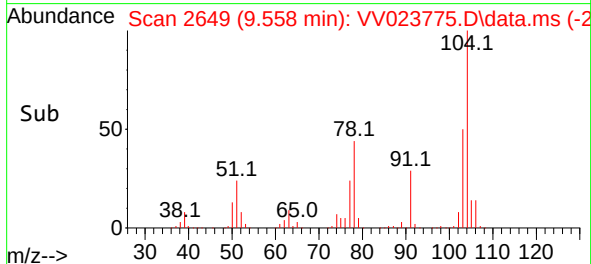
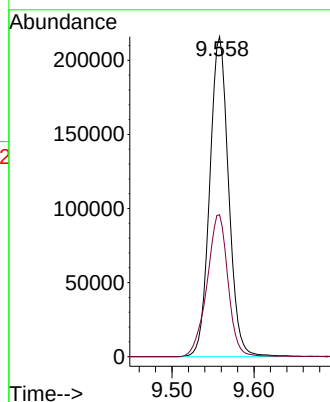
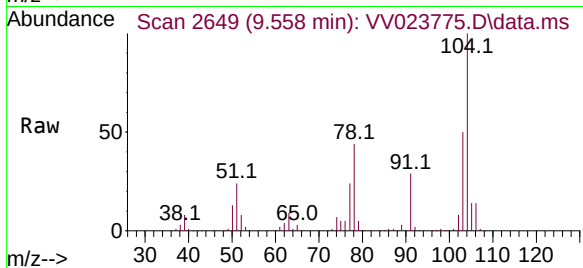




#55
Styrene
Concen: 27.633 ug/L
RT: 9.558 min Scan# 204
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

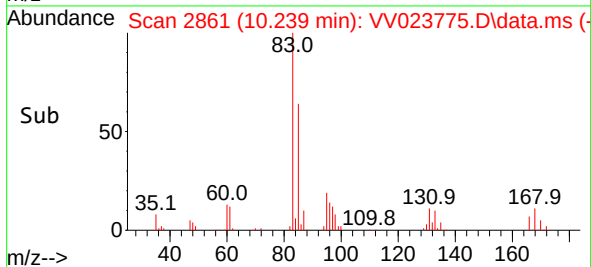
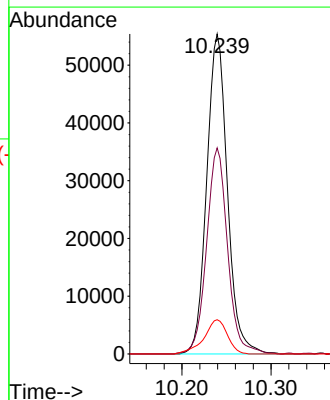
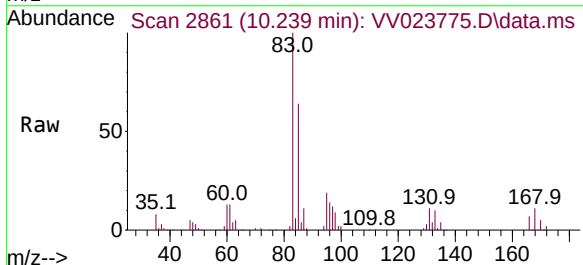
Instrument :
MSVOA_V
ClientSampleId :

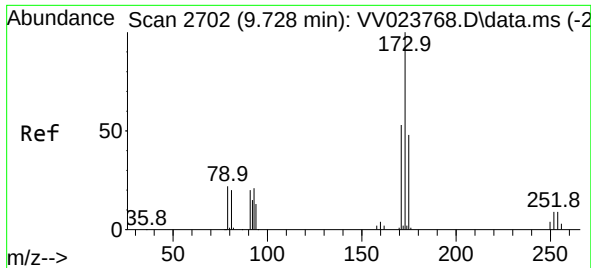
Tgt Ion:104 Resp: 345335
Ion Ratio Lower Upper
104 100
78 44.4 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 24.175 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion: 83 Resp: 89120
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.5
131 10.7 8.4 12.6

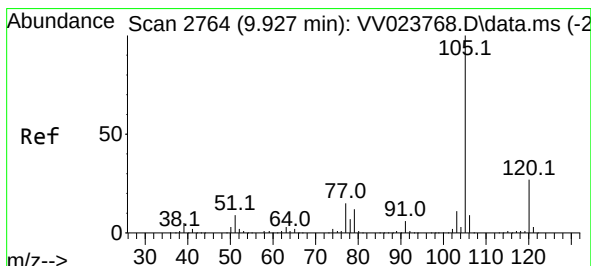
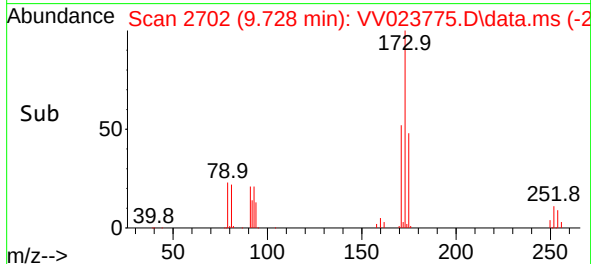
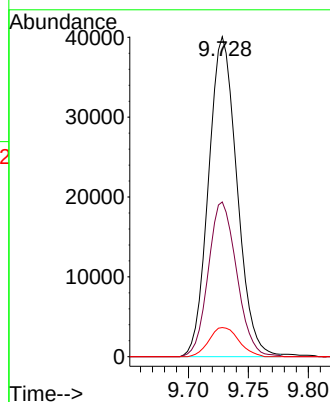
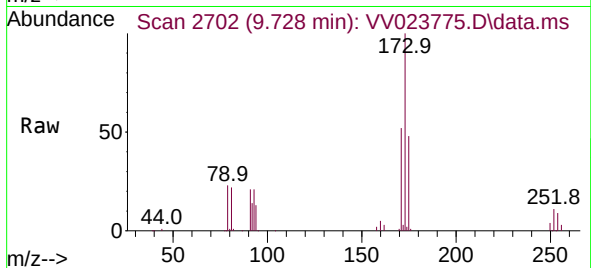




#59
Bromoform
Concen: 25.306 ug/L
RT: 9.728 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

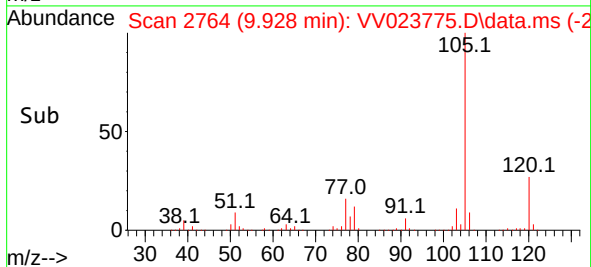
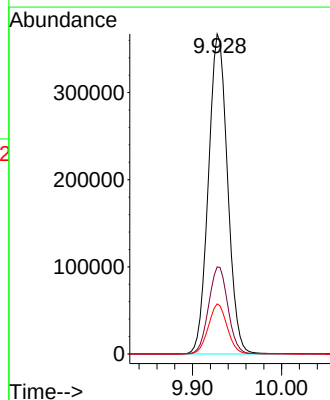
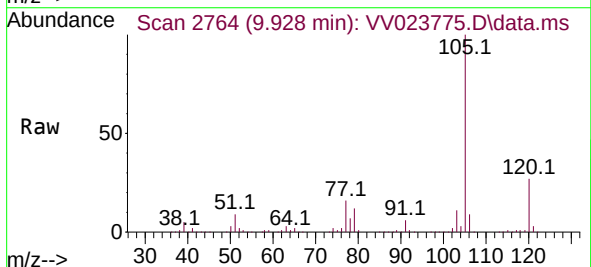
Instrument :
MSVOA_V
ClientSampleId :

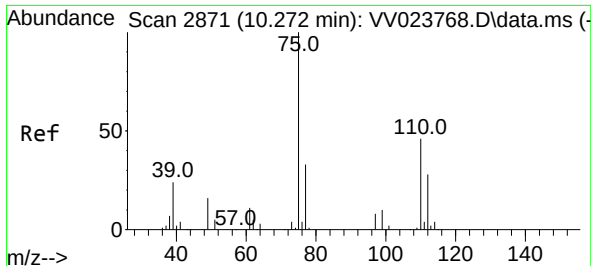
Tgt Ion:173 Resp: 66044
Ion Ratio Lower Upper
173 100
175 48.4 0.0 0.0#
254 9.6 0.0 0.0#



#60
Isopropylbenzene
Concen: 28.179 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

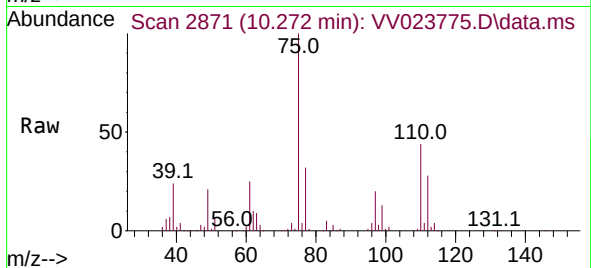
Tgt Ion:105 Resp: 547603
Ion Ratio Lower Upper
105 100
120 27.4 21.6 32.4
77 15.4 11.9 17.9



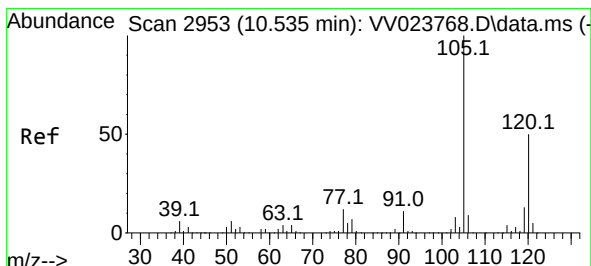
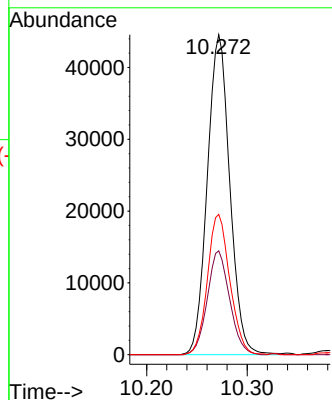
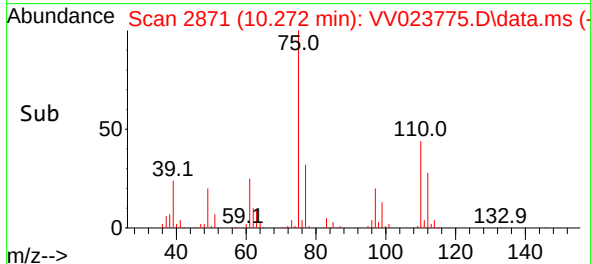


#61
 1,2,3-Trichloropropane
 Concen: 24.632 ug/L
 RT: 10.272 min Scan# 2871
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

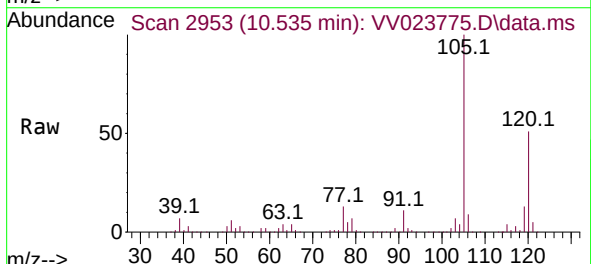
Instrument :
 MSVOA_V
 ClientSampleId :



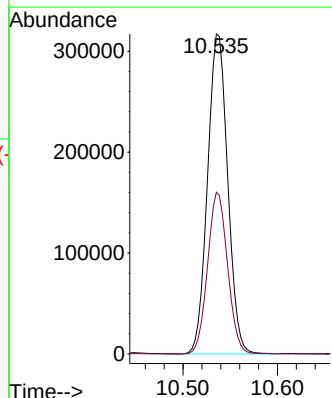
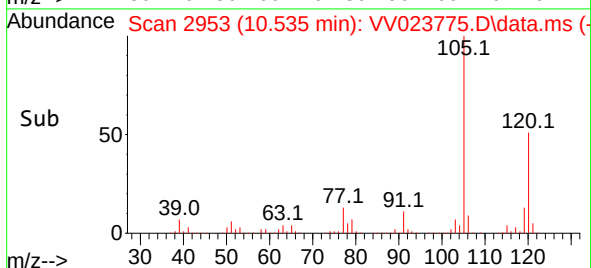
Tgt Ion: 75 Resp: 69165
 Ion Ratio Lower Upper
 75 100
 77 32.2 27.0 40.6
 110 43.6 33.7 50.5

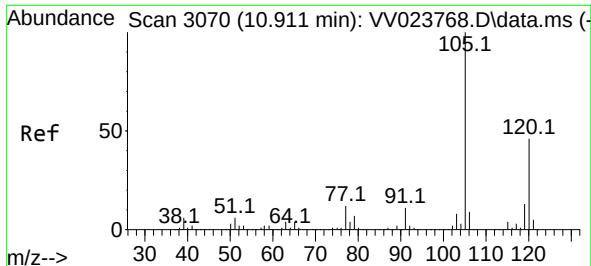


#62
 1,3,5-Trimethylbenzene
 Concen: 27.732 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31



Tgt Ion: 105 Resp: 469958
 Ion Ratio Lower Upper
 105 100
 120 50.2 40.0 60.0





#63

1,2,4-Trimethylbenzene

Concen: 27.988 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

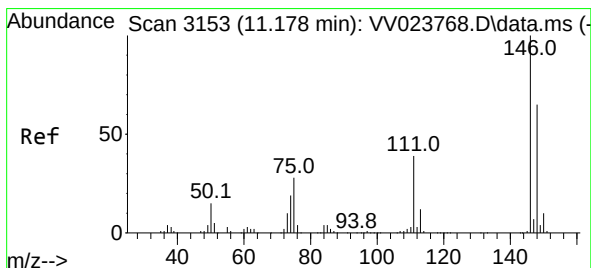
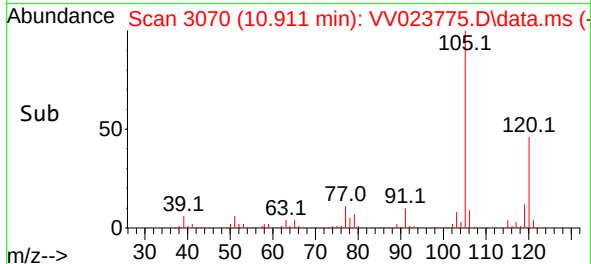
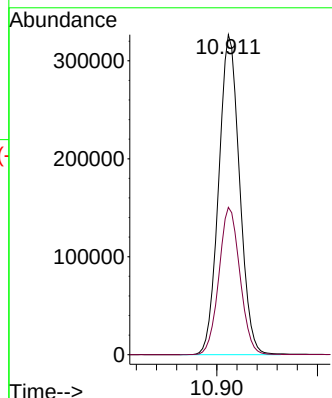
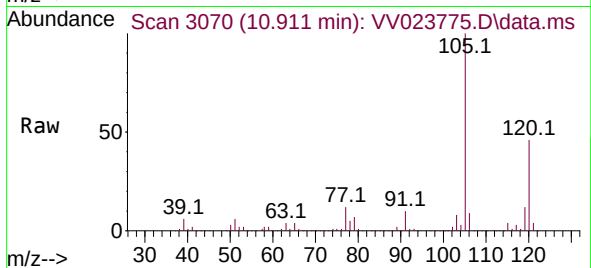
ClientSampleId :

Tgt Ion:105 Resp: 470093

Ion Ratio Lower Upper

105 100

120 46.4 36.7 55.1



#64

1,3-Dichlorobenzene

Concen: 26.072 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

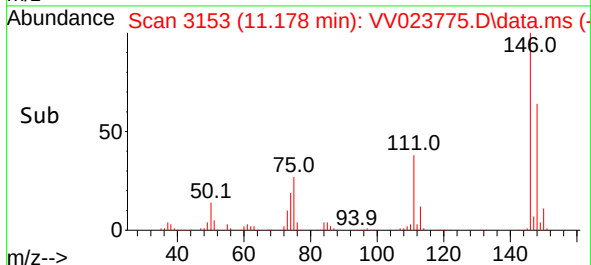
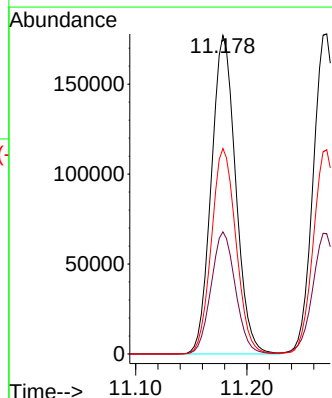
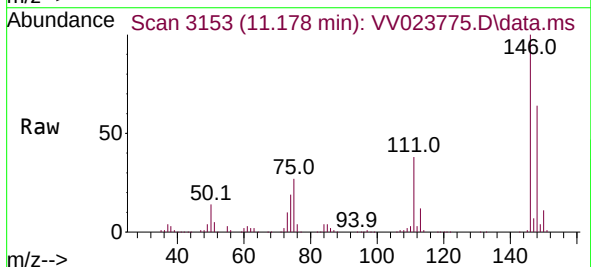
Tgt Ion:146 Resp: 268917

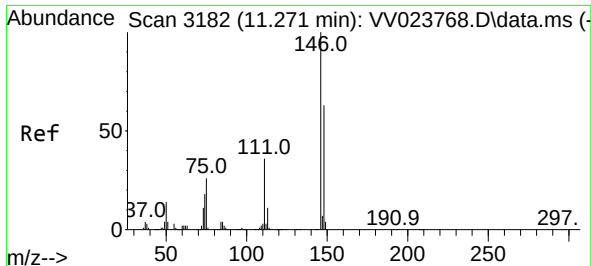
Ion Ratio Lower Upper

146 100

111 38.3 26.2 48.8

148 64.5 44.7 83.1

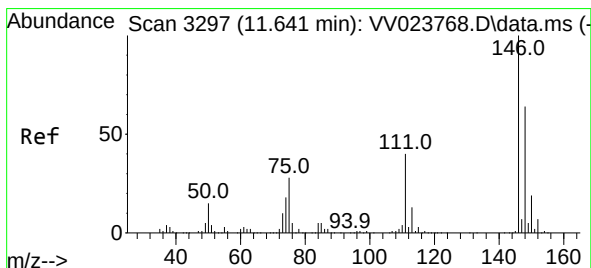
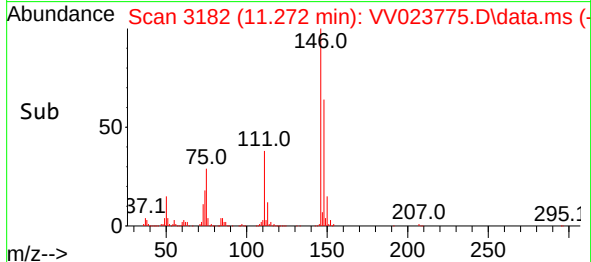
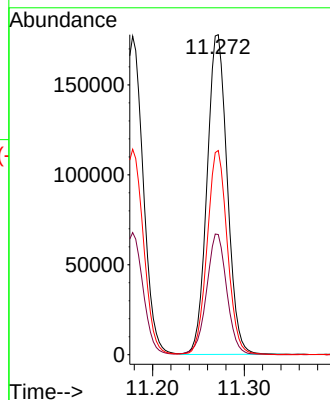
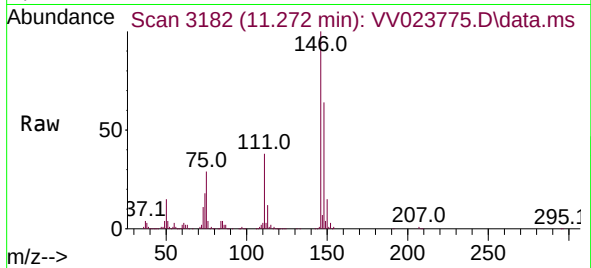




#65
1,4-Dichlorobenzene
Concen: 25.809 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

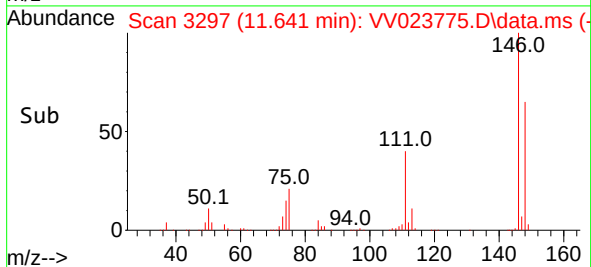
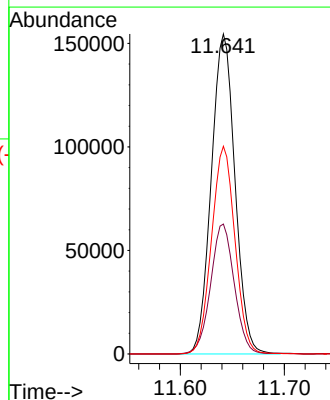
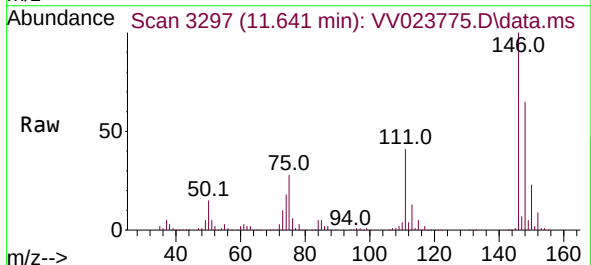
Instrument :
MSVOA_V
ClientSampleId :

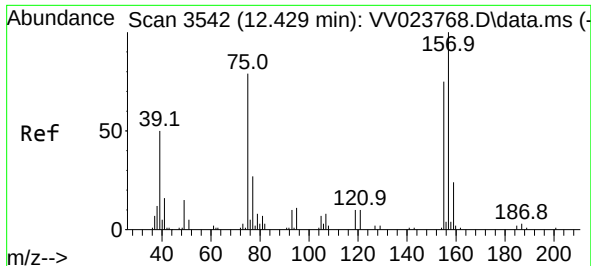
Tgt Ion:146 Resp: 272138
Ion Ratio Lower Upper
146 100
111 37.6 25.4 47.2
148 63.8 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 25.880 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023775.D
Acq: 02 Dec 2021 15:31

Tgt Ion:146 Resp: 244722
Ion Ratio Lower Upper
146 100
111 40.6 31.4 47.0
148 64.9 51.1 76.7





#68

1,2-Dibromo-3-chloropropane

Concen: 24.402 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

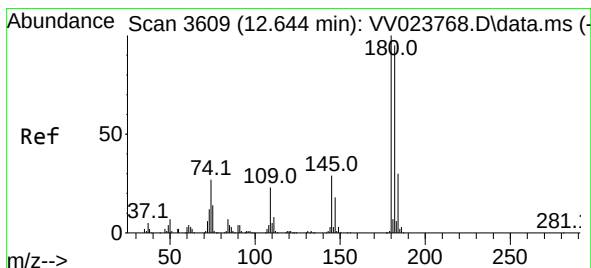
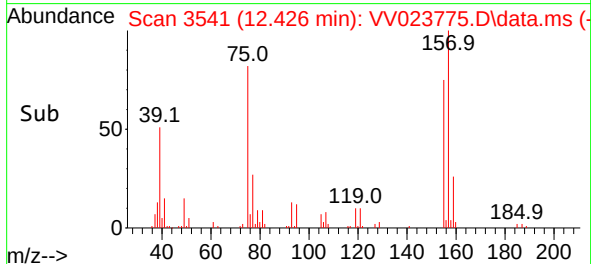
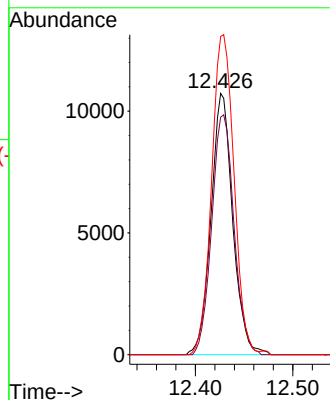
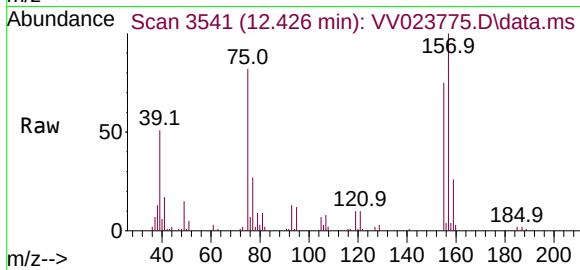
Tgt Ion: 75 Resp: 16633

Ion Ratio Lower Upper

75 100

155 90.9 71.0 106.4

157 121.8 90.1 135.1



#69

1,3,5-Trichlorobenzene

Concen: 26.913 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Tgt Ion:180 Resp: 219244

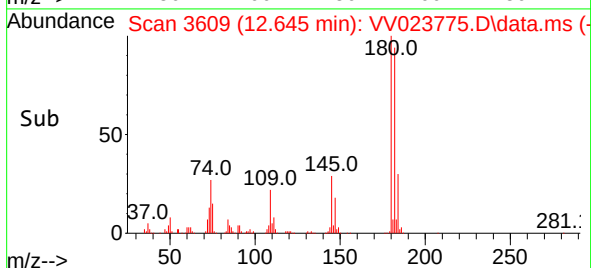
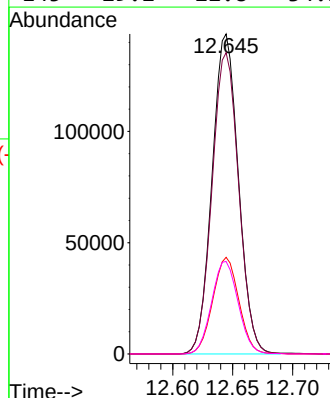
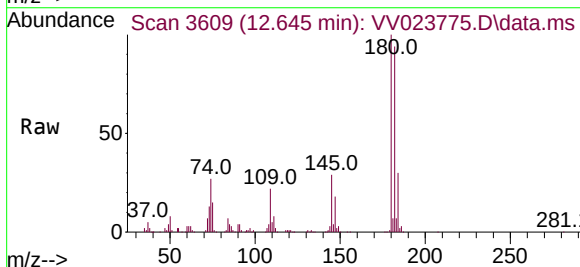
Ion Ratio Lower Upper

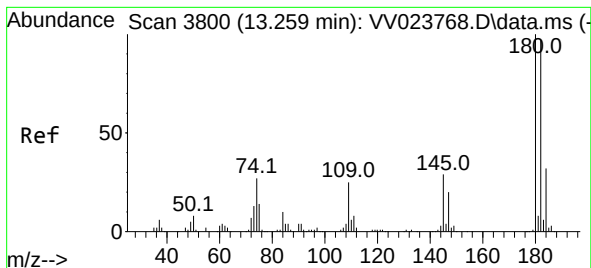
180 100

182 95.5 75.8 113.8

184 30.0 23.8 35.8

145 29.2 22.8 34.2





#70

1,2,4-trichlorobenzene

Concen: 26.767 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

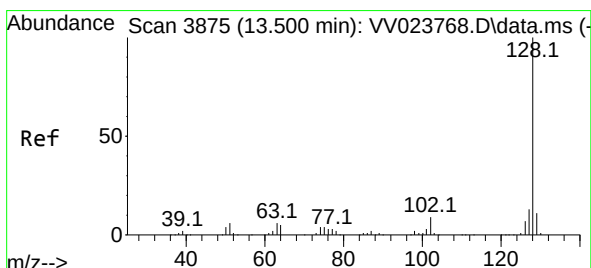
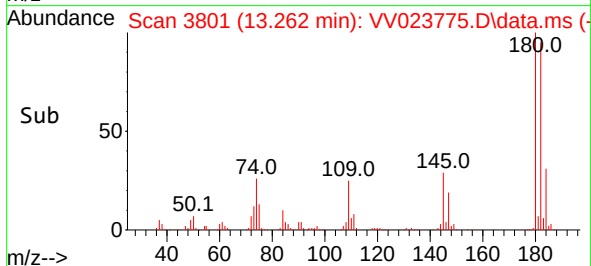
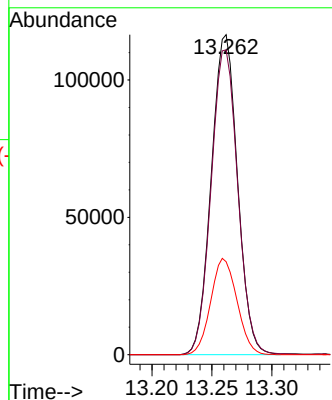
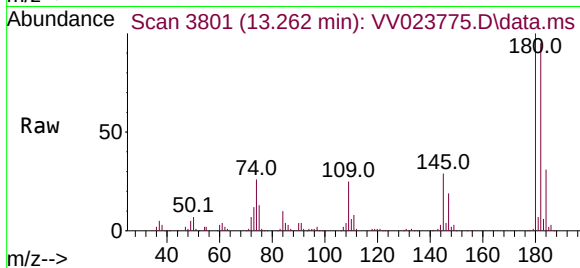
Tgt Ion:180 Resp: 177328

Ion Ratio Lower Upper

180 100

182 96.8 77.0 115.4

145 30.1 24.3 36.5



#71

Naphthalene

Concen: 27.734 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV023775.D

Acq: 02 Dec 2021 15:31

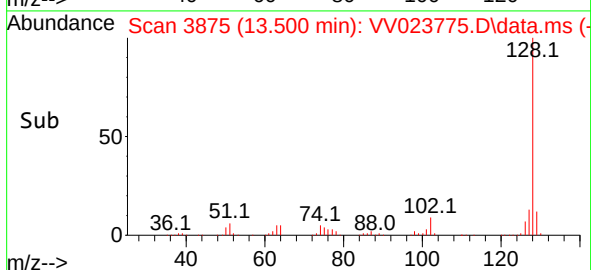
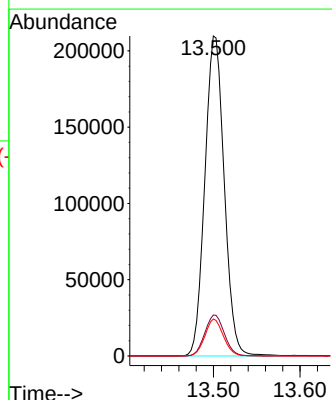
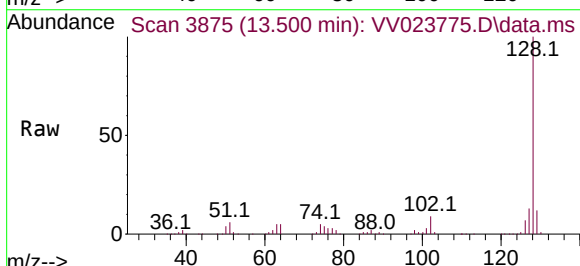
Tgt Ion:128 Resp: 326117

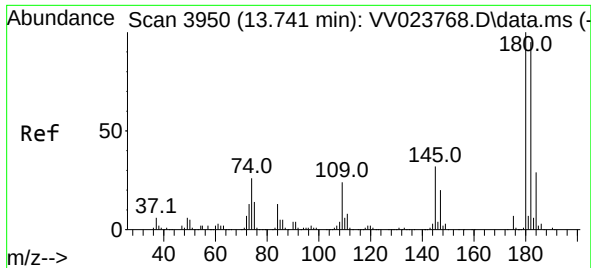
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

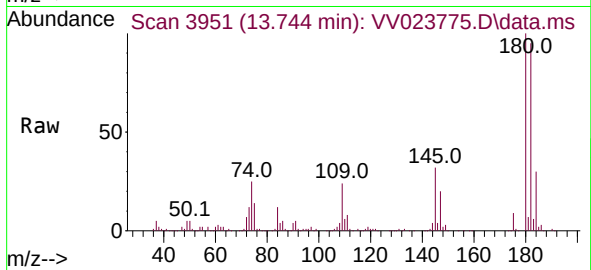
129 11.0 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 27.388 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV023775.D
 Acq: 02 Dec 2021 15:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 163752
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.2 114.2
 145 32.2 25.6 38.4

