

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022550.D
 Acq On : 07 Jun 2021 21:35
 Operator : JC/MD
 Sample : M2615-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 08 04:23:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

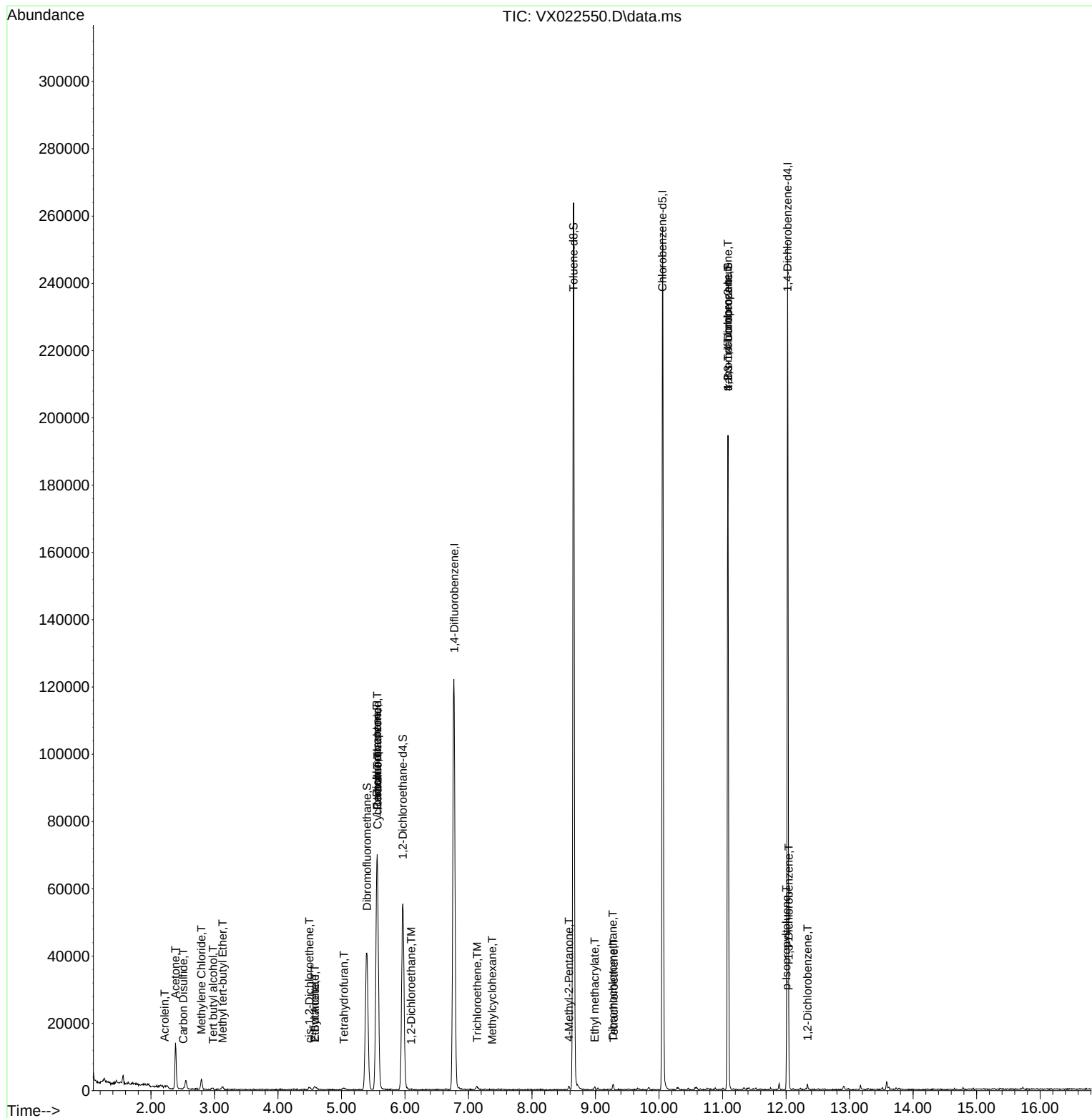
Internal Standards						
1) Pentafluorobenzene	5.562	168	59812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	123025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51552	48.483	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.403	113	35615	46.270	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.653	98	149987	48.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.085	95	53145	46.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	526	2.205	ug/l #	73
13) Acrolein	2.215	56	77	3.788	ug/l #	58
16) Acetone	2.386	43	13807	28.898	ug/l	96
17) Carbon Disulfide	2.508	76	442	3.601	ug/l #	75
19) Methyl tert-butyl Ether	3.129	73	904	0.357	ug/l #	89
20) Methylene Chloride	2.794	84	1351	1.354	ug/l	89
25) 2-Butanone	4.580	43	1139	1.442	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	471	0.470	ug/l	95
29) Tetrahydrofuran	5.038	42	501	1.081	ug/l #	41
31) Cyclohexane	5.568	56	1809	1.438	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	6203	5.212	ug/l #	48
37) Ethyl Acetate	4.580	43	1139	0.746	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7041	8.186	ug/l #	12
39) Methylcyclohexane	7.373	83	65	1.890	ug/l #	19
42) 1,2-Dichloroethane	6.098	62	388	0.287	ug/l #	73
44) Trichloroethene	7.135	130	352	0.406	ug/l	81
51) 4-Methyl-2-Pentanone	8.580	43	743	0.482	ug/l	92
56) Ethyl methacrylate	8.988	69	205	2.817	ug/l #	1
60) Dibromochloromethane	9.275	129	284	3.866	ug/l #	11
64) Tetrachloroethene	9.287	164	329	0.451	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	28100	24.612	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28100	60.995	ug/l #	12
86) p-Isopropyltoluene	12.006	119	652	0.217	ug/l #	66
87) 1,3-Dichlorobenzene	12.042	146	309	0.206	ug/l #	1
91) 1,2-Dichlorobenzene	12.341	146	522	0.366	ug/l	80

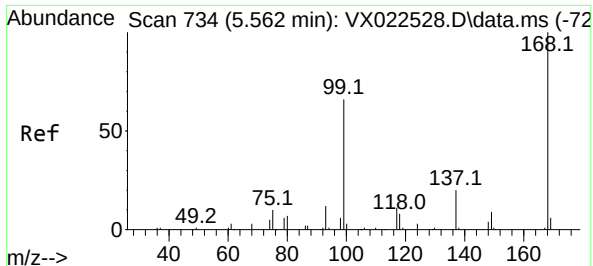
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
Data File : VX022550.D
Acq On : 07 Jun 2021 21:35
Operator : JC/MD
Sample : M2615-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 08 04:23:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

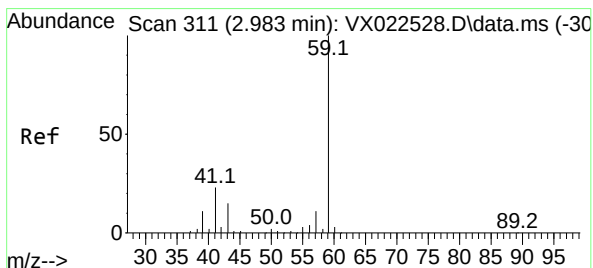
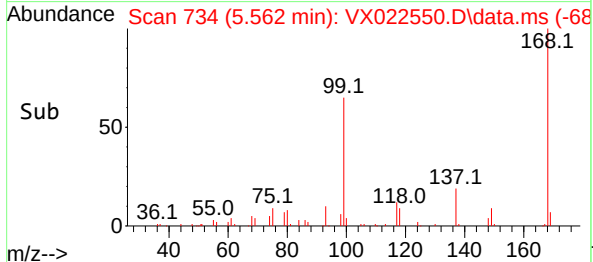
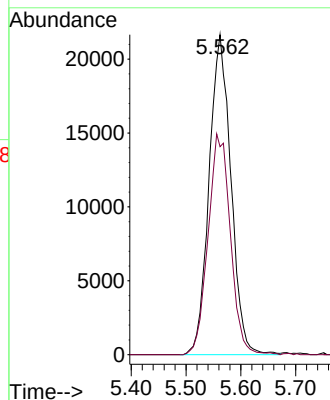
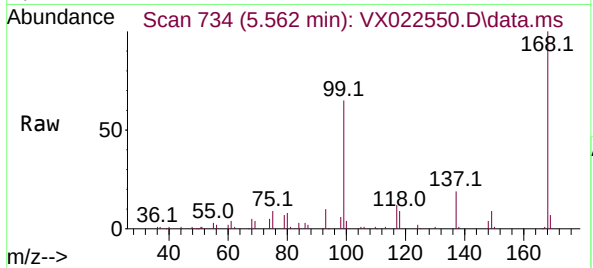




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

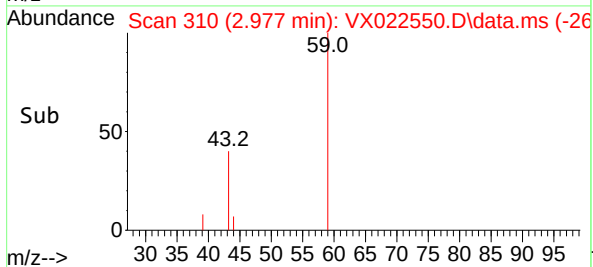
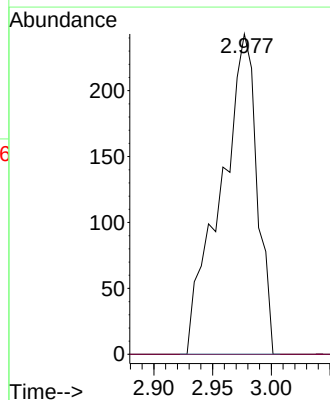
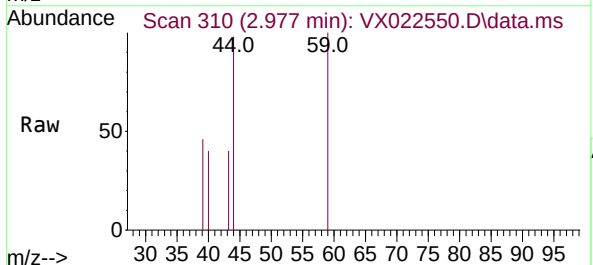
Instrument :
MSVOA_X
ClientSampleId :

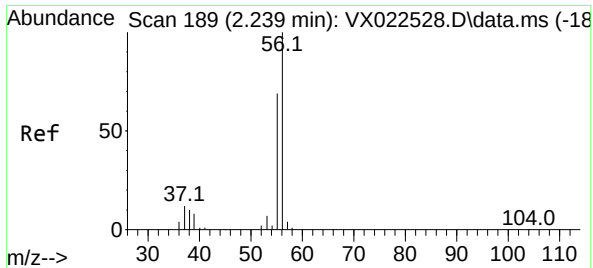
Tgt Ion:168 Resp: 59812
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 2.205 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

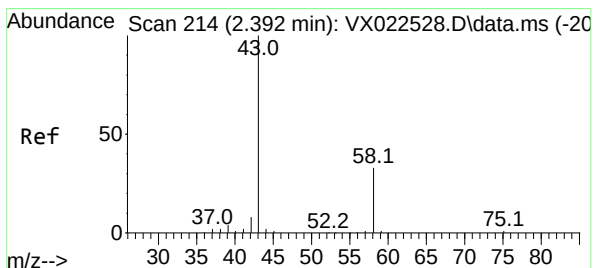
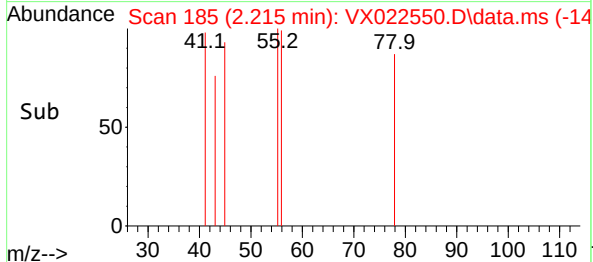
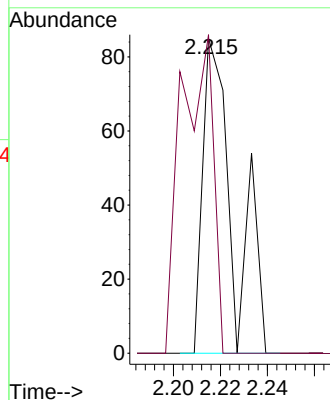
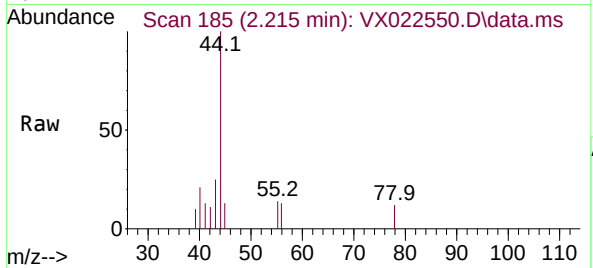




#13
Acrolein
Concen: 3.788 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

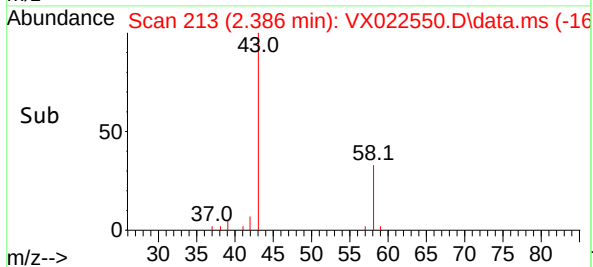
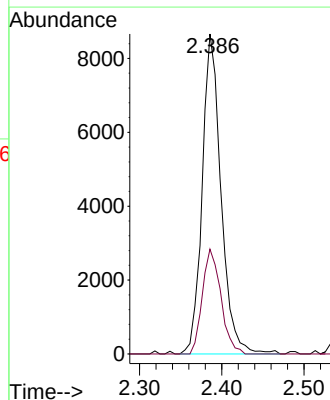
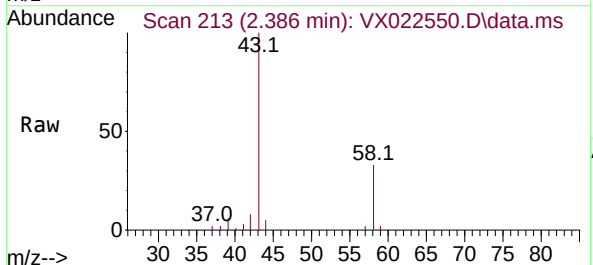
Instrument :
MSVOA_X
ClientSampleId :

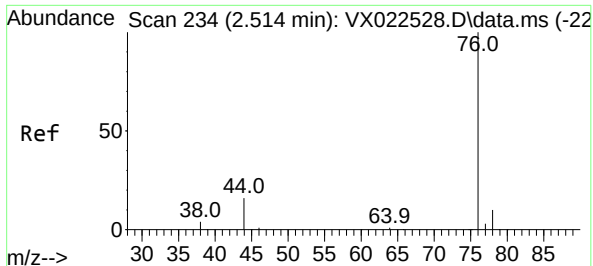
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
55 105.2 56.4 84.6#



#16
Acetone
Concen: 28.898 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 43 Resp: 13807
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8

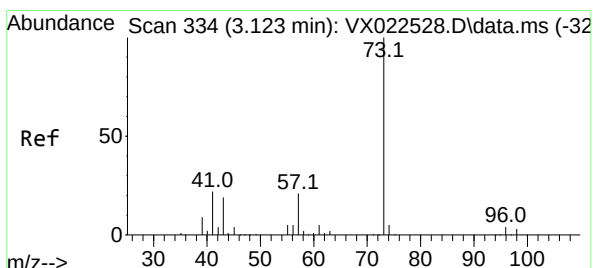
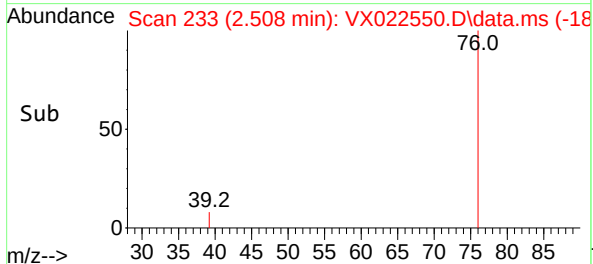
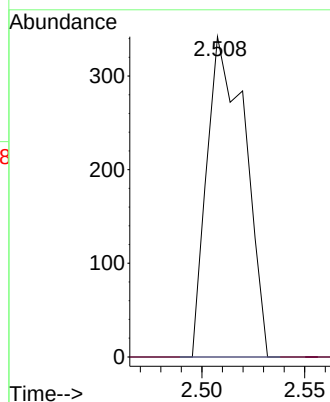
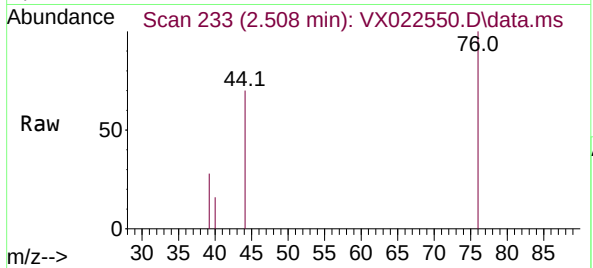




#17
Carbon Disulfide
Concen: 3.601 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

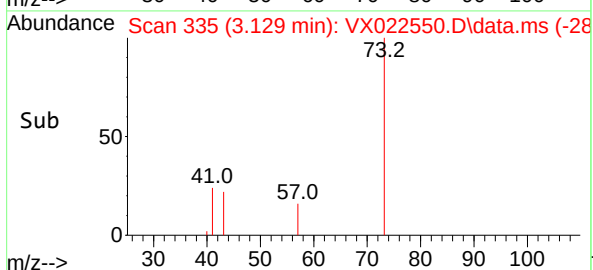
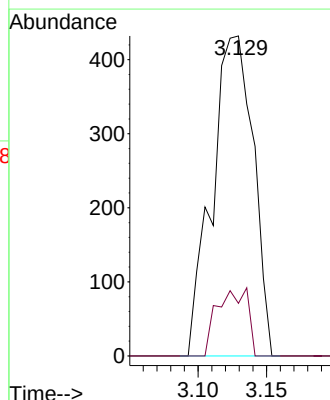
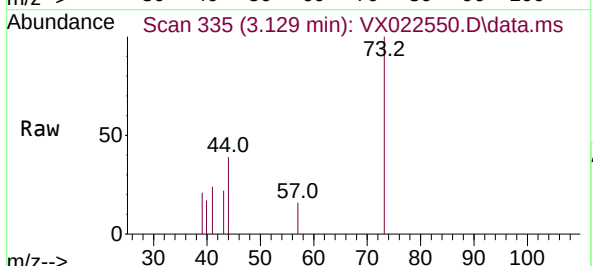
Instrument :
MSVOA_X
ClientSampleId :

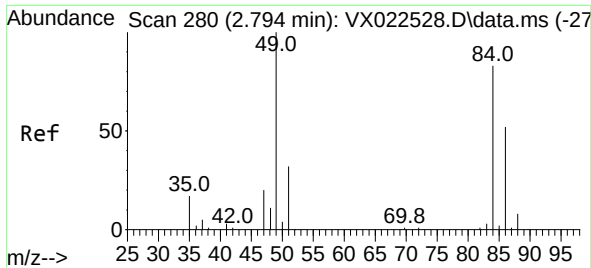
Tgt Ion: 76 Resp: 442
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.357 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 73 Resp: 904
Ion Ratio Lower Upper
73 100
57 16.4 17.1 25.7#

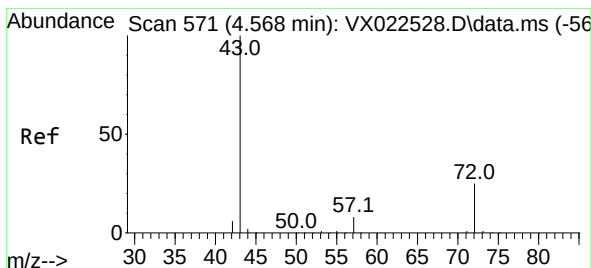
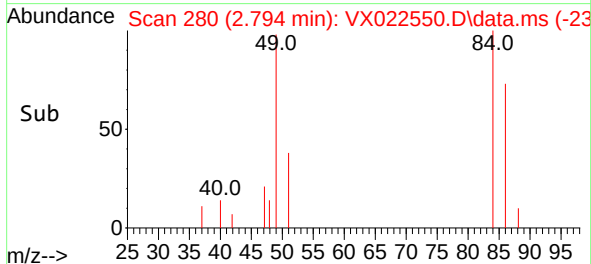
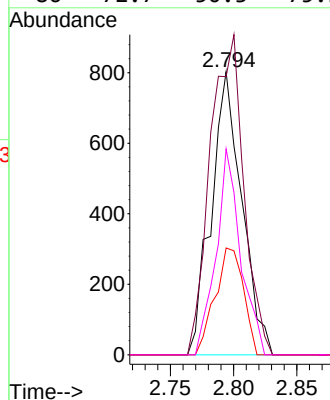
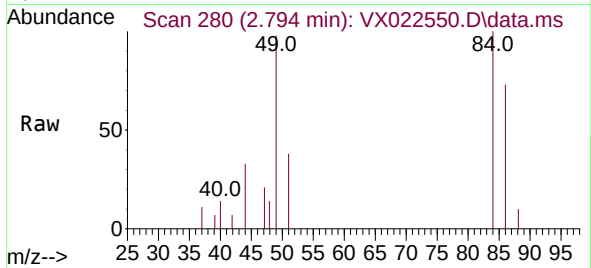




#20
Methylene Chloride
Concen: 1.354 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

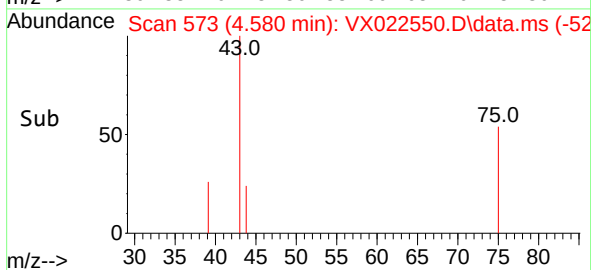
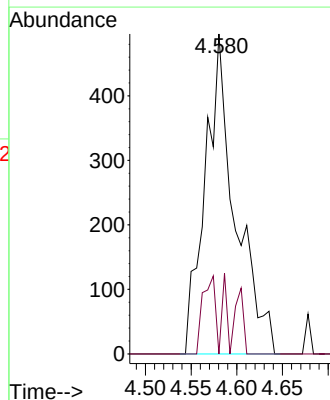
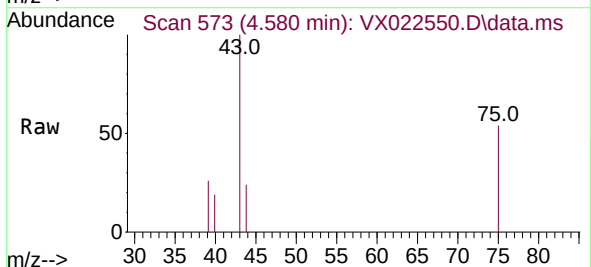
Instrument :
MSVOA_X
ClientSampleId :

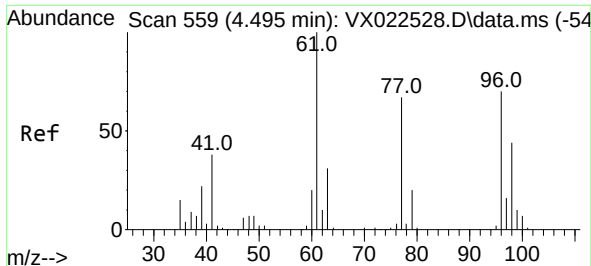
Tgt Ion: 84	Resp: 1351
Ion Ratio	Lower Upper
84 100	
49 98.3	88.6 132.8
51 37.7	27.0 40.6
86 72.7	50.3 75.5



#25
2-Butanone
Concen: 1.442 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 43	Resp: 1139
Ion Ratio	Lower Upper
43 100	
72 0.0	23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.470 ug/l

RT: 4.495 min Scan# 559

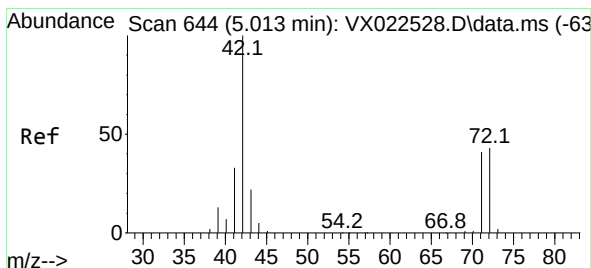
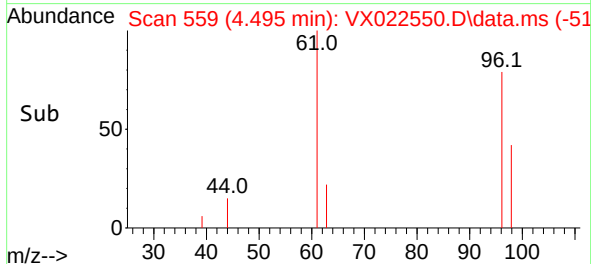
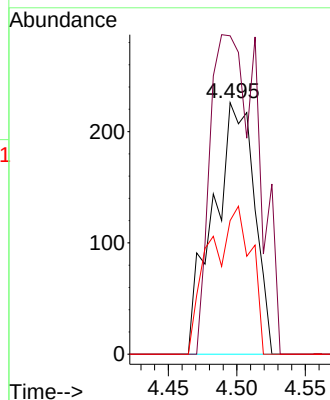
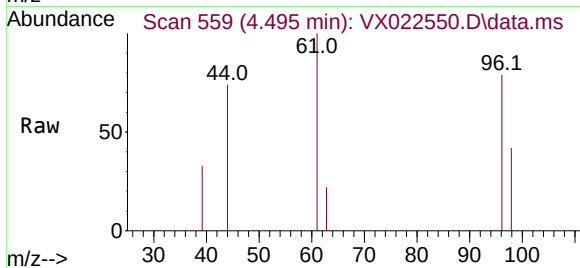
Delta R.T. 0.000 min

Lab File: VX022550.D

Acq: 07 Jun 2021 21:35

Tgt Ion: 96 Resp: 471

Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	285.6
98	59.9	0.0	129.6



#29

Tetrahydrofuran

Concen: 1.081 ug/l

RT: 5.038 min Scan# 648

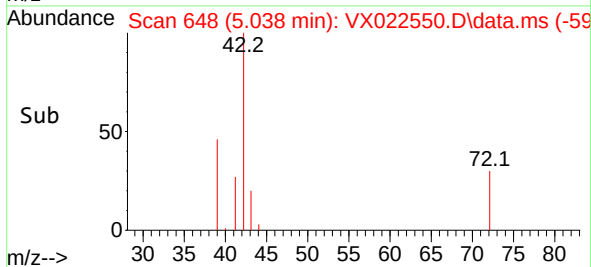
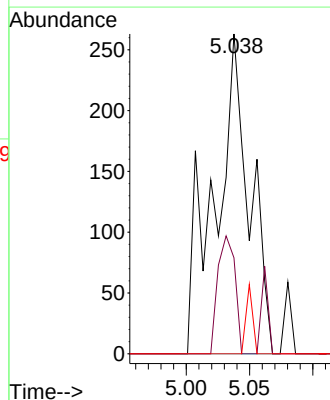
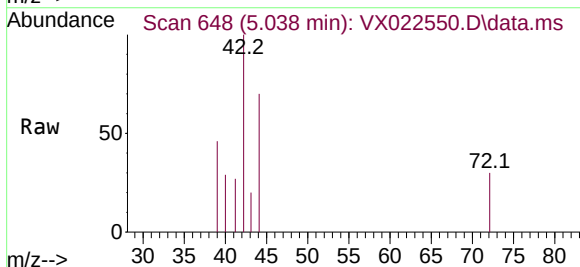
Delta R.T. 0.025 min

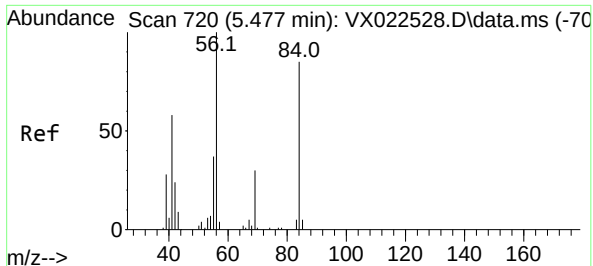
Lab File: VX022550.D

Acq: 07 Jun 2021 21:35

Tgt Ion: 42 Resp: 501

Ion	Ratio	Lower	Upper
42	100		
72	18.2	41.7	62.5#
71	0.0	38.4	57.6#

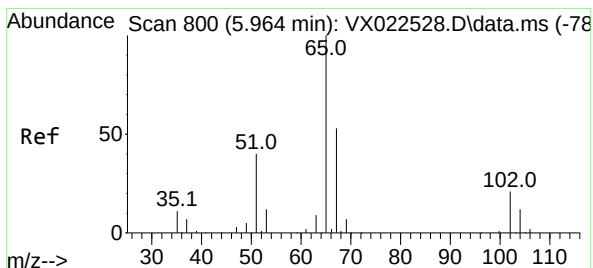
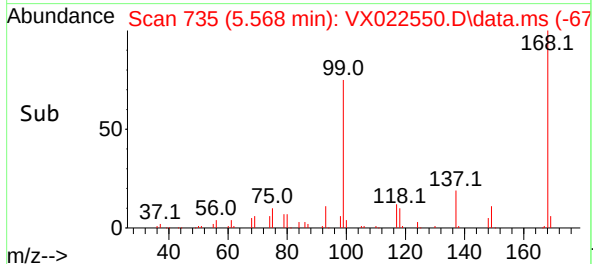
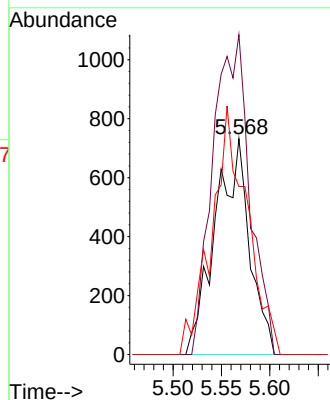
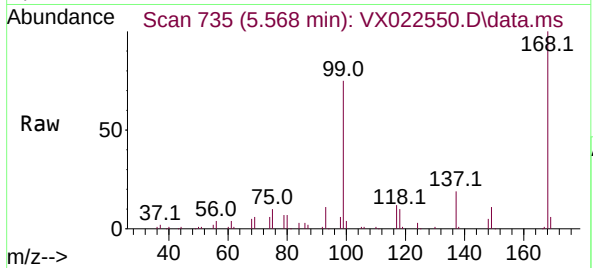




#31
Cyclohexane
Concen: 1.438 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

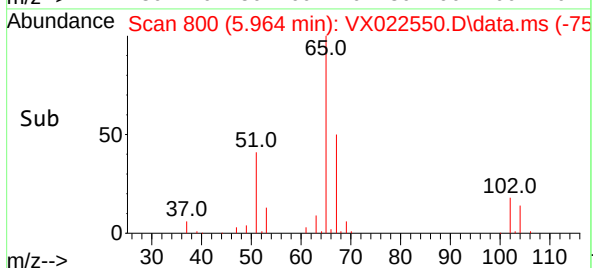
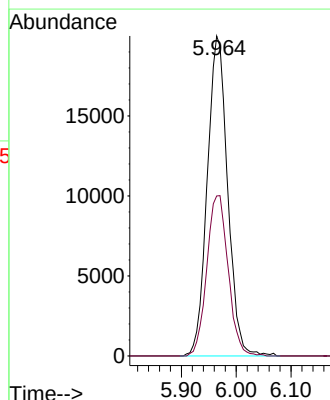
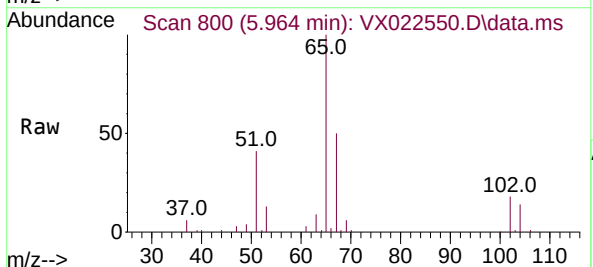
Instrument :
MSVOA_X
ClientSampled :

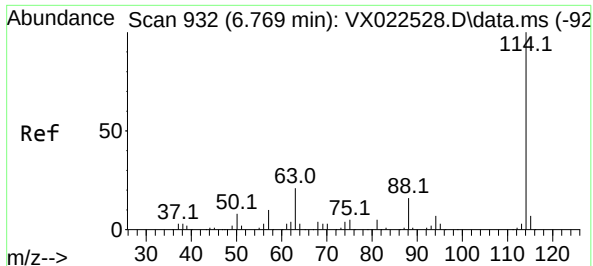
Tgt Ion: 56 Resp: 1809
Ion Ratio Lower Upper
56 100
69 148.2 25.3 37.9#
84 77.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.483 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 65 Resp: 51552
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

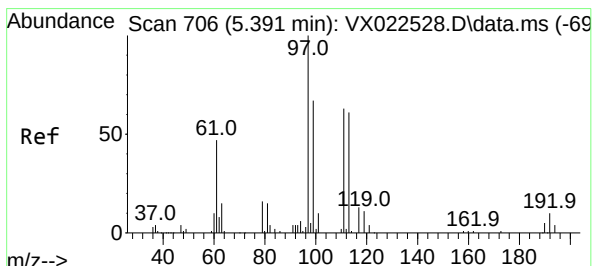
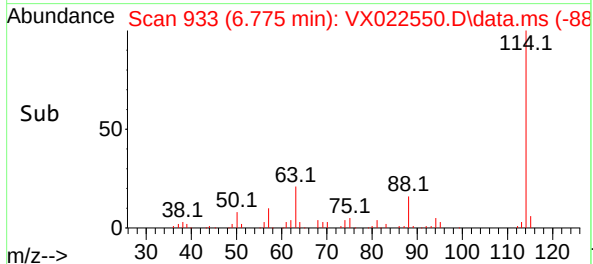
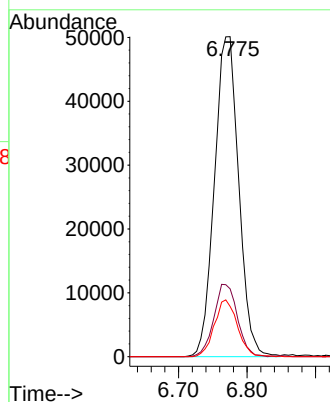
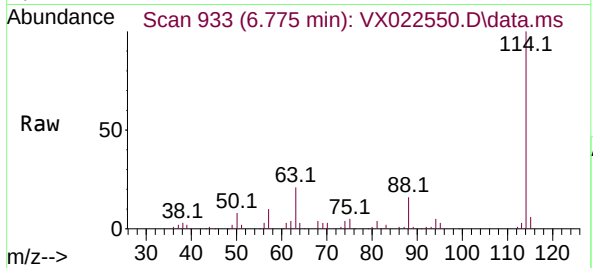




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

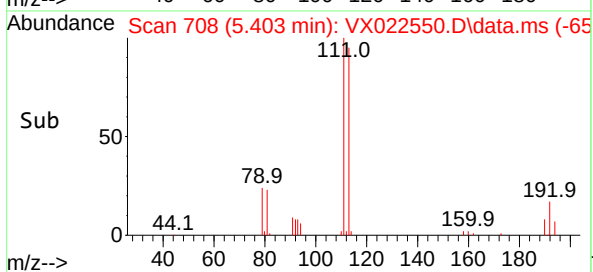
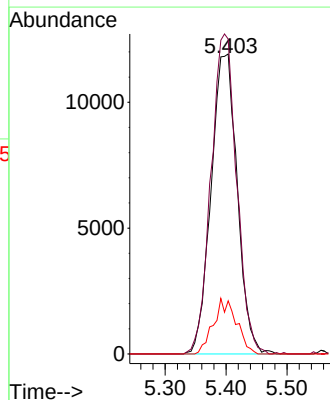
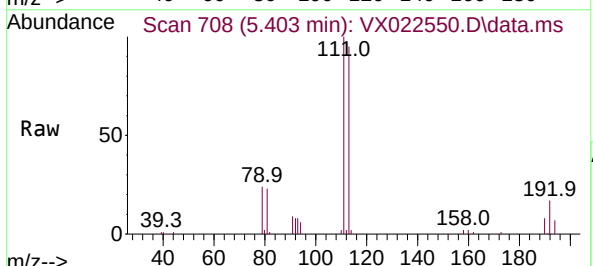
Instrument :
MSVOA_X
ClientSampled :

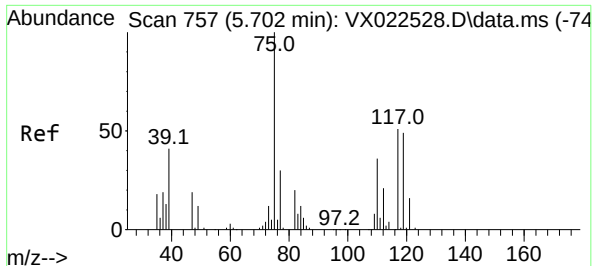
Tgt Ion:114 Resp: 123025
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.270 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

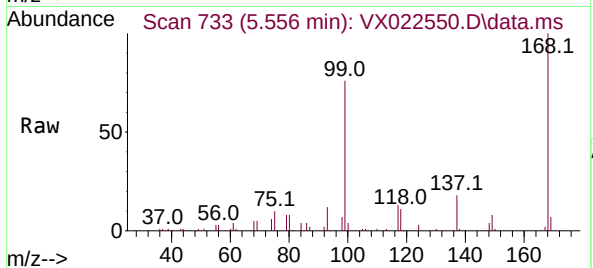
Tgt Ion:113 Resp: 35615
Ion Ratio Lower Upper
113 100
111 104.6 81.9 122.9
192 16.2 16.7 25.1#



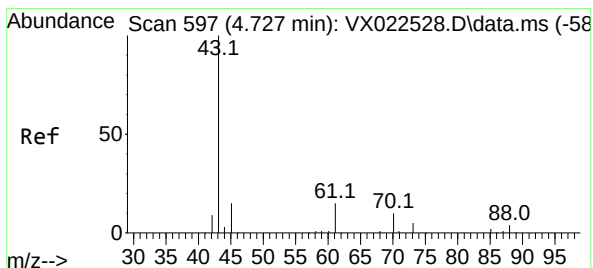
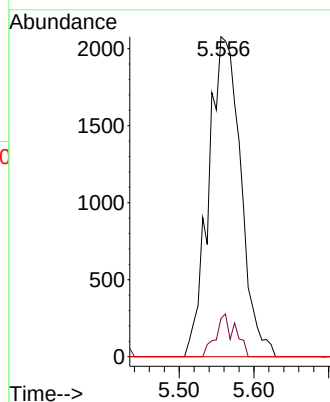
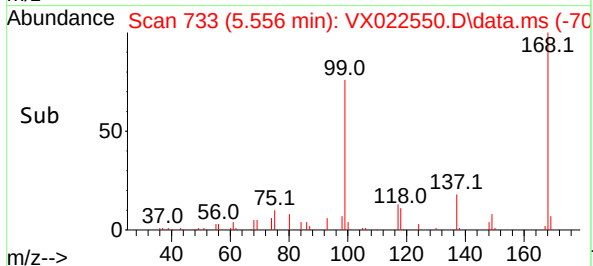


#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

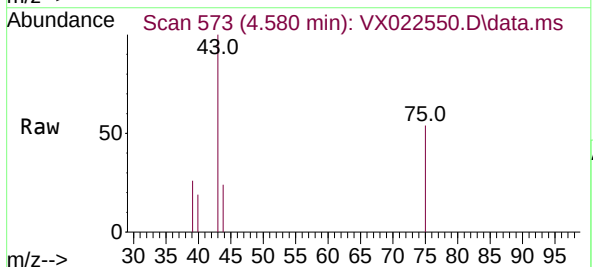
Instrument :
MSVOA_X
ClientSampleId :



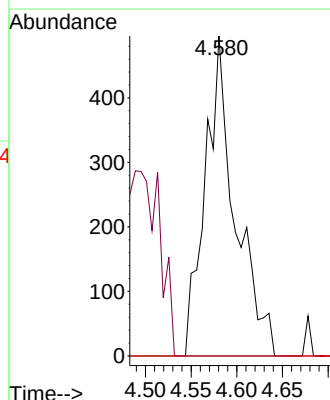
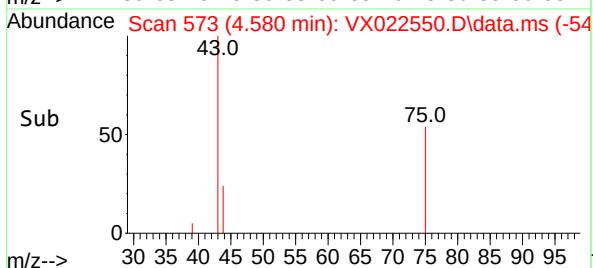
Tgt Ion: 75 Resp: 6203
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

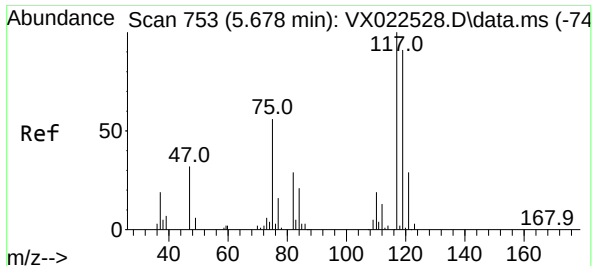


#37
Ethyl Acetate
Concen: 0.746 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35



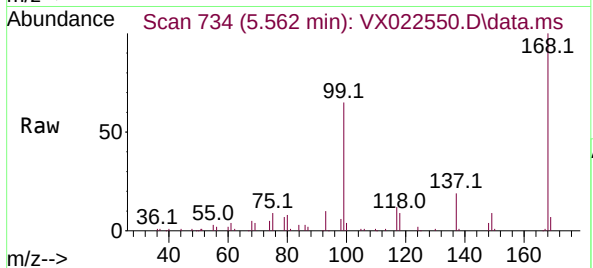
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



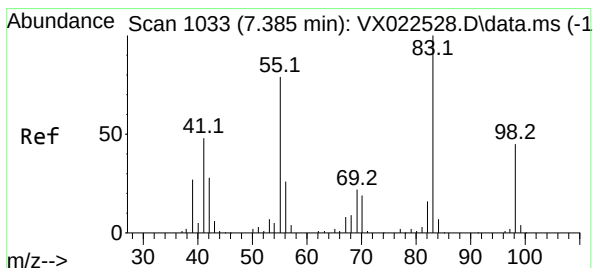
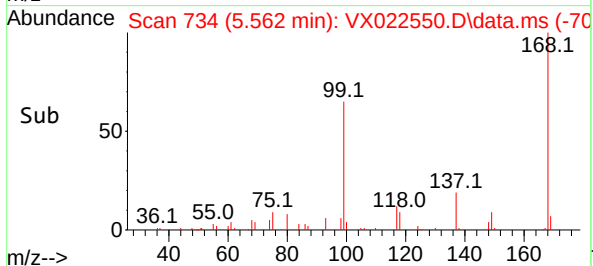
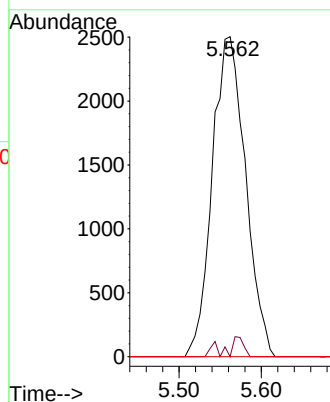


#38
Carbon Tetrachloride
Concen: 8.186 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Instrument :
MSVOA_X
ClientSampled :

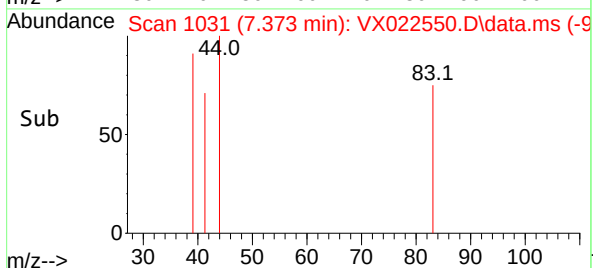
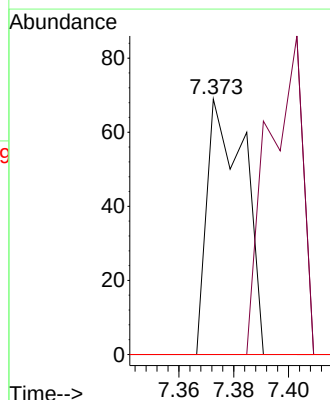
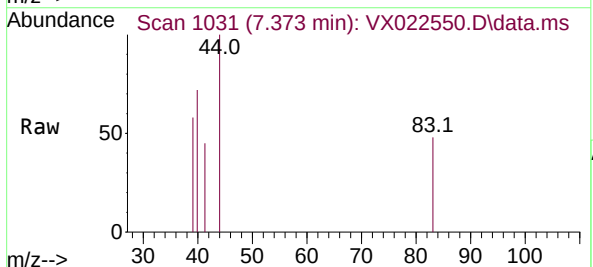


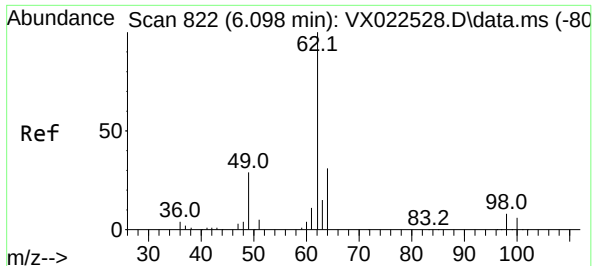
Tgt Ion:117 Resp: 7041
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.890 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 83 Resp: 65
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.0 38.1 57.1#





#42

1,2-Dichloroethane

Concen: 0.287 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.000 min

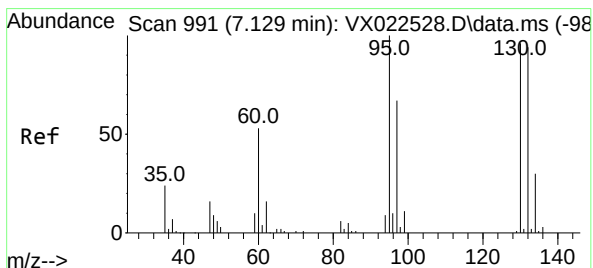
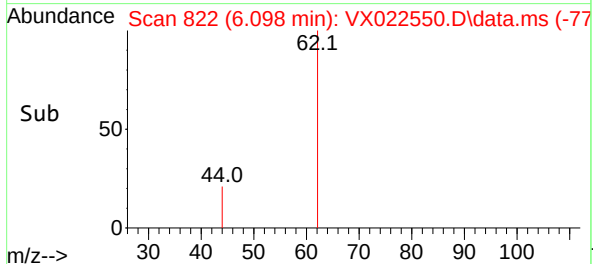
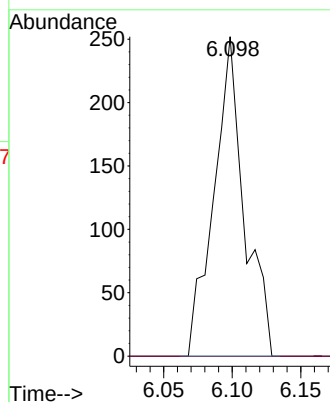
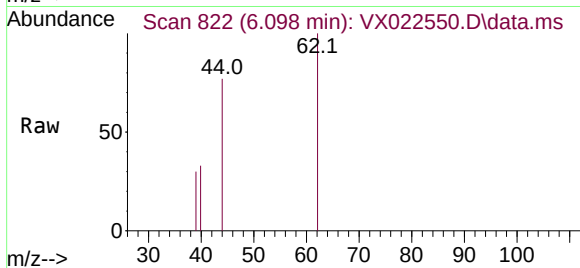
Lab File: VX022550.D

Acq: 07 Jun 2021 21:35

Tgt Ion: 62 Resp: 388

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2



#44

Trichloroethene

Concen: 0.406 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

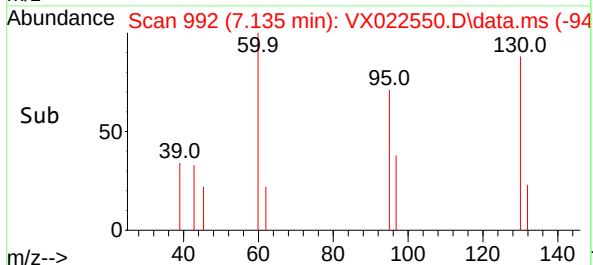
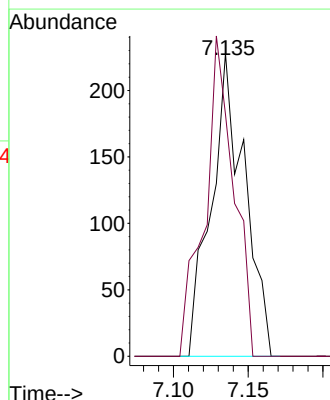
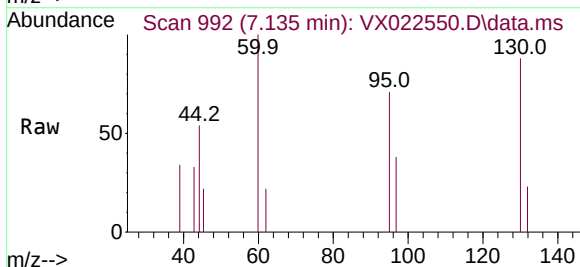
Lab File: VX022550.D

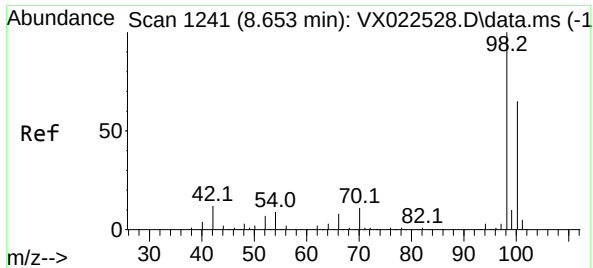
Acq: 07 Jun 2021 21:35

Tgt Ion: 130 Resp: 352

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	79.8	0.0	198.0

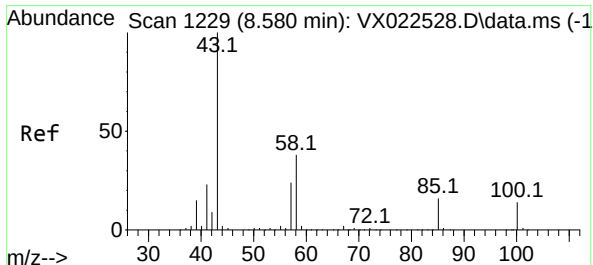
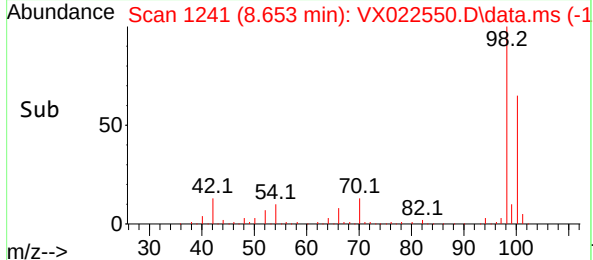
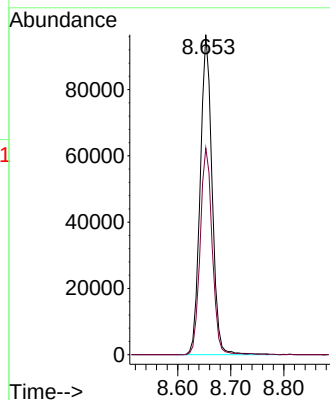
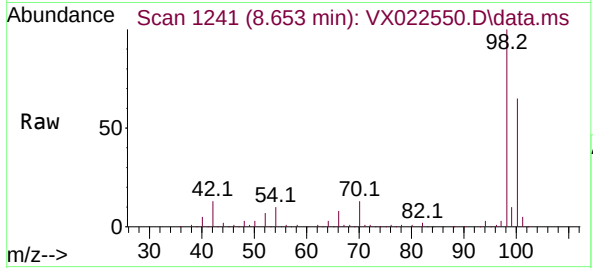




#50
Toluene-d8
Concen: 48.836 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

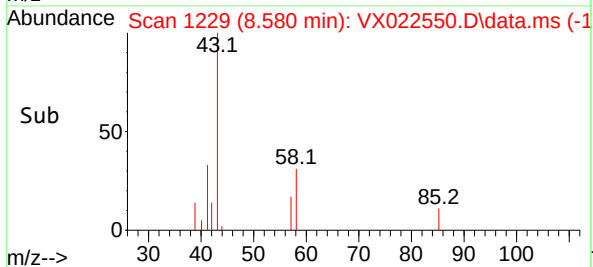
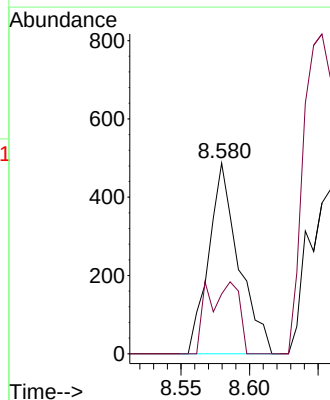
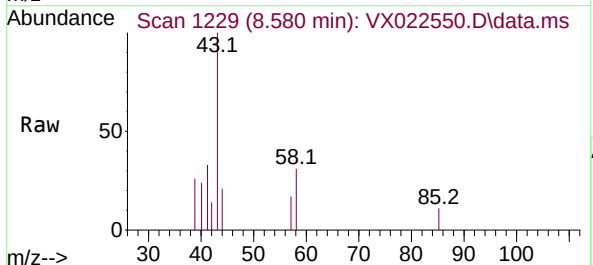
Instrument :
MSVOA_X
ClientSampled :

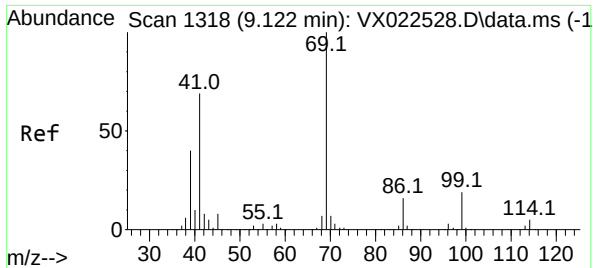
Tgt Ion: 98 Resp: 149987
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.482 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 38.8 35.4 53.0

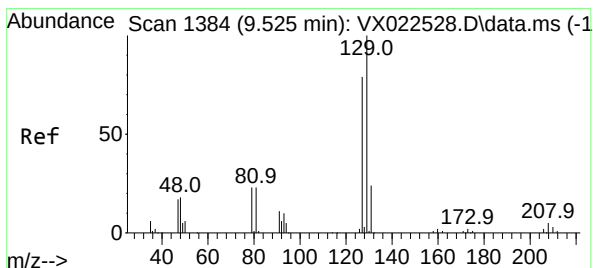
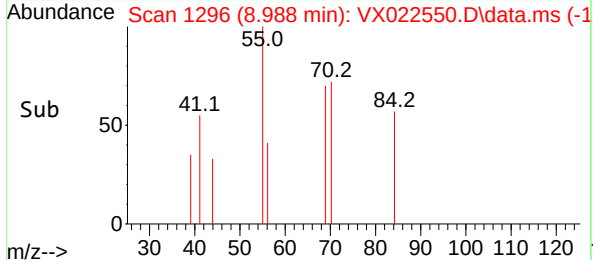
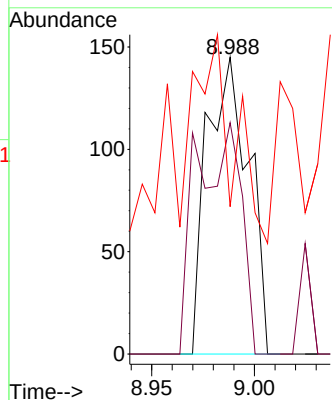
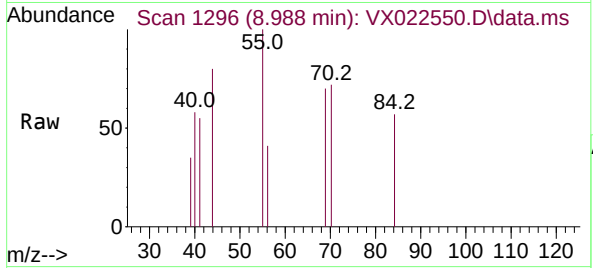




#56
Ethyl methacrylate
Concen: 2.817 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. -0.134 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

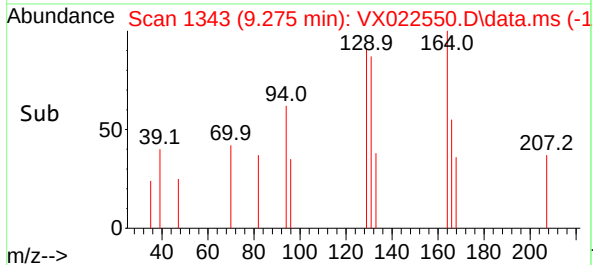
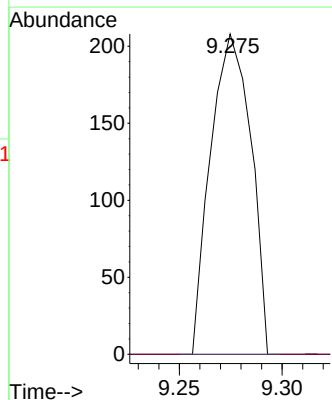
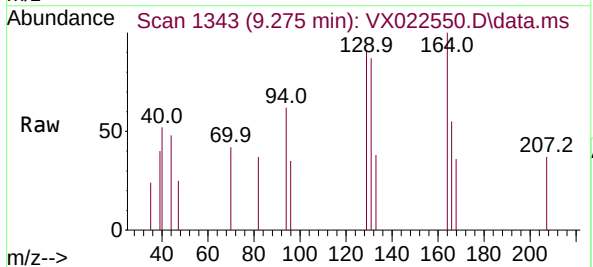
Instrument :
MSVOA_X
ClientSampled :

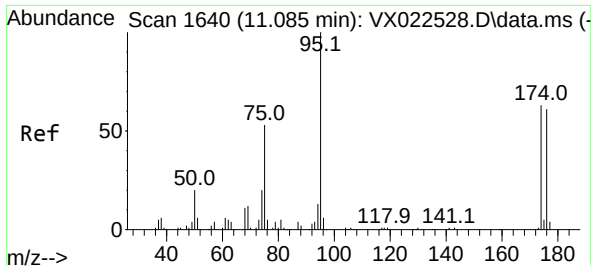
Tgt Ion: 69 Resp: 205
Ion Ratio Lower Upper
69 100
41 82.4 46.8 70.2#
39 155.1 24.7 37.1#



#60
Dibromochloromethane
Concen: 3.866 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion:129 Resp: 284
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

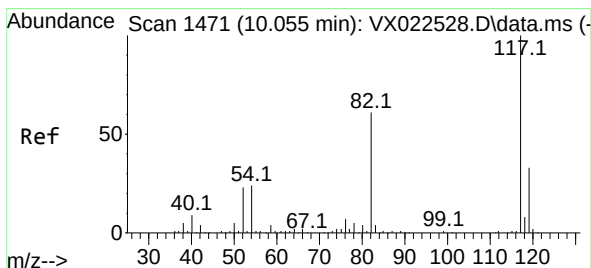
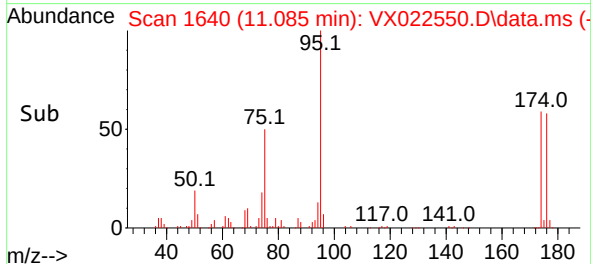
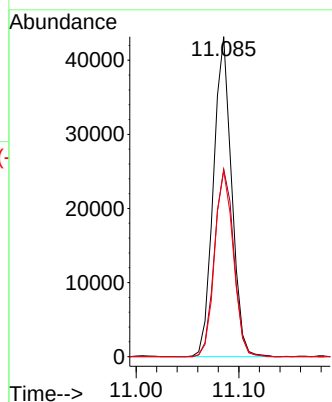
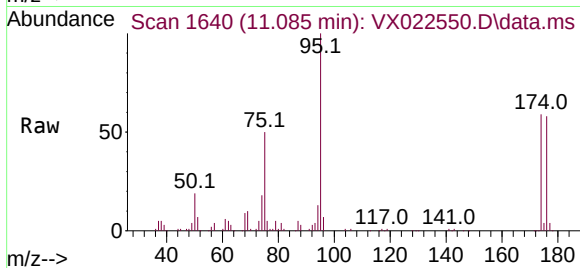




#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

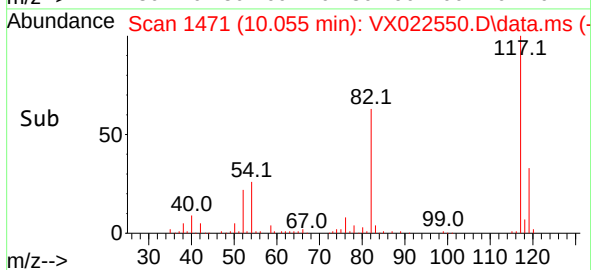
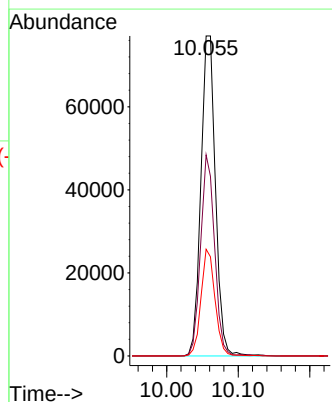
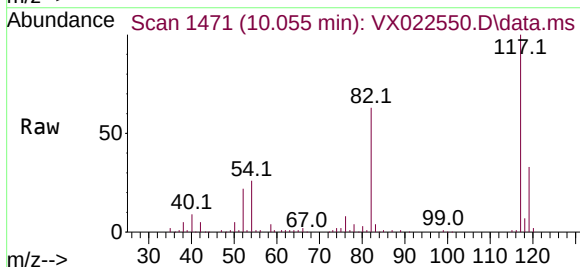
Instrument :
MSVOA_X
ClientSampleId :

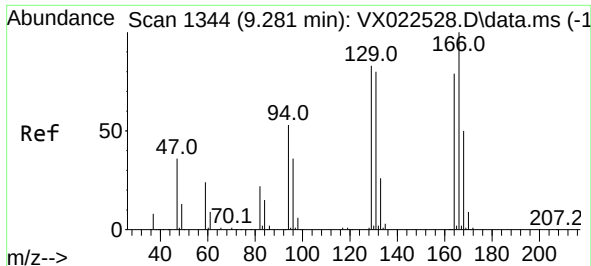
Tgt Ion: 95 Resp: 53145
Ion Ratio Lower Upper
95 100
174 61.9 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

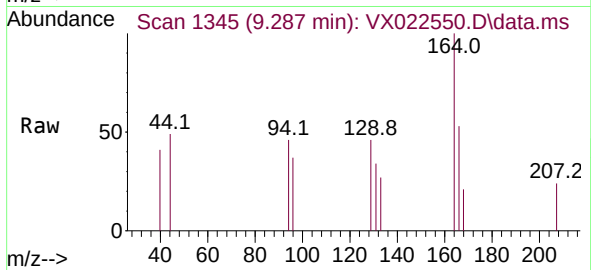
Tgt Ion: 117 Resp: 109032
Ion Ratio Lower Upper
117 100
82 62.8 47.4 71.2
119 33.3 26.6 39.8



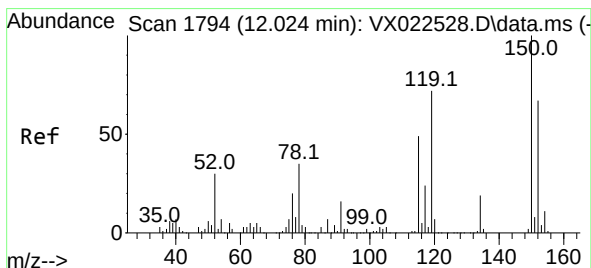
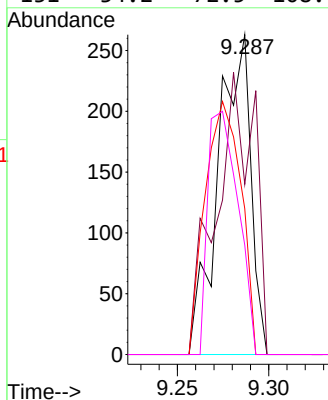
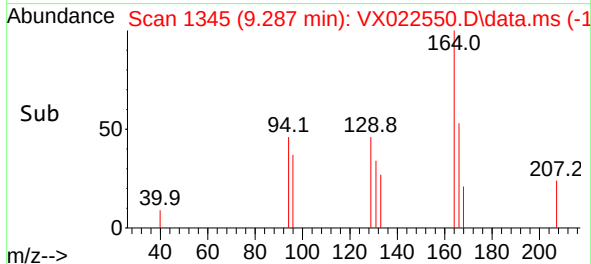


#64
Tetrachloroethene
Concen: 0.451 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. 0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

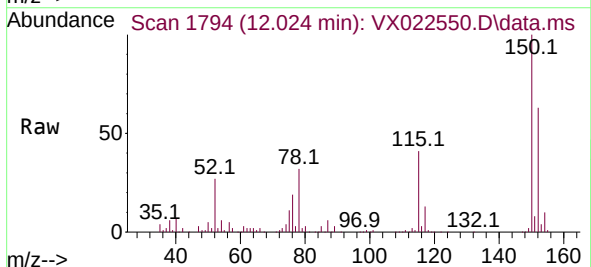
Instrument :
MSVOA_X
ClientSampleId :



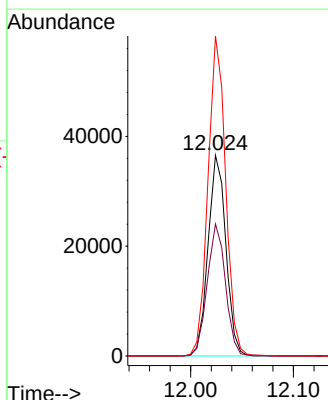
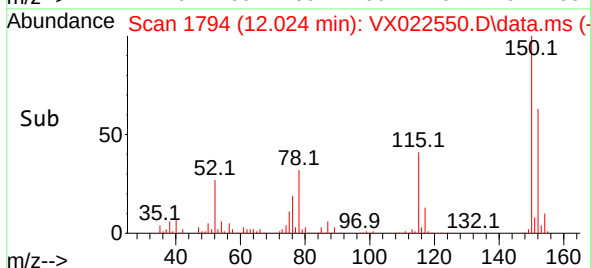
Tgt Ion:164 Resp: 329
Ion Ratio Lower Upper
164 100
166 53.2 103.4 155.2#
129 45.6 70.8 106.2#
131 34.2 72.5 108.7#

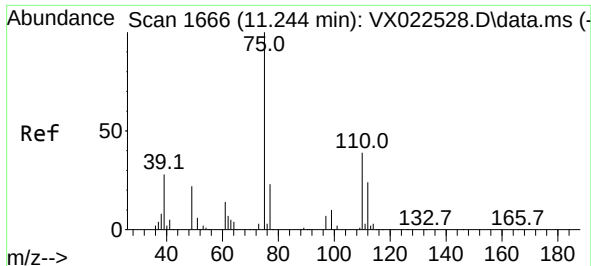


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35



Tgt Ion:152 Resp: 44072
Ion Ratio Lower Upper
152 100
115 67.2 41.1 123.3
150 157.5 0.0 349.0

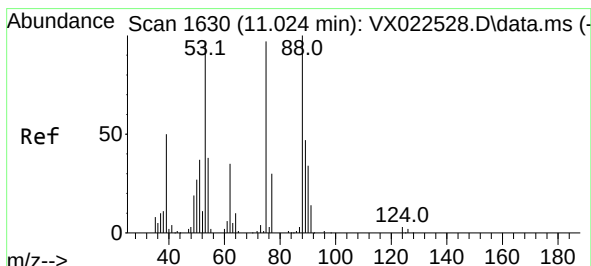
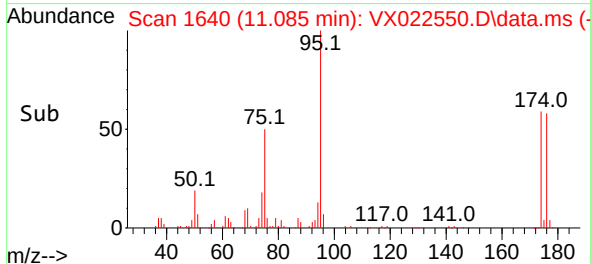
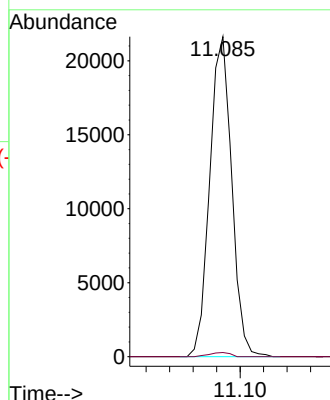
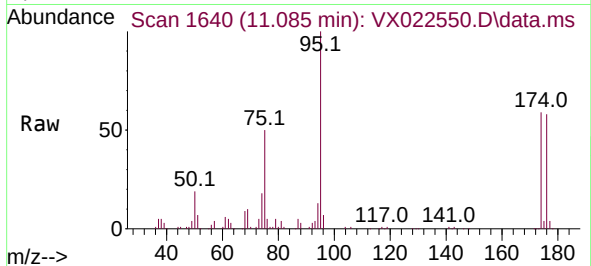




#76
1,2,3-Trichloropropane
Concen: 24.612 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

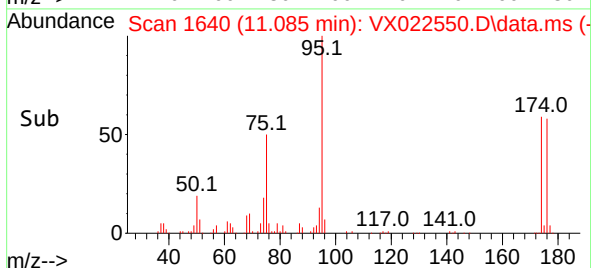
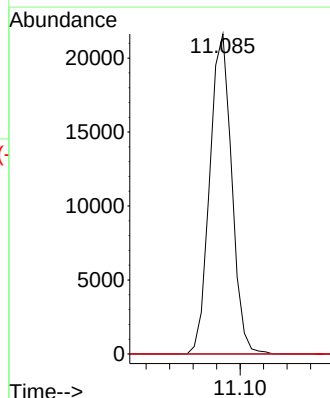
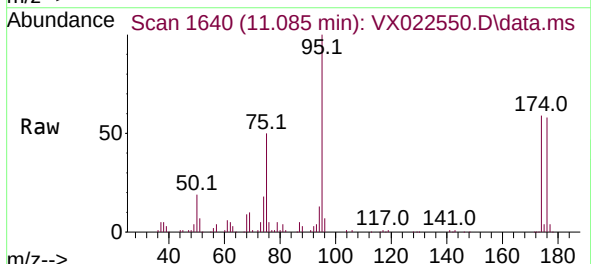
Instrument :
MSVOA_X
ClientSampleId :

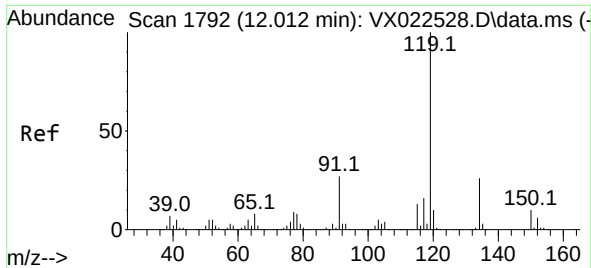
Tgt Ion: 75 Resp: 28100
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.995 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

Tgt Ion: 75 Resp: 28100
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

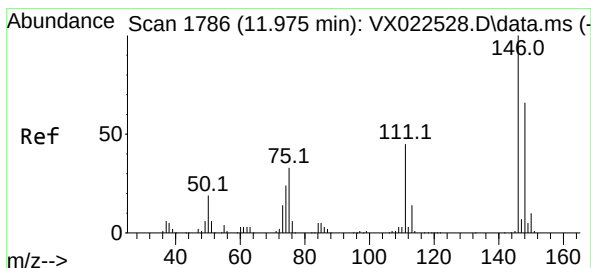
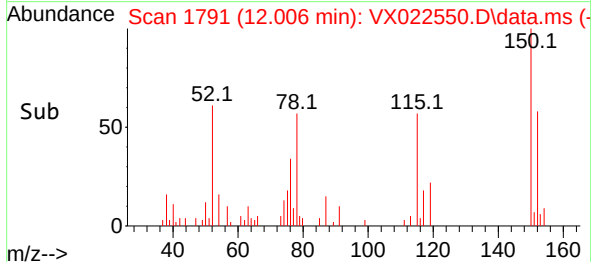
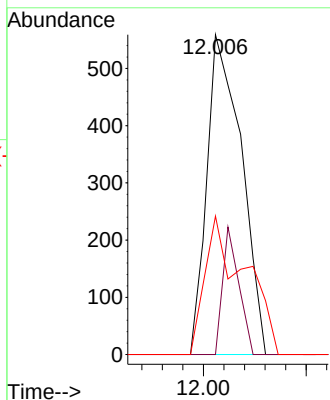
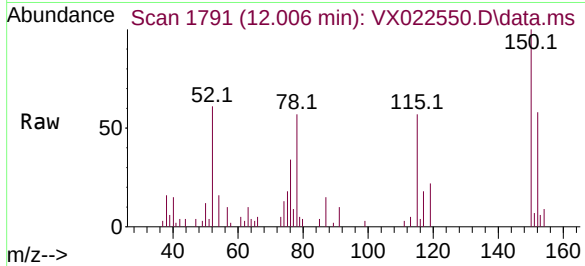




#86
p-Isopropyltoluene
Concen: 0.217 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

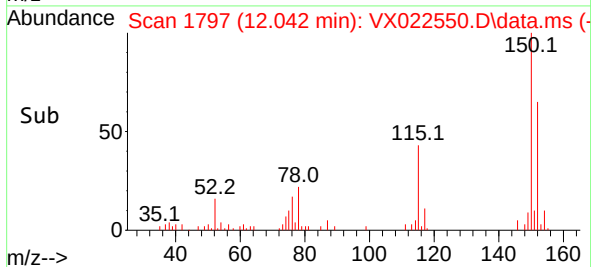
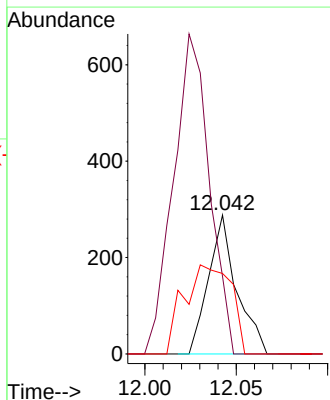
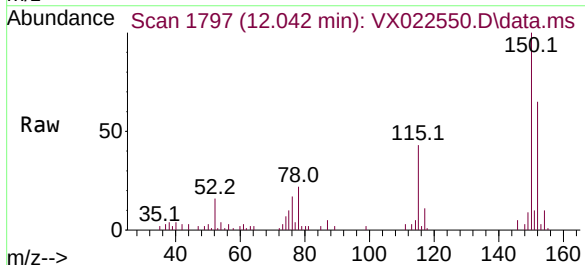
Instrument :
MSVOA_X
ClientSampled :

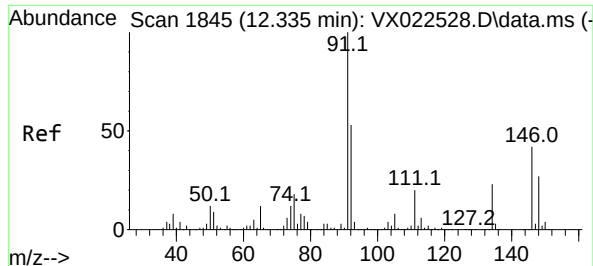
Tgt Ion:119 Resp: 652
Ion Ratio Lower Upper
119 100
134 18.6 12.9 38.7
91 50.2 11.7 35.0#



#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.067 min
Lab File: VX022550.D
Acq: 07 Jun 2021 21:35

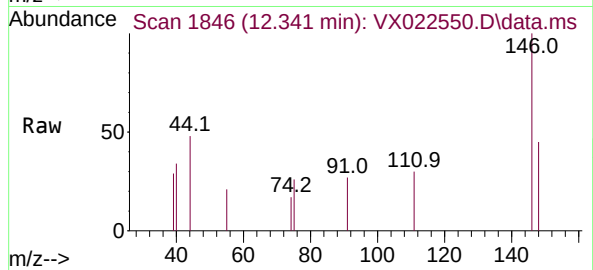
Tgt Ion:146 Resp: 309
Ion Ratio Lower Upper
146 100
111 293.9 20.2 60.5#
148 107.1 31.9 95.7#





#91
 1,2-Dichlorobenzene
 Concen: 0.366 ug/l
 RT: 12.341 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VX022550.D
 Acq: 07 Jun 2021 21:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	146	Resp:	522
Ion	Ratio	Lower	Upper
146	100		
111	30.5	20.8	62.2
148	46.9	31.9	95.5

