

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022357.D
 Acq On : 03 Jun 2021 11:39
 Operator : JC/MD
 Sample : M2560-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 13:05:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

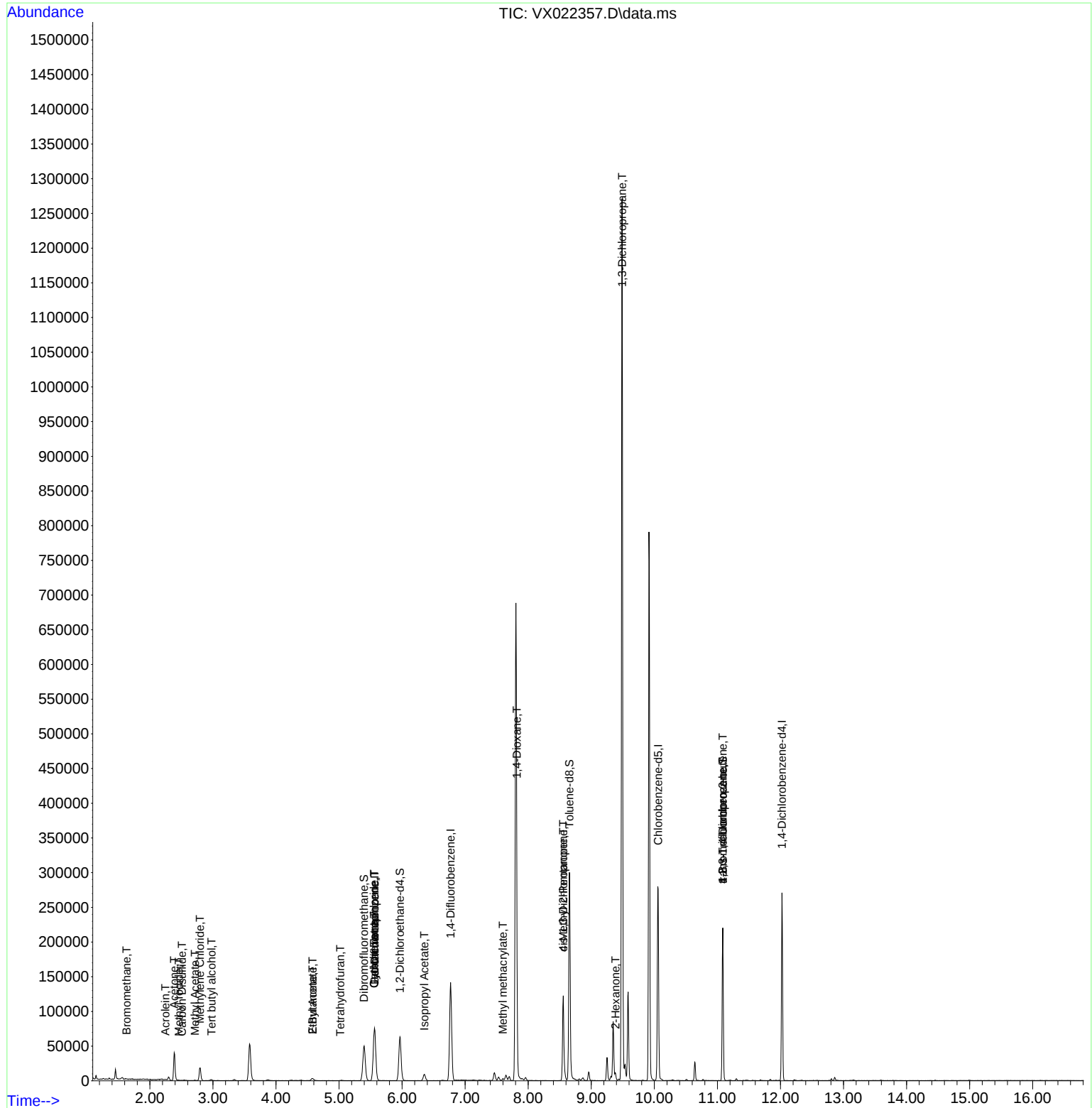
Internal Standards						
1) Pentafluorobenzene	5.562	168	65824	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	139377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56690	55.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.66%		
35) Dibromofluoromethane	5.397	113	41828	47.32	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.64%		
50) Toluene-d8	8.653	98	171880	50.48	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.96%		
62) 4-Bromofluorobenzene	11.085	95	59115	46.97	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.94%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	278	0.52	ug/l	# 44
10) Methyl Iodide	2.459	142	380	0.45	ug/l	# 71
11) Tert butyl alcohol	2.977	59	1710	7.36	ug/l	# 88
13) Acrolein	2.245	56	146	0.95	ug/l	# 31
16) Acetone	2.386	43	41061	92.87	ug/l	98
17) Carbon Disulfide	2.507	76	504	0.26	ug/l	# 75
18) Methyl Acetate	2.715	43	896	0.76	ug/l	90
20) Methylene Chloride	2.794	84	8467	8.63	ug/l	# 88
25) 2-Butanone	4.580	43	5917	8.27	ug/l	97
29) Tetrahydrofuran	5.019	42	106	0.25	ug/l	# 58
31) Cyclohexane	5.556	56	1697	1.33	ug/l	# 20
36) 1,1-Dichloropropene	5.562	75	6303	4.89	ug/l	# 47
37) Ethyl Acetate	4.580	43	5917	3.75	ug/l	# 64
38) Carbon Tetrachloride	5.556	117	7563	6.00	ug/l	# 17
43) Isopropyl Acetate	6.354	43	12373	4.79	ug/l	94
48) Methyl methacrylate	7.598	41	3434	2.88	ug/l	# 10
49) 1,4-Dioxane	7.818	88	19	0.82	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	44486	28.74	ug/l	# 48
54) cis-1,3-Dichloropropene	8.555	75	18665	10.95	ug/l	# 67
57) 1,3-Dichloropropane	9.488	76	10883	6.25	ug/l	# 42
59) 2-Hexanone	9.384	43	5365	4.61	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	30908	25.91	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	30908	61.38	ug/l	# 12

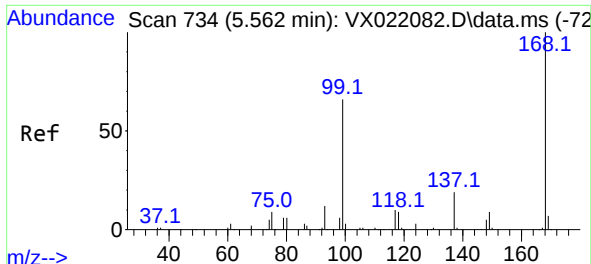
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 03 13:05:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

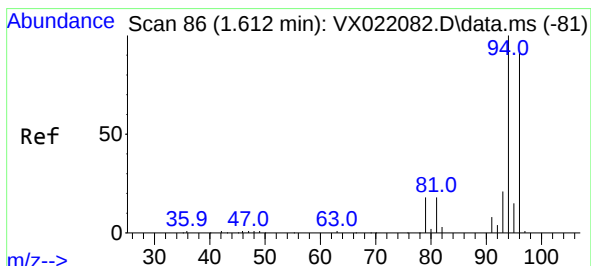
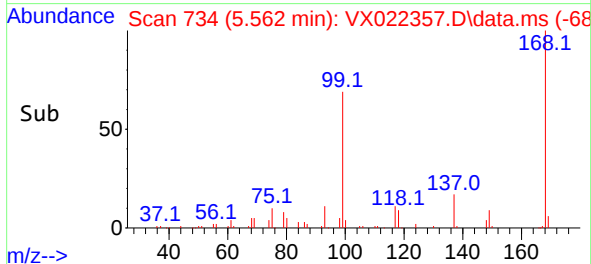
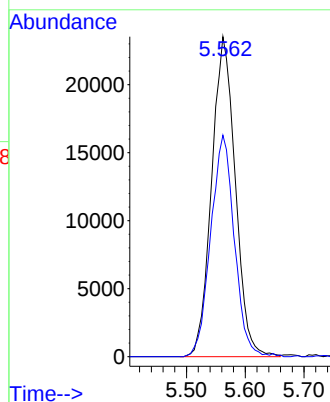
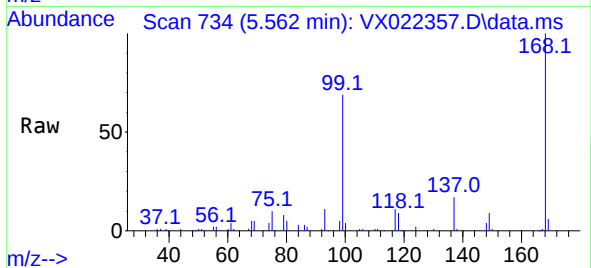




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

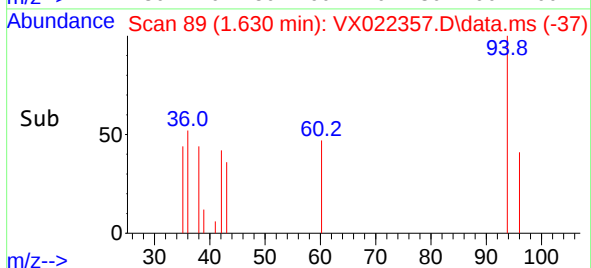
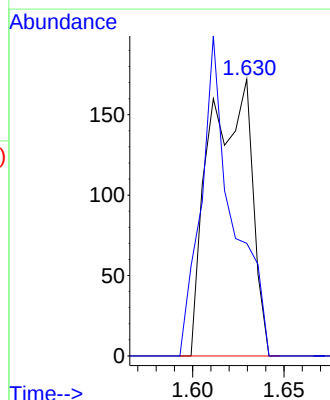
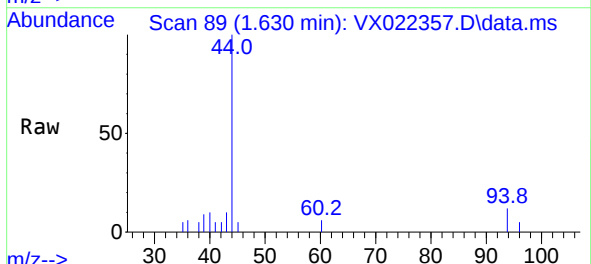
Instrument :
MSVOA_X
ClientSampleId :

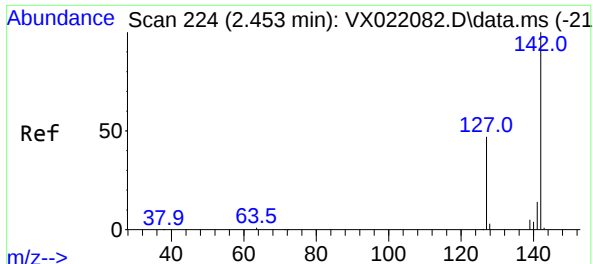
Tgt Ion:168 Resp: 65824
Ion Ratio Lower Upper
168 100
99 69.2 45.8 68.6#



#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

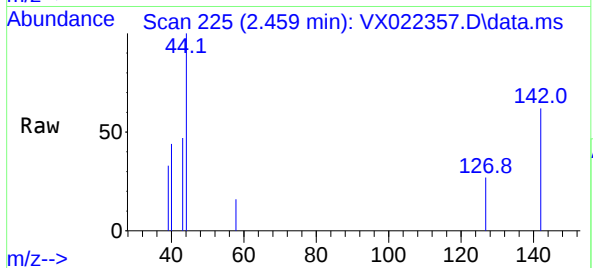
Tgt Ion: 94 Resp: 278
Ion Ratio Lower Upper
94 100
96 40.7 76.4 114.6#



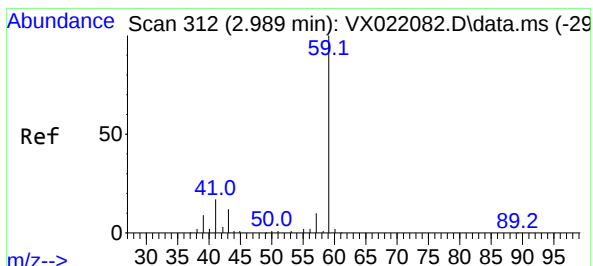
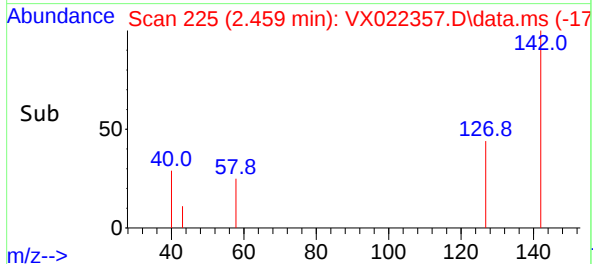
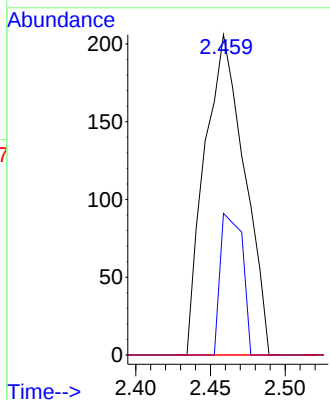


#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Instrument :
MSVOA_X
ClientSampled :

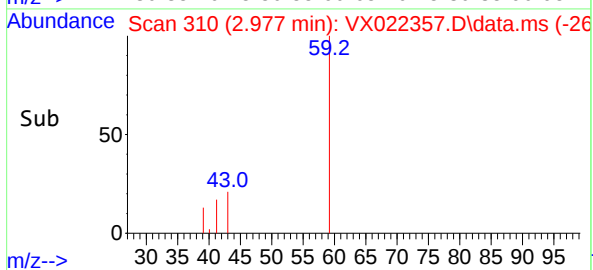
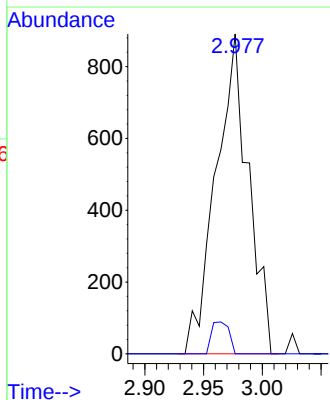
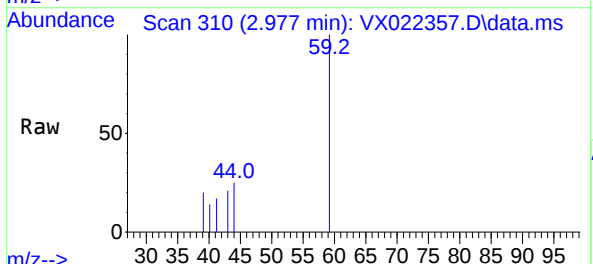


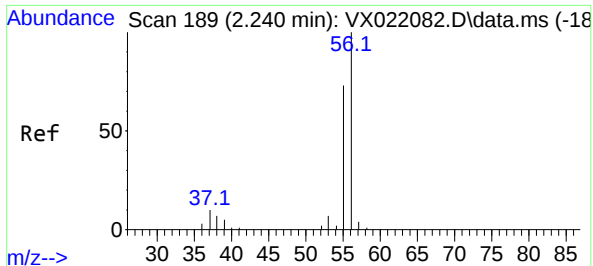
Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 24.5 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 7.36 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 59 Resp: 1710
Ion Ratio Lower Upper
59 100
57 5.4 7.8 11.8#

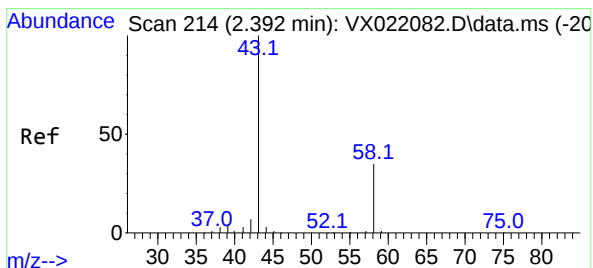
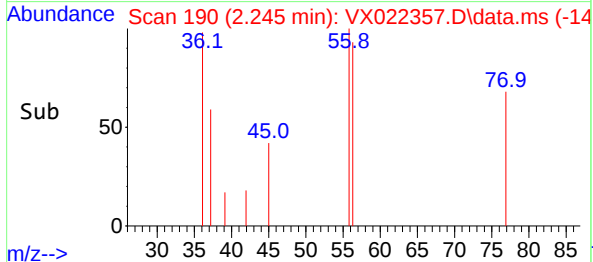
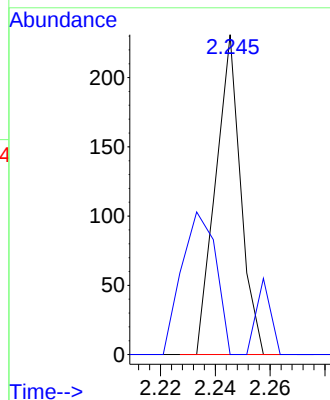
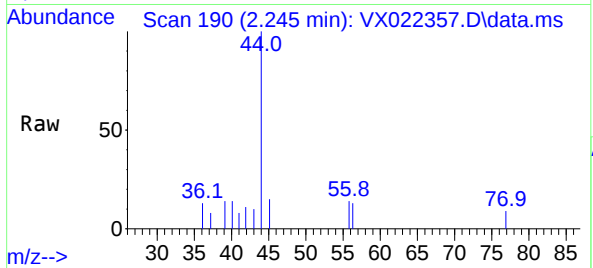




#13
Acrolein
Concen: 0.95 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

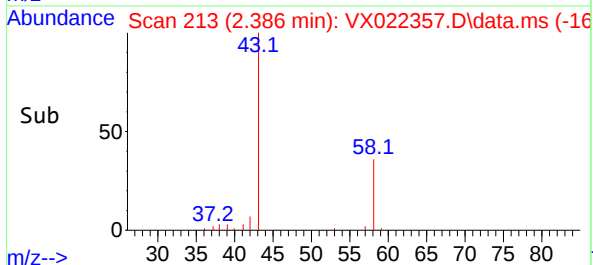
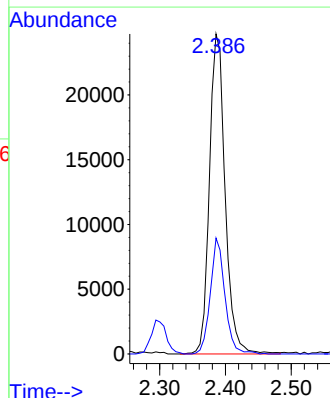
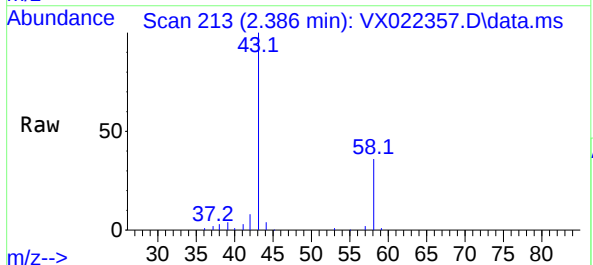
Instrument :
MSVOA_X
ClientSampled :

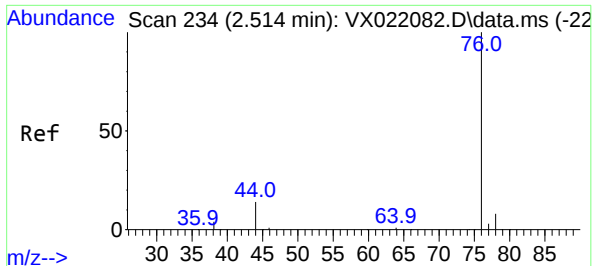
Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 13.7 56.4 84.6#



#16
Acetone
Concen: 92.87 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 43 Resp: 41061
Ion Ratio Lower Upper
43 100
58 36.2 27.8 41.8

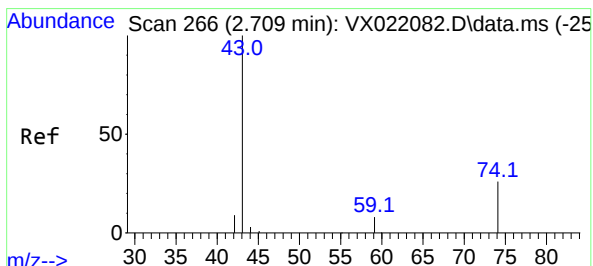
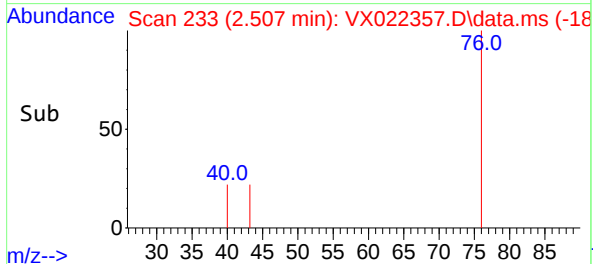
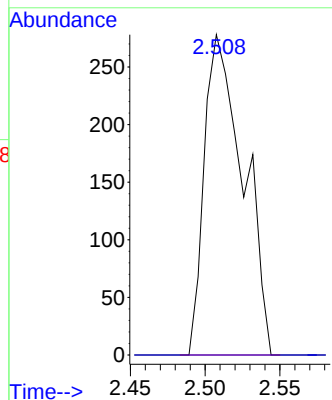
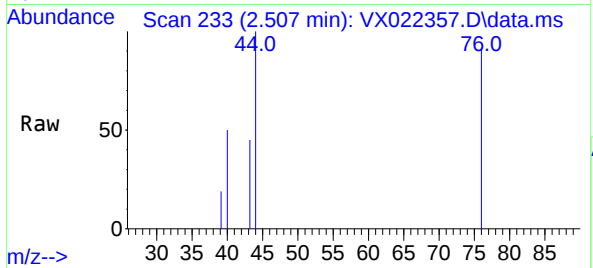




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

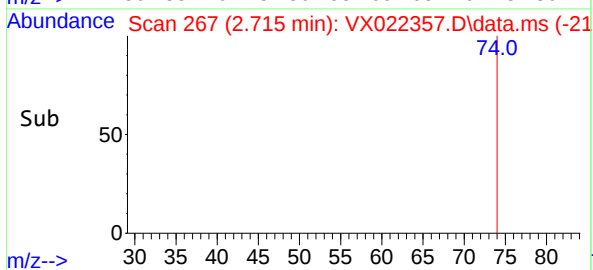
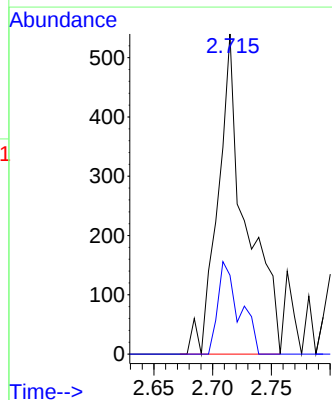
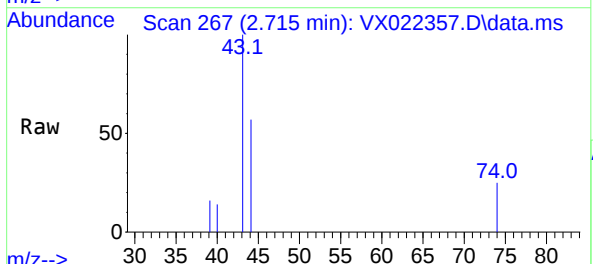
Instrument :
MSVOA_X
ClientSampled :

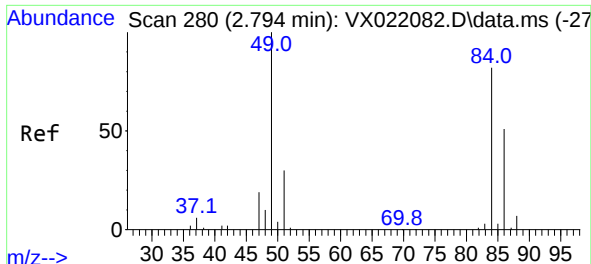
Tgt Ion: 76 Resp: 504
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.76 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
74 22.2 21.9 32.9



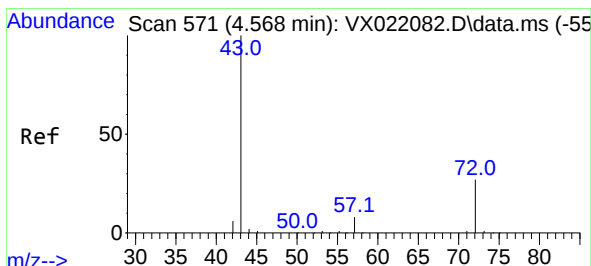
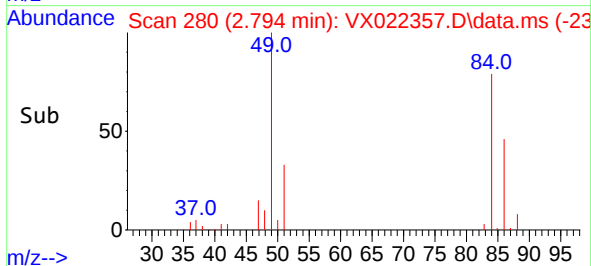
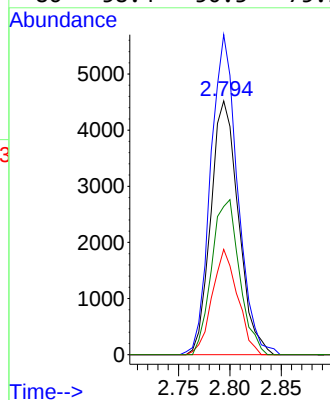
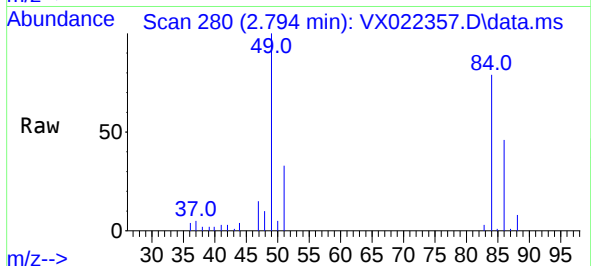


#20
Methylene Chloride
Concen: 8.63 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 8467

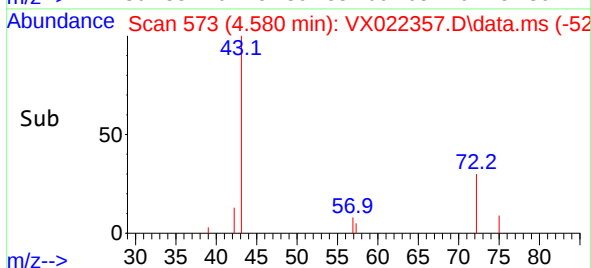
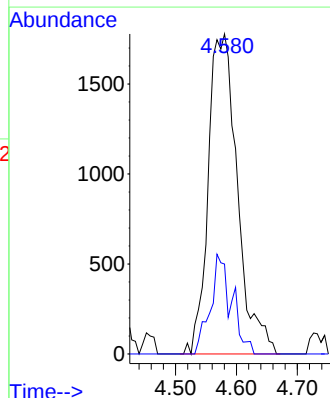
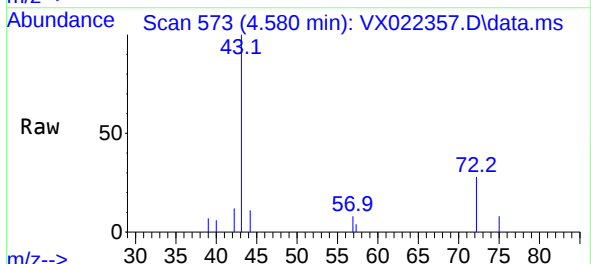
Ion	Ratio	Lower	Upper
84	100		
49	126.1	88.6	132.8
51	41.5	27.0	40.6#
86	58.4	50.3	75.5

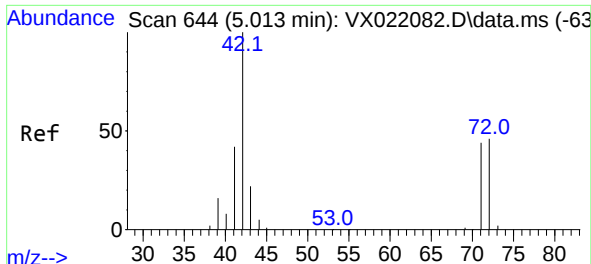


#25
2-Butanone
Concen: 8.27 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 43 Resp: 5917

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.019 min Scan# 645

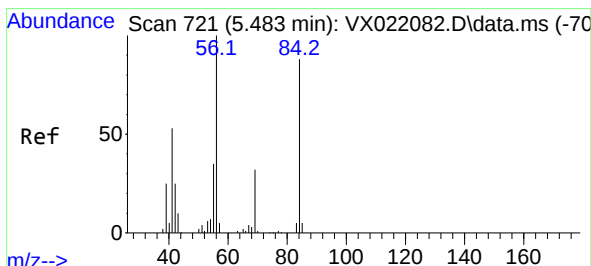
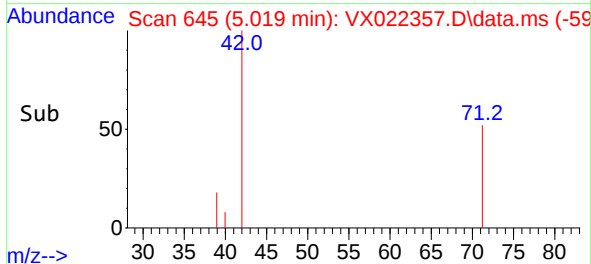
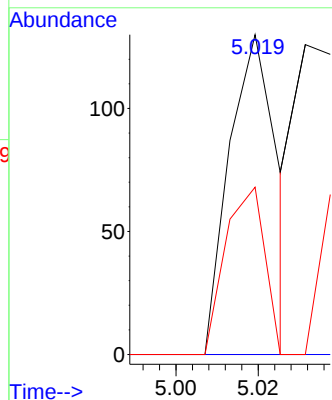
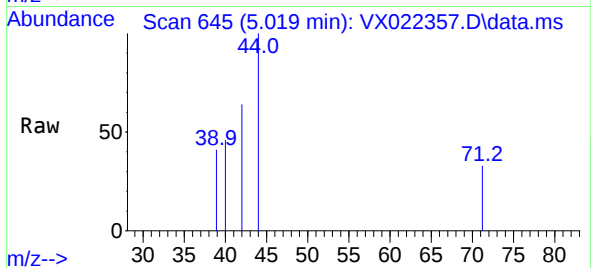
Delta R.T. 0.006 min

Lab File: VX022357.D

Acq: 03 Jun 2021 11:39

Tgt Ion:	42	Resp:	106
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	42.5	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.33 ug/l

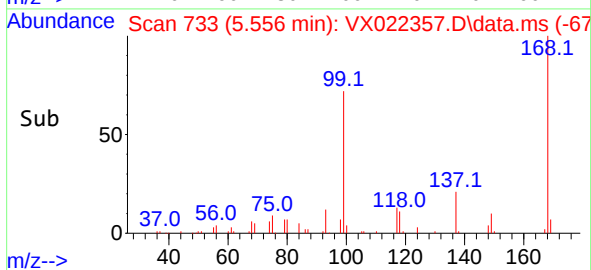
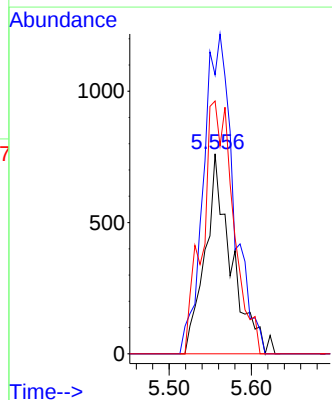
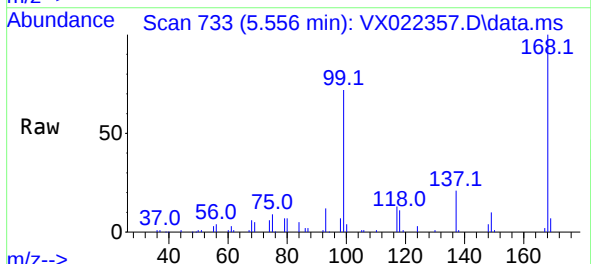
RT: 5.556 min Scan# 733

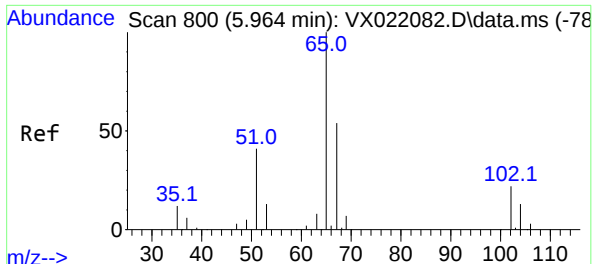
Delta R.T. 0.073 min

Lab File: VX022357.D

Acq: 03 Jun 2021 11:39

Tgt Ion:	56	Resp:	1697
Ion	Ratio	Lower	Upper
56	100		
69	139.4	25.3	37.9#
84	126.4	71.4	107.0#



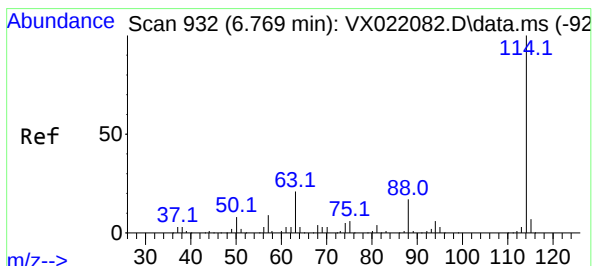
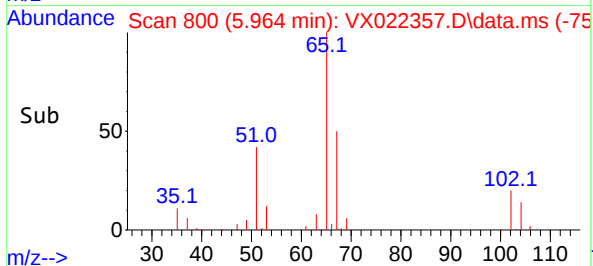
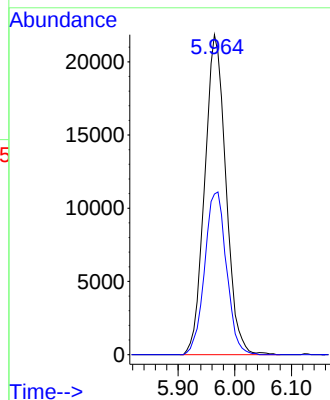
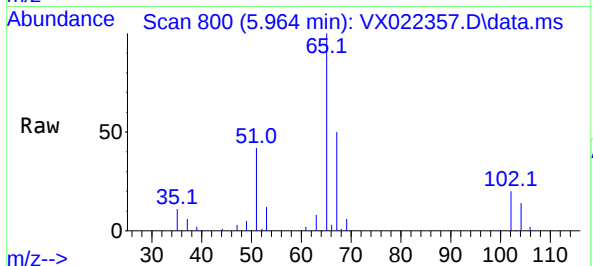


#33

1,2-Dichloroethane-d4
Concen: 55.83 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Instrument :
MSVOA_X
ClientSampled :

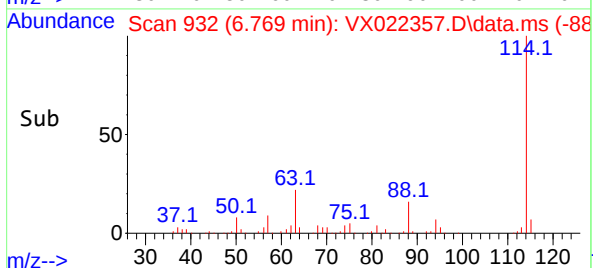
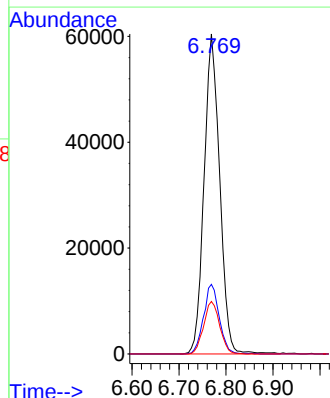
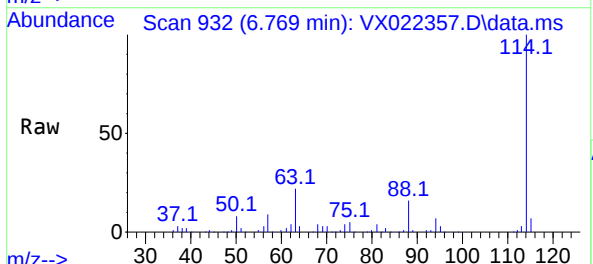
Tgt Ion: 65 Resp: 56690
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

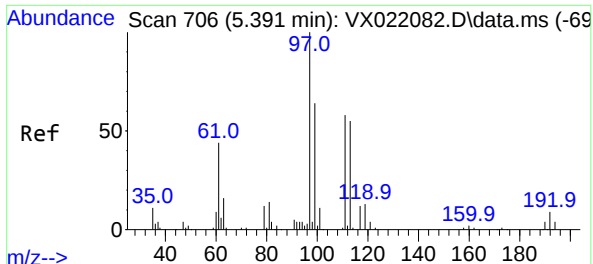


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 114 Resp: 139377
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.4 0.0 32.8

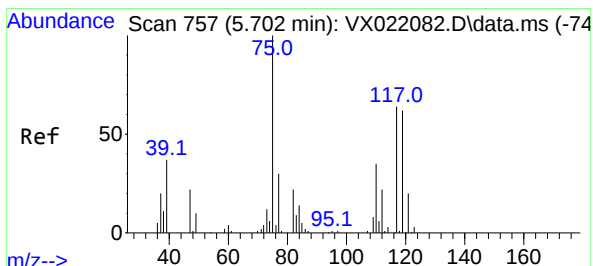
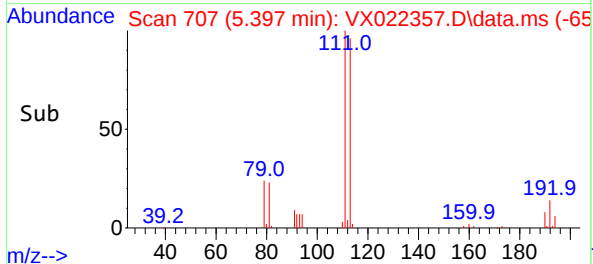
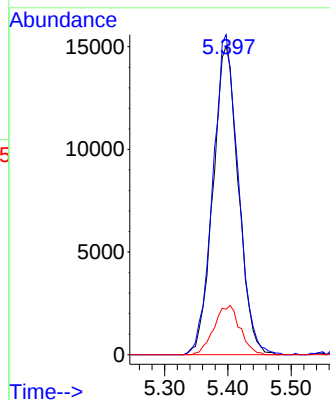
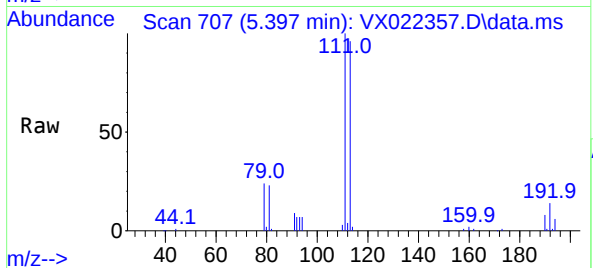




#35
Dibromofluoromethane
Concen: 47.32 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

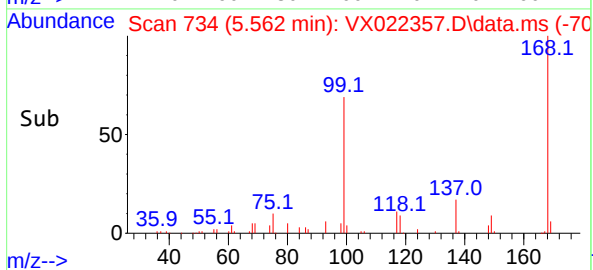
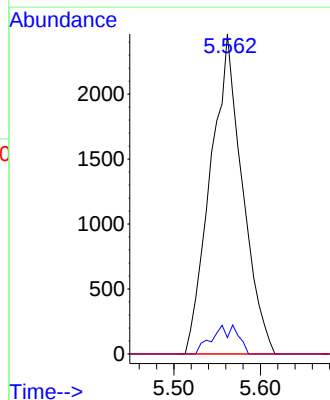
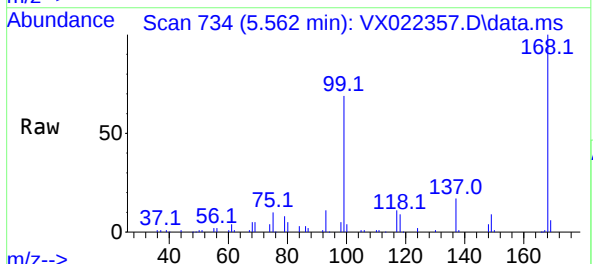
Instrument :
MSVOA_X
ClientSampleId :

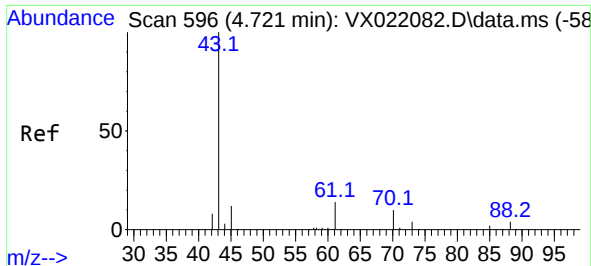
Tgt Ion:113 Resp: 41828
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 16.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 75 Resp: 6303
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.75 ug/l

RT: 4.580 min Scan# 573

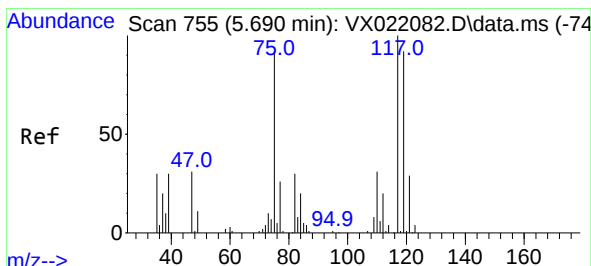
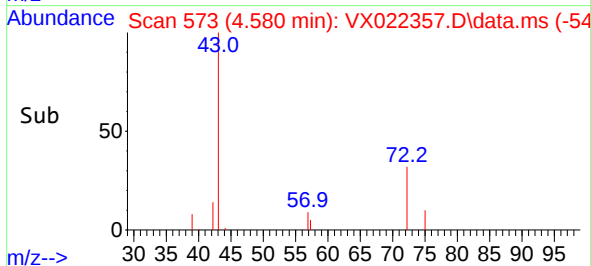
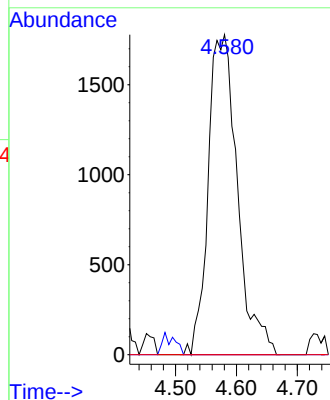
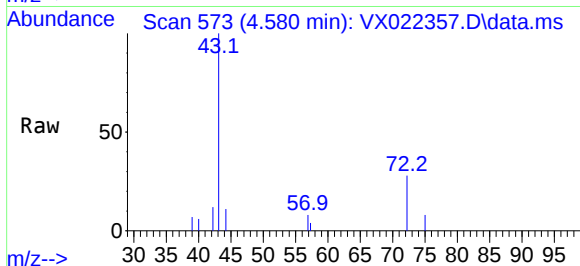
Delta R.T. -0.141 min

Lab File: VX022357.D

Acq: 03 Jun 2021 11:39

Tgt Ion:	43	Resp:	5917
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.00 ug/l

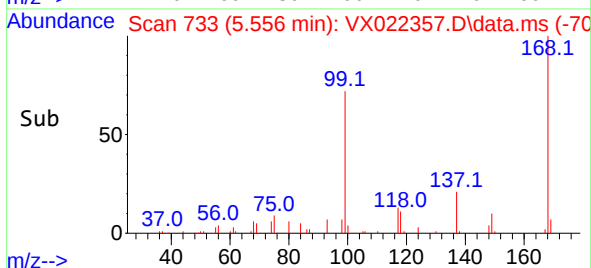
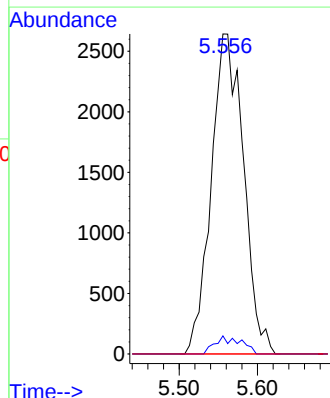
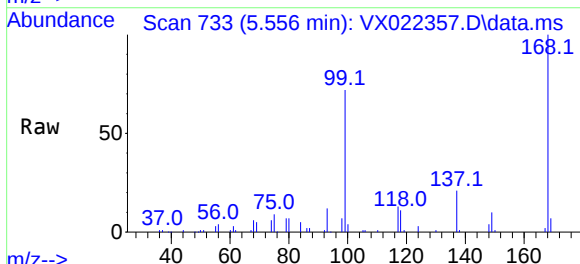
RT: 5.556 min Scan# 733

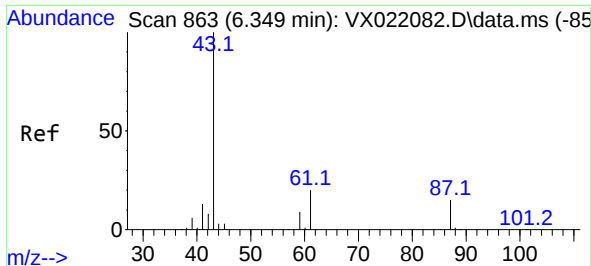
Delta R.T. -0.134 min

Lab File: VX022357.D

Acq: 03 Jun 2021 11:39

Tgt Ion:	117	Resp:	7563
Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.2	114.2#
121	0.0	24.8	37.2#

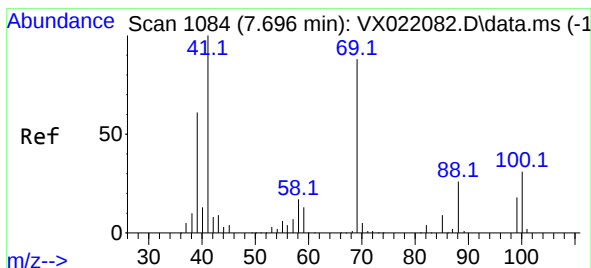
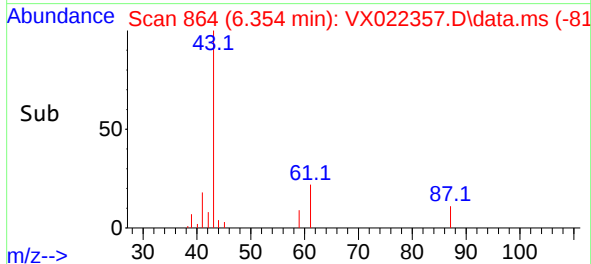
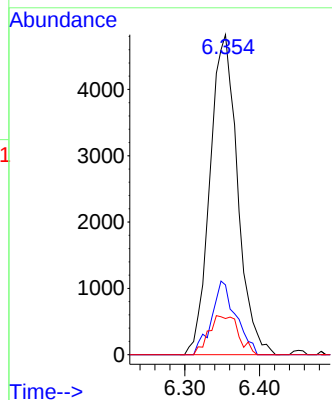
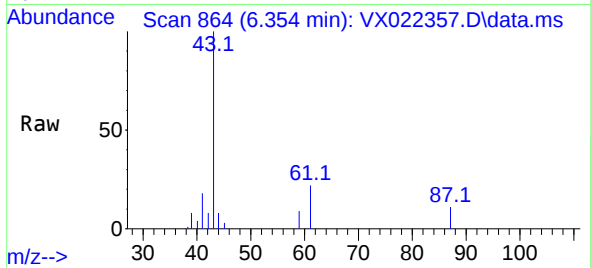




#43
Isopropyl Acetate
Concen: 4.79 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

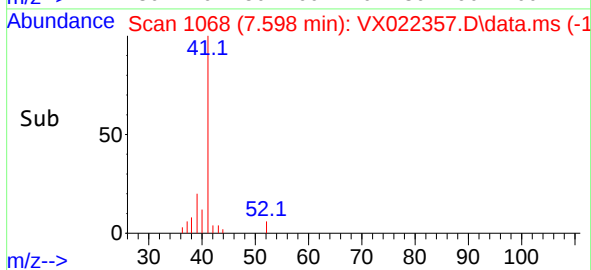
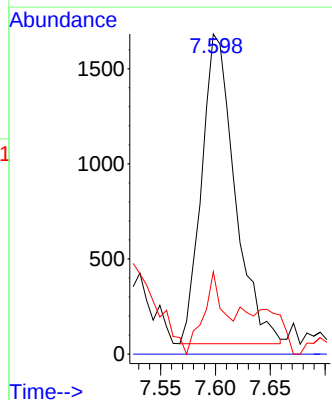
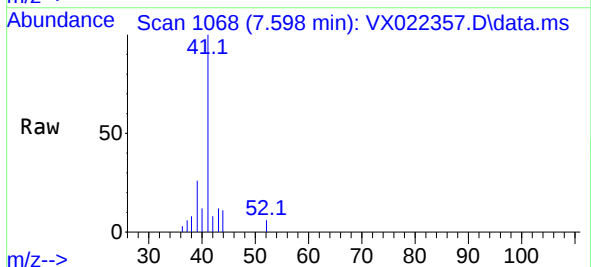
Instrument :
MSVOA_X
ClientSampled :

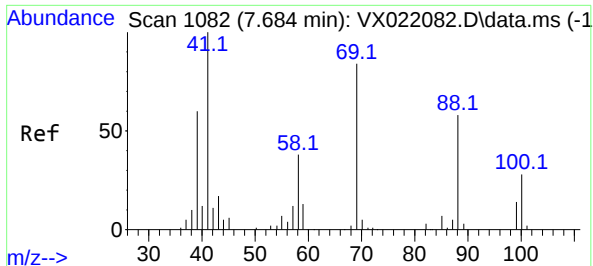
Tgt Ion: 43 Resp: 12373
Ion Ratio Lower Upper
43 100
61 20.2 18.2 27.4
87 13.0 12.5 18.7



#48
Methyl methacrylate
Concen: 2.88 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 41 Resp: 3434
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

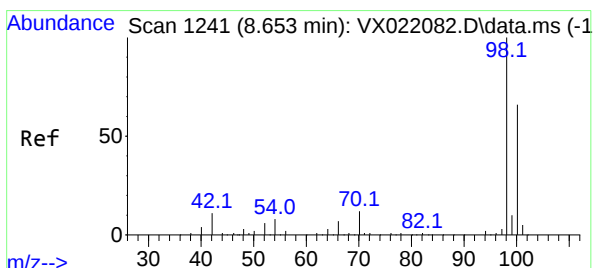
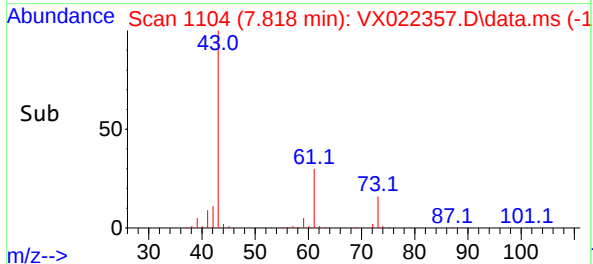
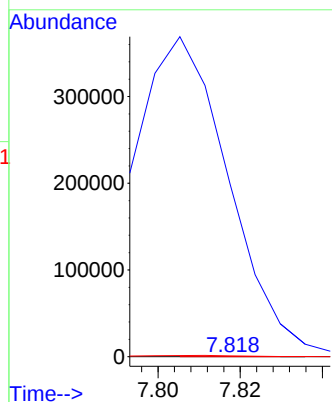
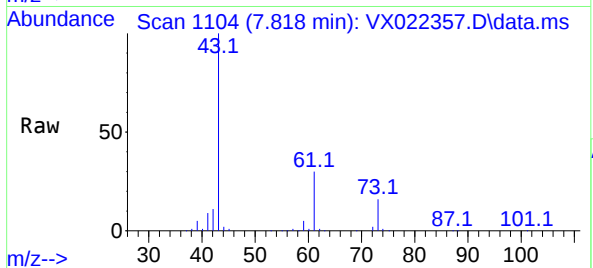




#49
1,4-Dioxane
Concen: 0.82 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.134 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

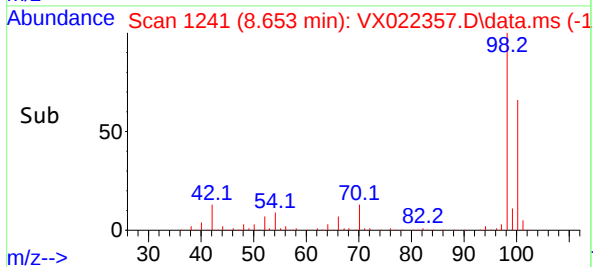
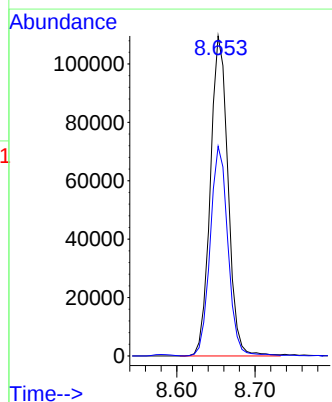
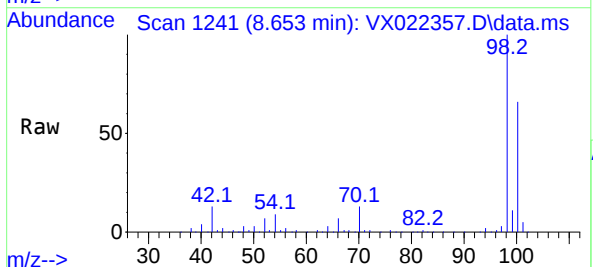
Instrument :
MSVOA_X
ClientSampled :

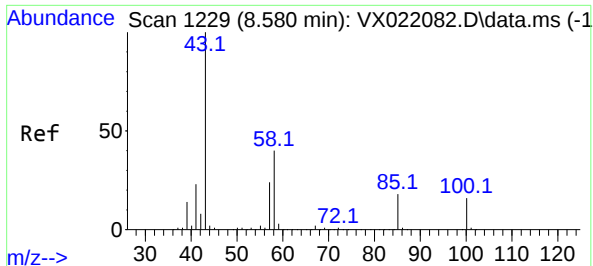
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 3347831.6 23.2 34.8#
58 13584.2 55.0 82.4#



#50
Toluene-d8
Concen: 50.48 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 98 Resp: 171880
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

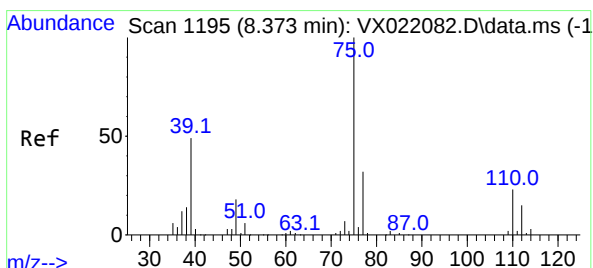
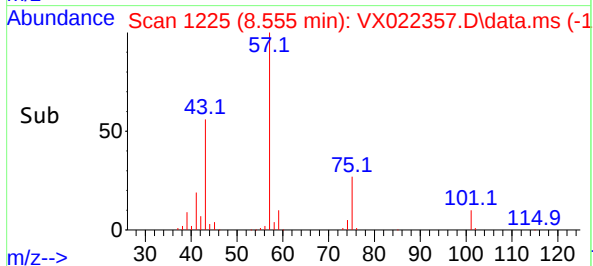
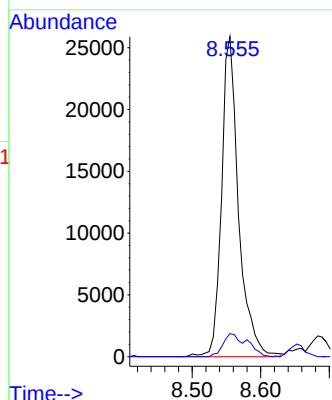
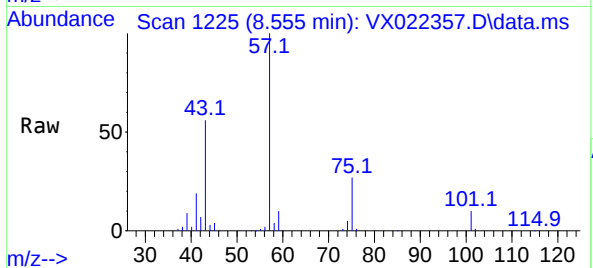




#51
4-Methyl-2-Pentanone
Concen: 28.74 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

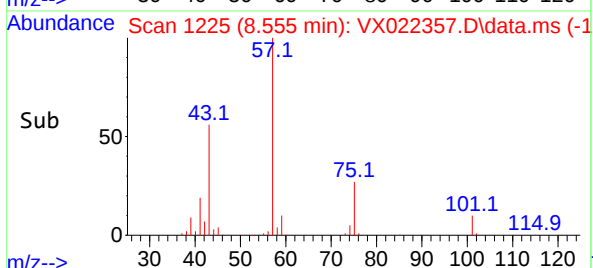
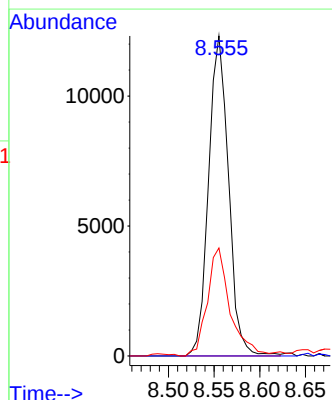
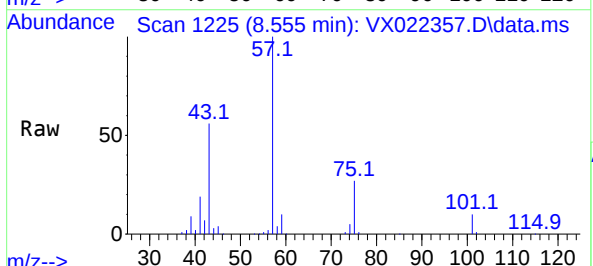
Instrument :
MSVOA_X
ClientSampled :

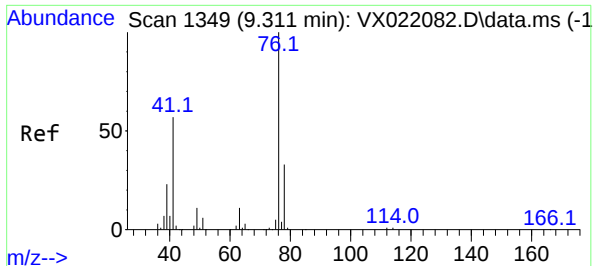
Tgt Ion: 43 Resp: 44486
Ion Ratio Lower Upper
43 100
58 10.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 10.95 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

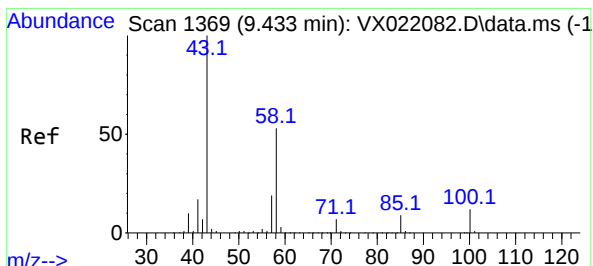
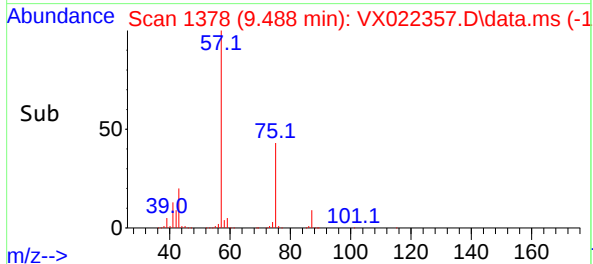
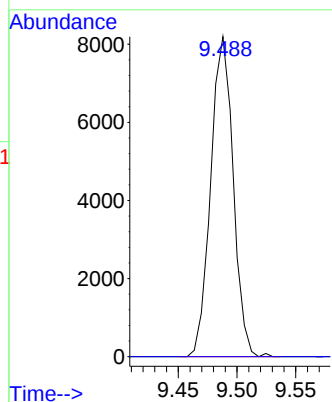
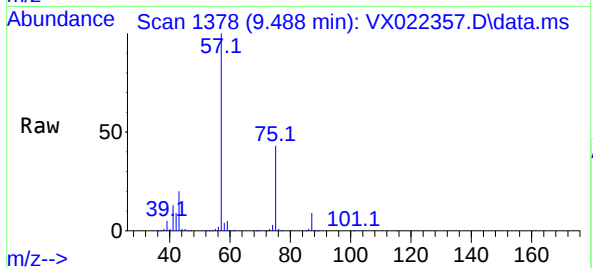
Tgt Ion: 75 Resp: 18665
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 33.8 35.1 52.7#





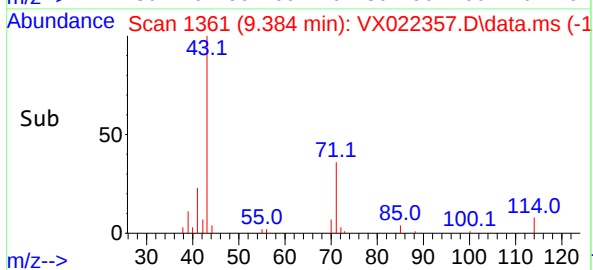
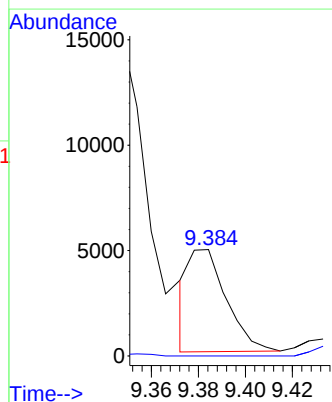
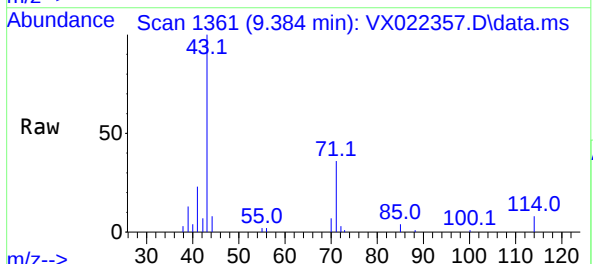
#57
1,3-Dichloropropane
Concen: 6.25 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

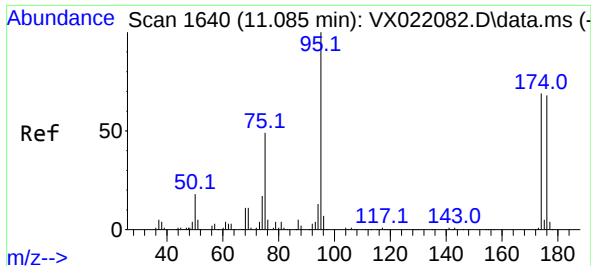
Tgt Ion: 76 Resp: 10883
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 4.61 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 43 Resp: 5365
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

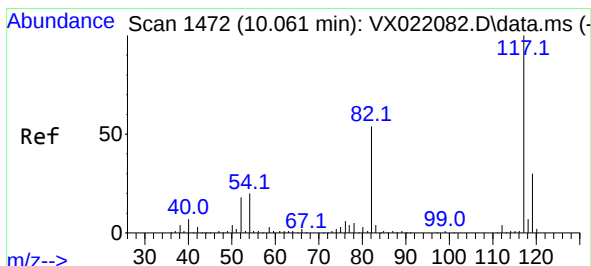
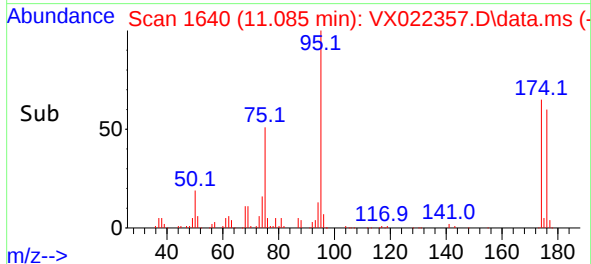
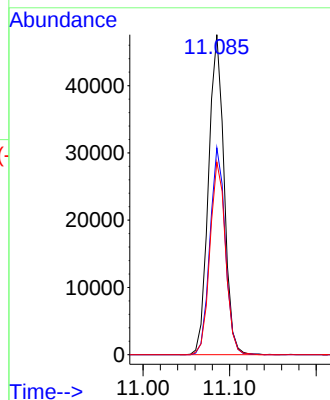
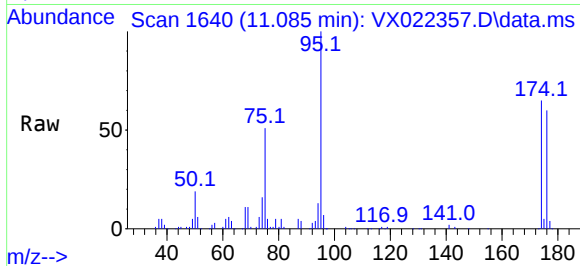




#62
4-Bromofluorobenzene
Concen: 46.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

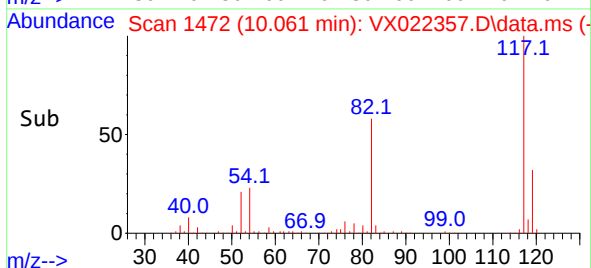
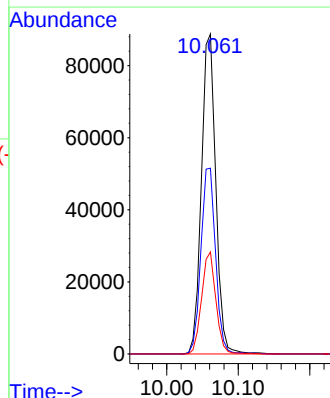
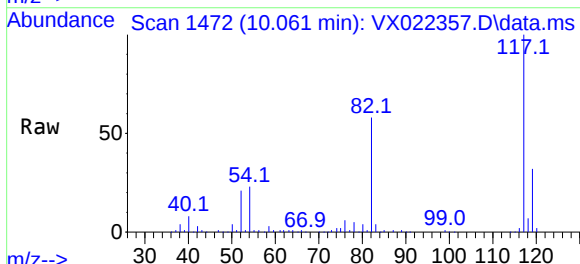
Instrument :
MSVOA_X
ClientSampled :

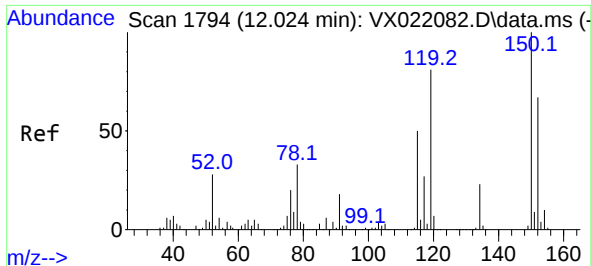
Tgt Ion: 95 Resp: 59115
Ion Ratio Lower Upper
95 100
174 63.7 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 117 Resp: 123818
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.9 26.6 39.8

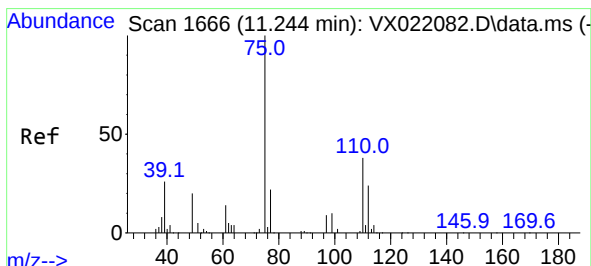
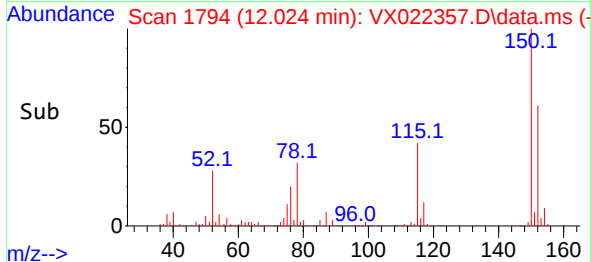
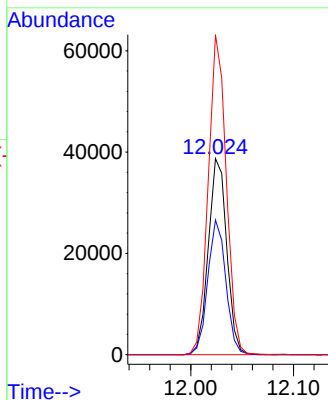
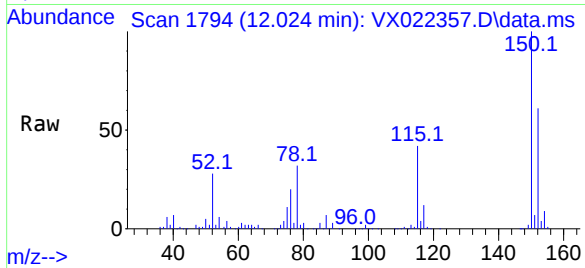




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

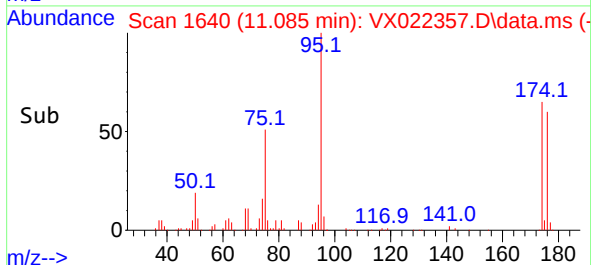
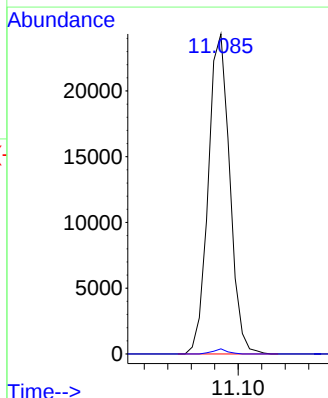
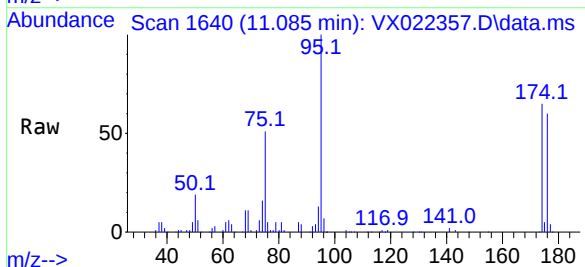
Instrument :
MSVOA_X
ClientSampleId :

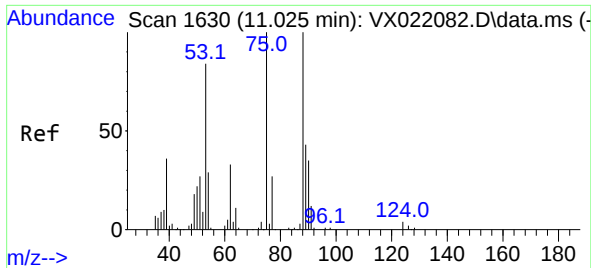
Tgt Ion:152 Resp: 48363
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 158.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Tgt Ion: 75 Resp: 30908
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022357.D
Acq: 03 Jun 2021 11:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30908
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

