

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022467.D
 Acq On : 05 Jun 2021 13:23
 Operator : JC/MD
 Sample : M2580-28
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:23:03 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)

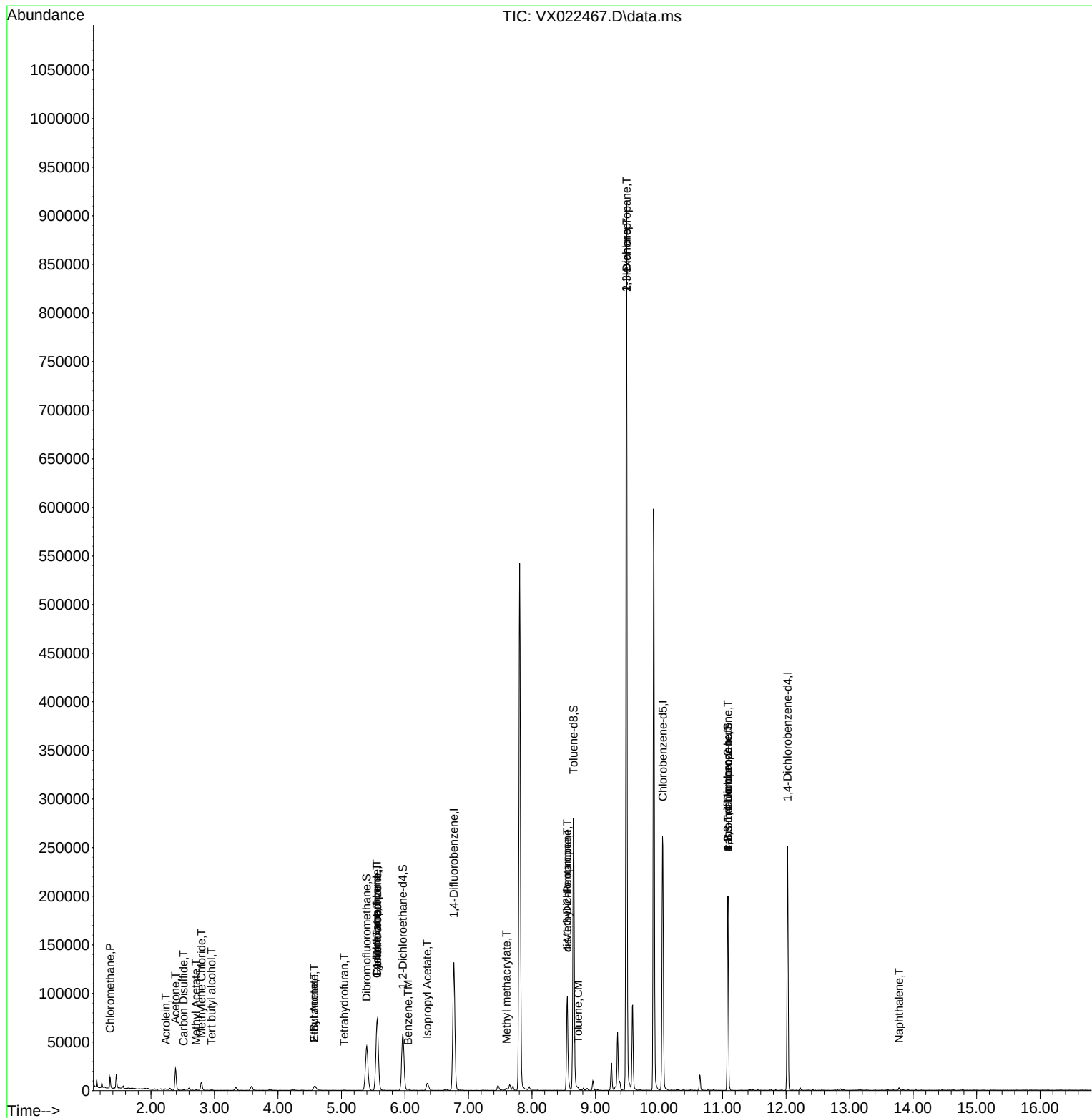
Internal Standards						
1) Pentafluorobenzene	5.562	168	61496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	128505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	116283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53256	56.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.280%			
35) Dibromofluoromethane	5.397	113	38002	46.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.260%			
50) Toluene-d8	8.653	98	159288	50.742	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.480%			
62) 4-Bromofluorobenzene	11.085	95	54997	47.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.800%			
Target Compounds					Qvalue	
3) Chloromethane	1.355	50	281	0.348	ug/l #	81
11) Tert butyl alcohol	2.953	59	466	2.148	ug/l #	73
13) Acrolein	2.233	56	142	0.987	ug/l #	56
16) Acetone	2.386	43	22542	54.574	ug/l	99
17) Carbon Disulfide	2.514	76	531	0.288	ug/l #	75
18) Methyl Acetate	2.709	43	707	0.644	ug/l #	64
20) Methylene Chloride	2.794	84	3639	3.968	ug/l	88
25) 2-Butanone	4.568	43	6485	9.705	ug/l #	68
29) Tetrahydrofuran	5.044	42	197	0.495	ug/l #	56
31) Cyclohexane	5.556	56	1810	1.518	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	5986	5.038	ug/l #	49
37) Ethyl Acetate	4.568	43	6485	4.452	ug/l #	64
38) Carbon Tetrachloride	5.556	117	7035	6.052	ug/l #	16
40) Benzene	6.050	78	1246	0.341	ug/l	97
43) Isopropyl Acetate	6.348	43	10247	4.301	ug/l #	90
48) Methyl methacrylate	7.598	41	3073	2.799	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	35213	24.673	ug/l #	46
52) Toluene	8.726	92	531	0.229	ug/l	97
54) cis-1,3-Dichloropropene	8.555	75	15089	9.603	ug/l #	69
57) 1,3-Dichloropropane	9.488	76	7842	4.887	ug/l #	42
59) 2-Hexanone	9.488	43	106561	99.273	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	28659	26.660	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28659	63.167	ug/l #	12
95) Naphthalene	13.780	128	1816	0.533	ug/l	97

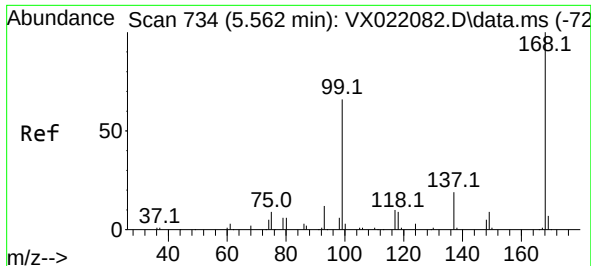
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
Data File : VX022467.D
Acq On : 05 Jun 2021 13:23
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 63 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

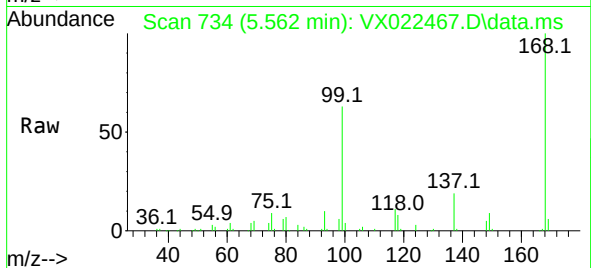
Quant Time: Jun 07 03:23:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



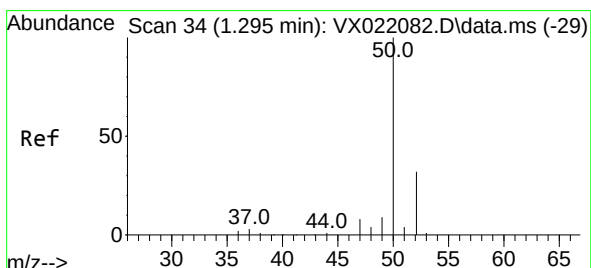
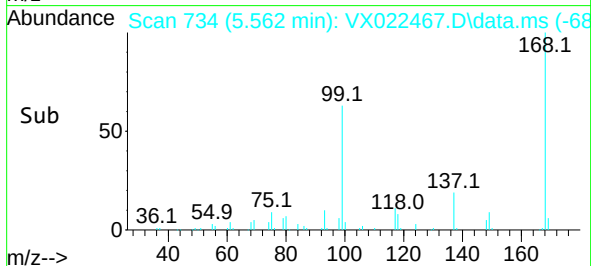
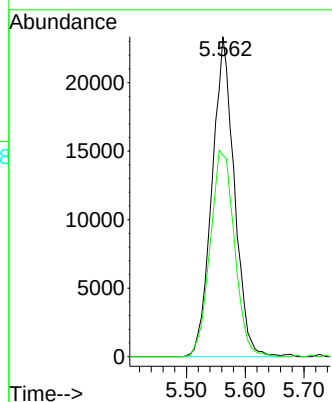


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Instrument :
MSVOA_X
ClientSampleId :

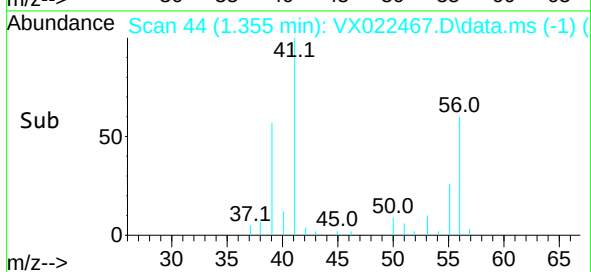
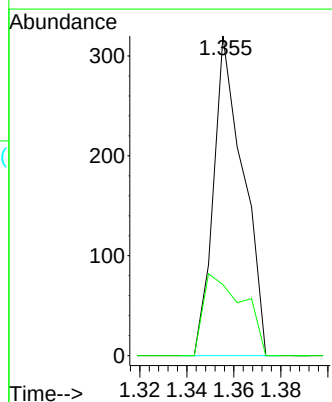
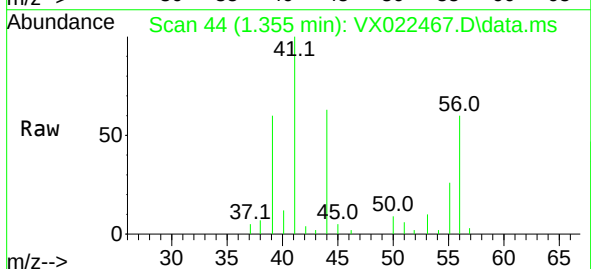


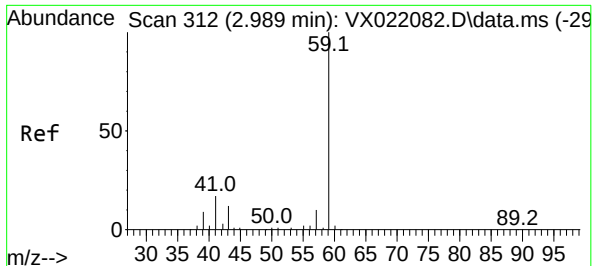
Tgt Ion:168 Resp: 61496
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.355 min Scan# 44
Delta R.T. 0.060 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 22.2 26.4 39.6#

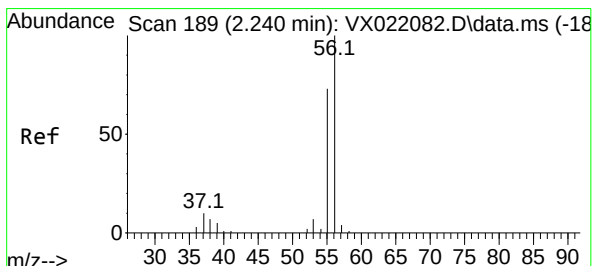
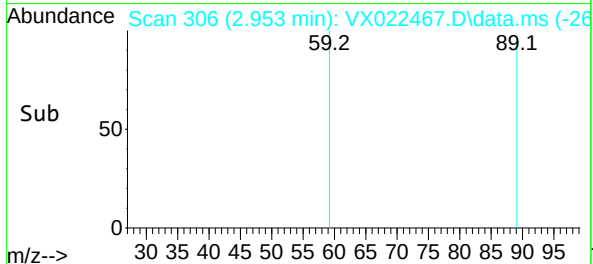
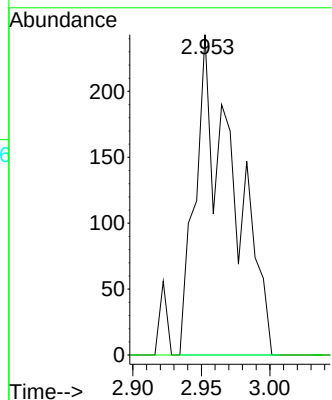
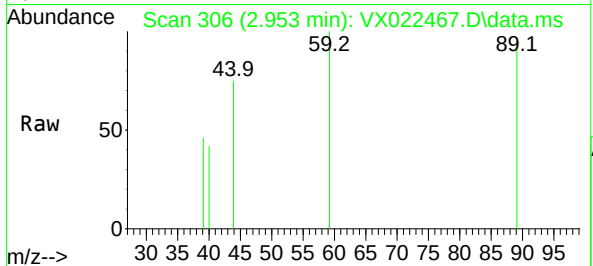




#11
Tert butyl alcohol
Concen: 2.148 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

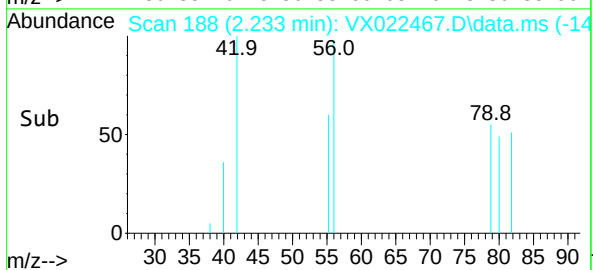
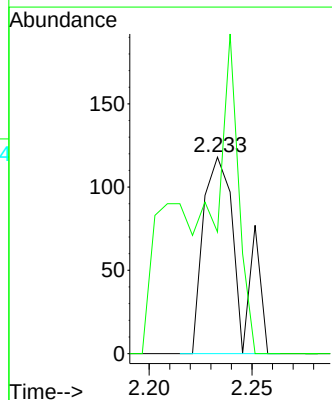
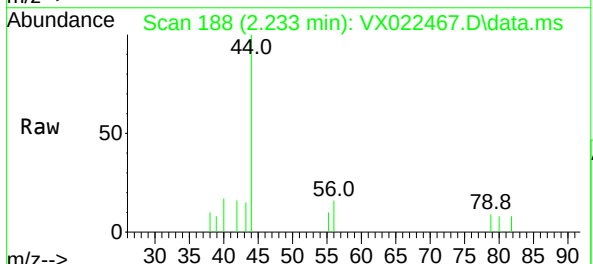
Instrument :
MSVOA_X
ClientSampled :

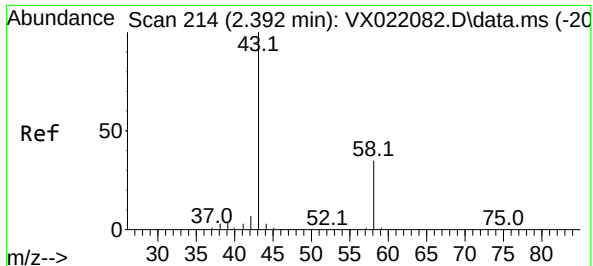
Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.987 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 107.0 56.4 84.6#

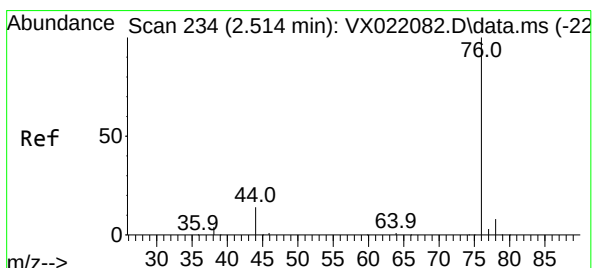
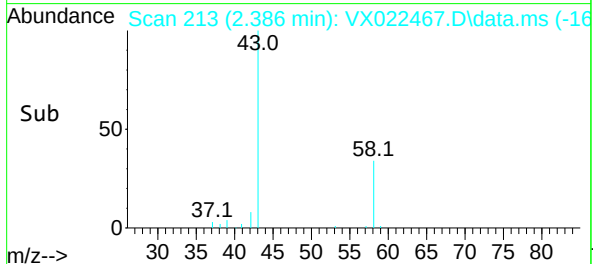
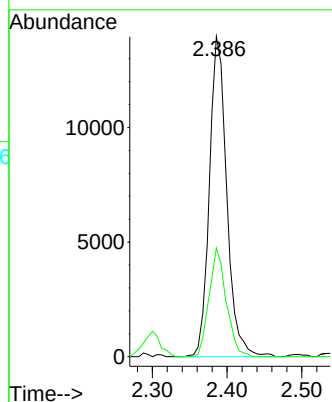
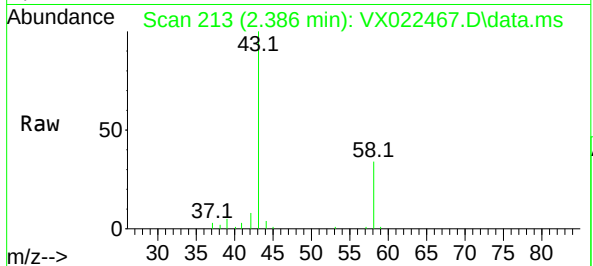




#16
Acetone
Concen: 54.574 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

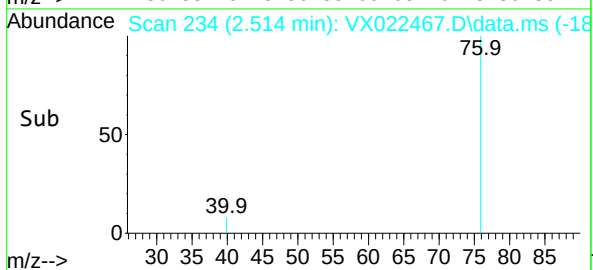
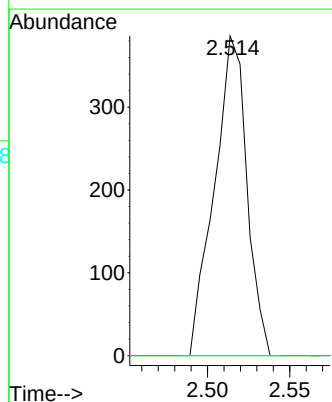
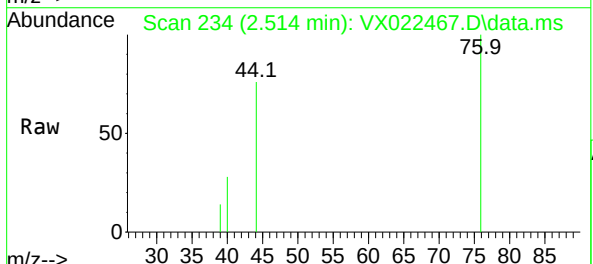
Instrument :
MSVOA_X
ClientSampled :

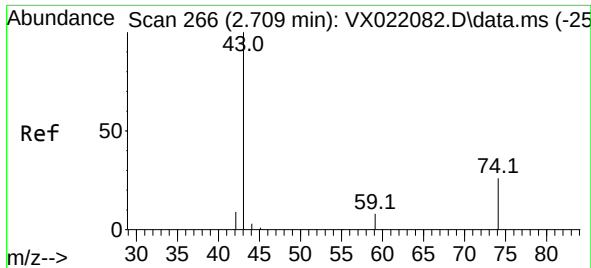
Tgt Ion: 43 Resp: 22542
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 76 Resp: 531
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

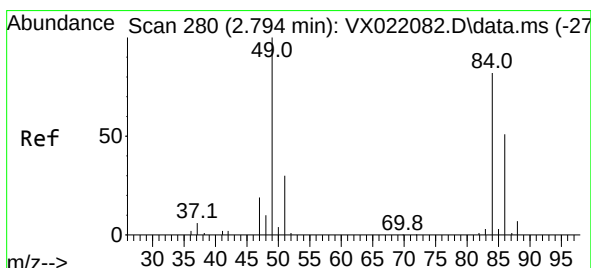
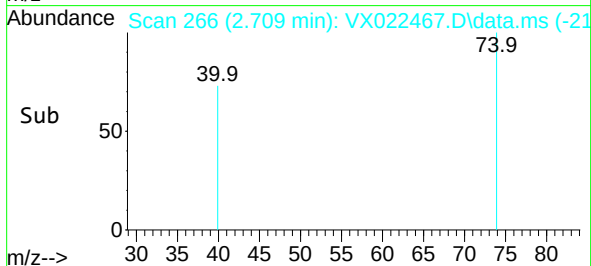
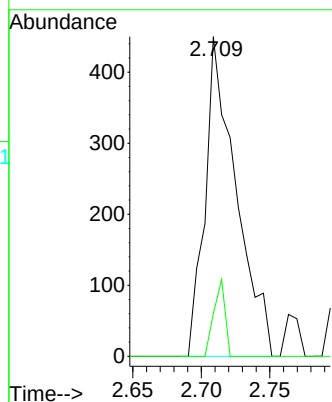
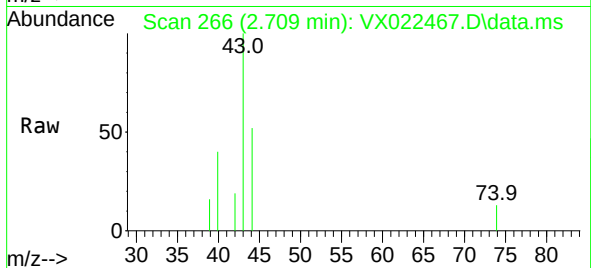




#18
Methyl Acetate
Concen: 0.644 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

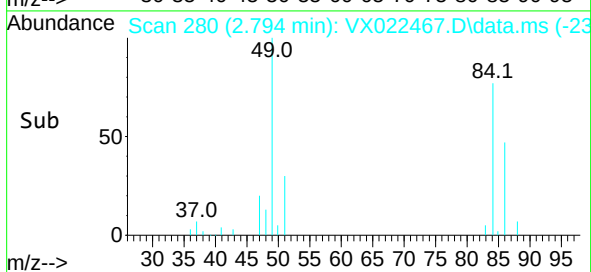
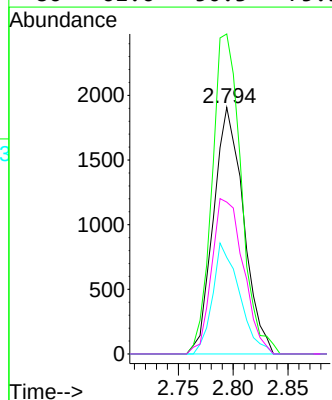
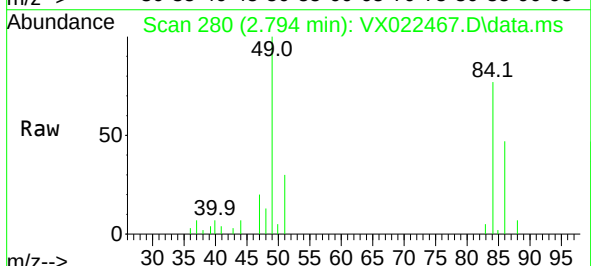
Instrument :
MSVOA_X
ClientSampled :

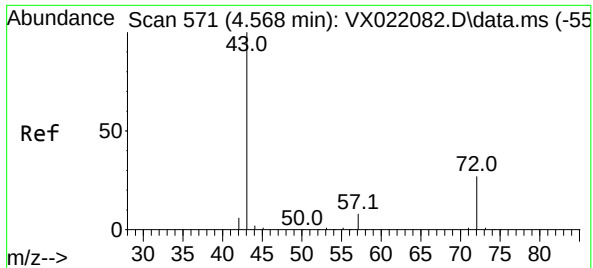
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
74 8.6 21.9 32.9#



#20
Methylene Chloride
Concen: 3.968 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 84 Resp: 3639
Ion Ratio Lower Upper
84 100
49 129.8 88.6 132.8
51 39.2 27.0 40.6
86 61.6 50.3 75.5

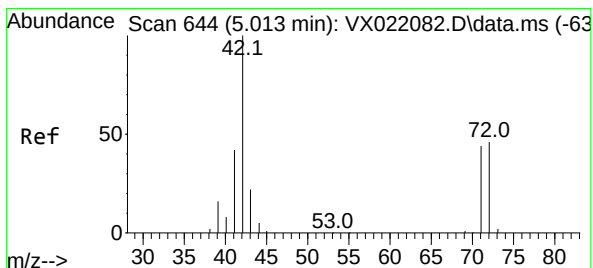
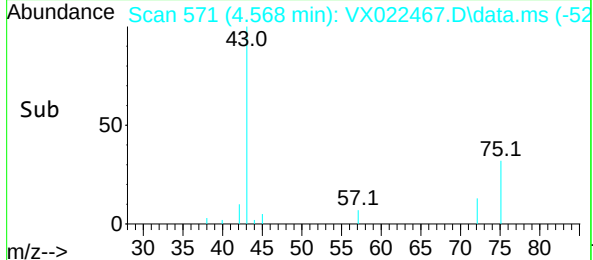
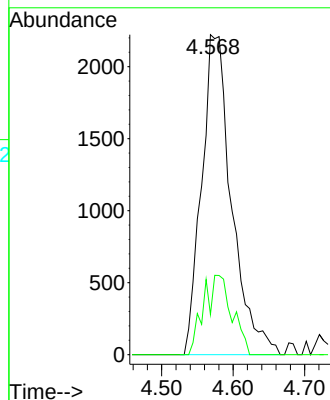
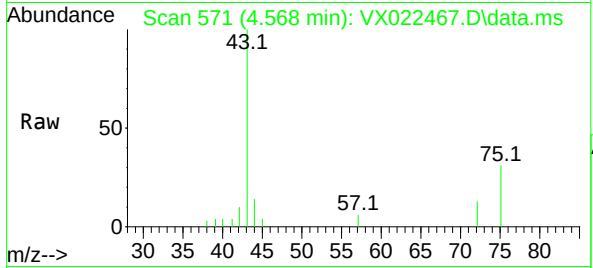




#25
2-Butanone
Concen: 9.705 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

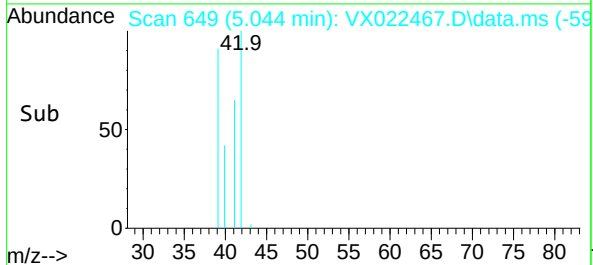
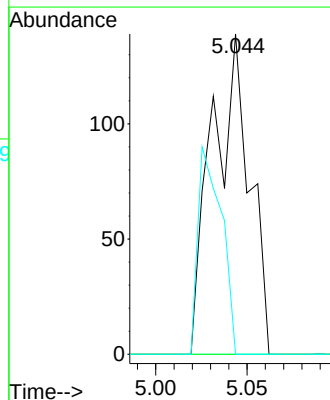
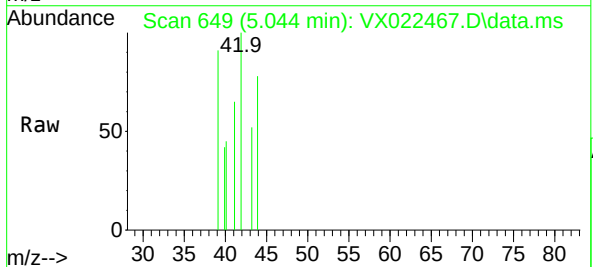
Instrument :
MSVOA_X
ClientSampled :

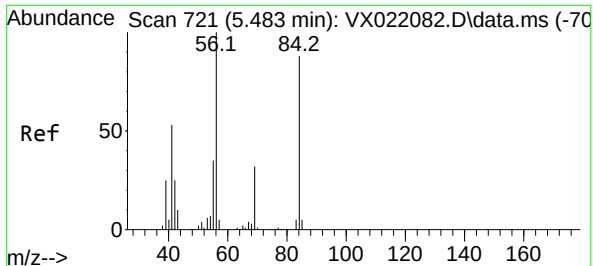
Tgt Ion: 43 Resp: 6485
Ion Ratio Lower Upper
43 100
72 12.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.495 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

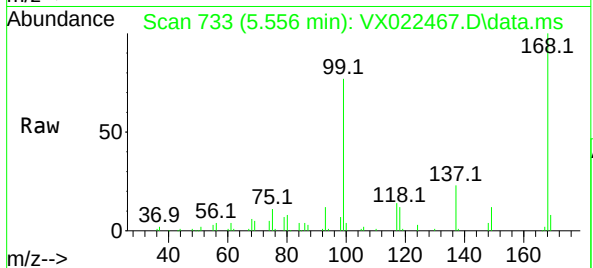
Tgt Ion: 42 Resp: 197
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 40.6 38.4 57.6



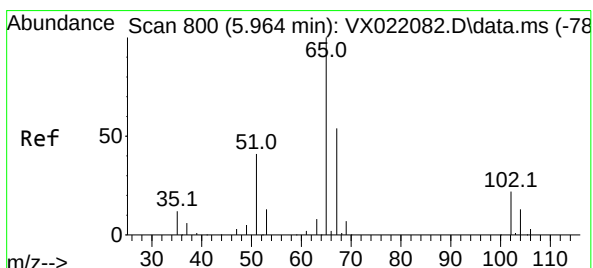
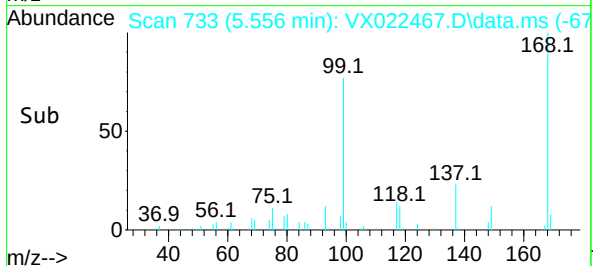
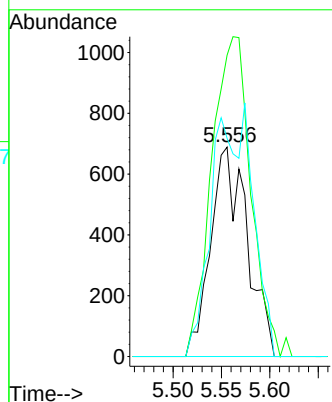


#31
Cyclohexane
Concen: 1.518 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Instrument :
MSVOA_X
ClientSampleId :

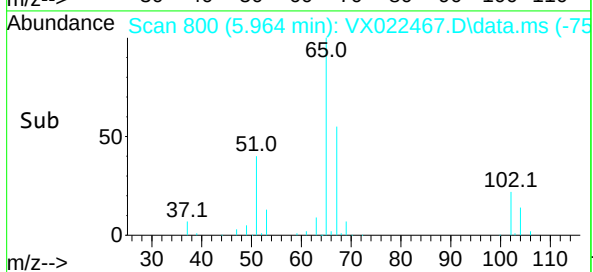
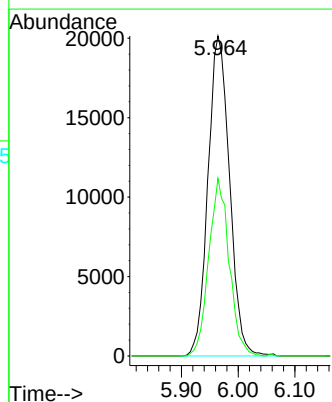
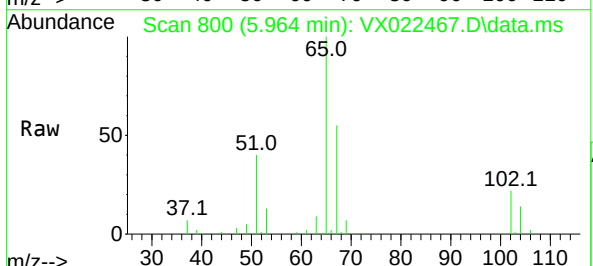


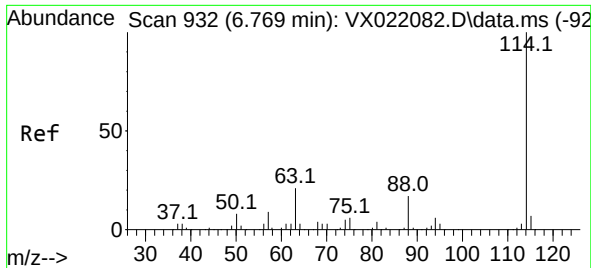
Tgt Ion: 56 Resp: 1810
Ion Ratio Lower Upper
56 100
69 143.8 25.3 37.9#
84 117.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.141 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 65 Resp: 53256
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

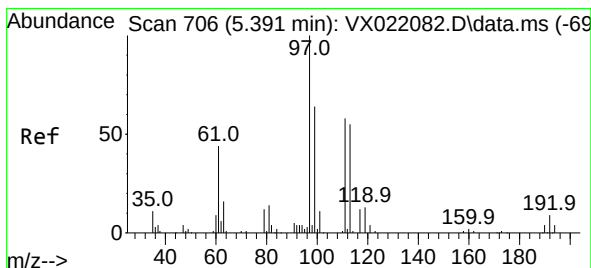
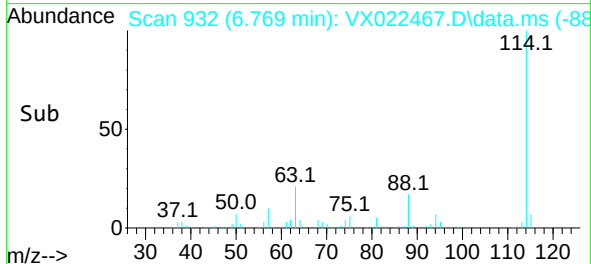
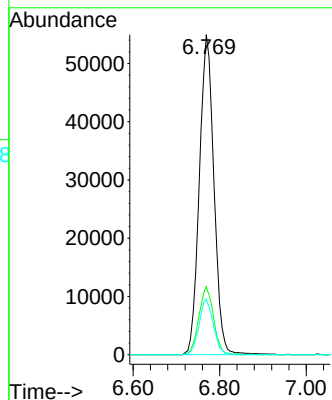
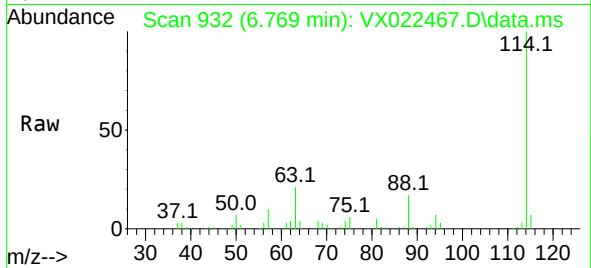




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

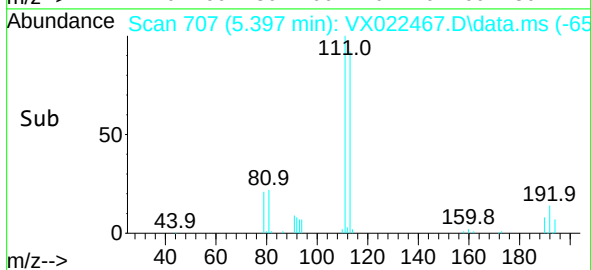
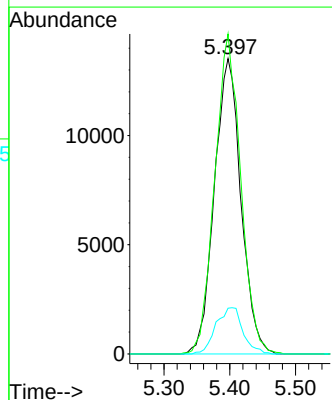
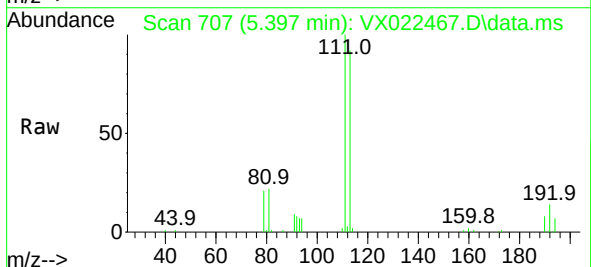
Instrument :
MSVOA_X
ClientSampled :

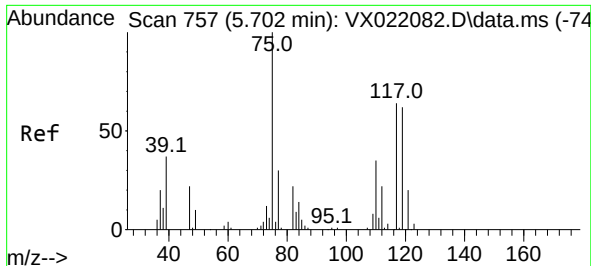
Tgt Ion:114 Resp: 128505
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.633 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion:113 Resp: 38002
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 15.9 16.7 25.1#

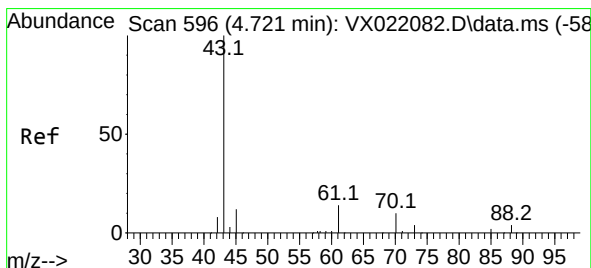
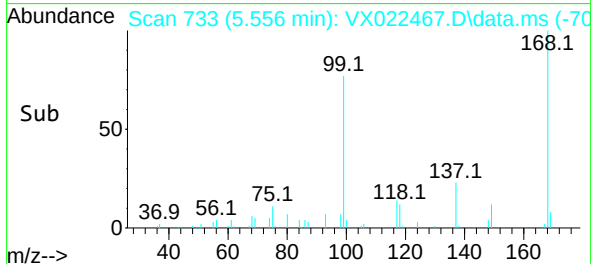
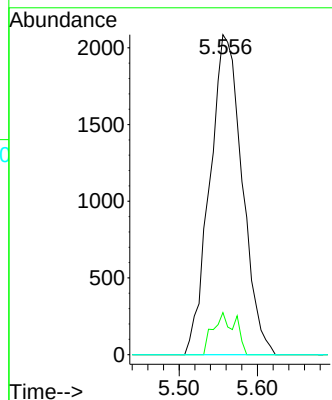
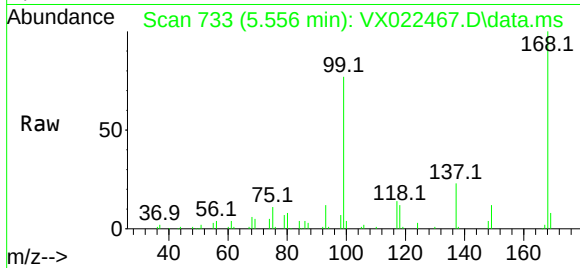




#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

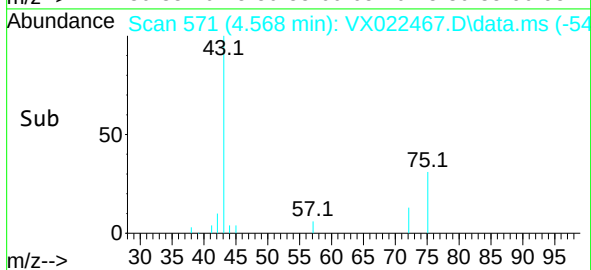
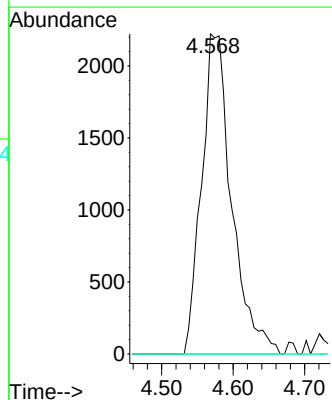
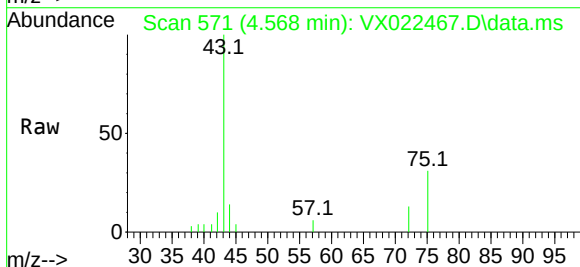
Instrument :
MSVOA_X
ClientSampled :

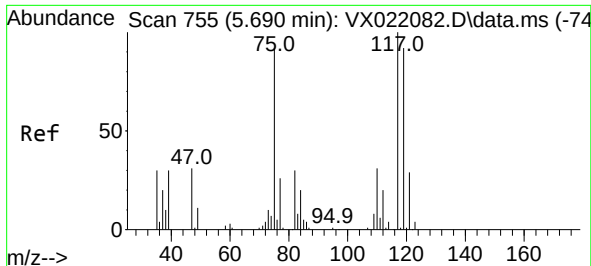
Tgt Ion: 75 Resp: 5986
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 4.452 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.153 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

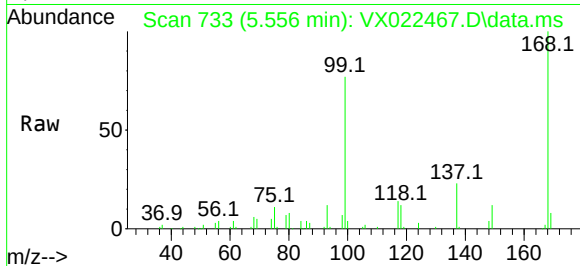
Tgt Ion: 43 Resp: 6485
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



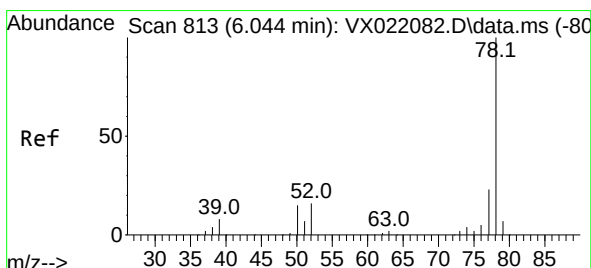
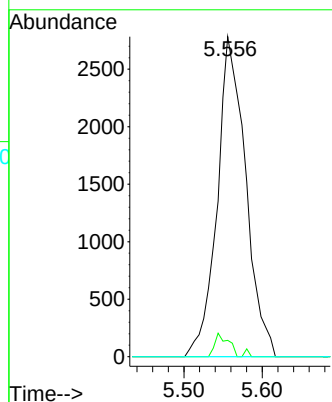
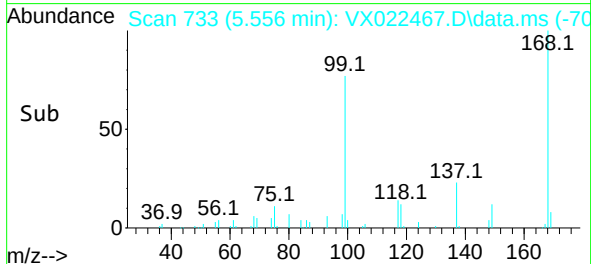


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

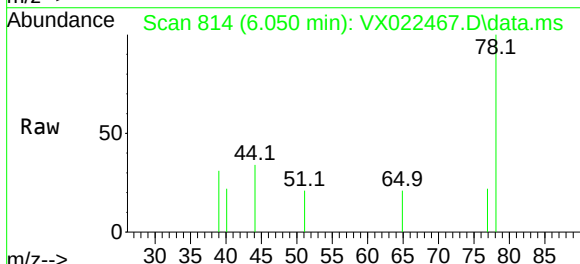
Instrument :
MSVOA_X
ClientSampleId :



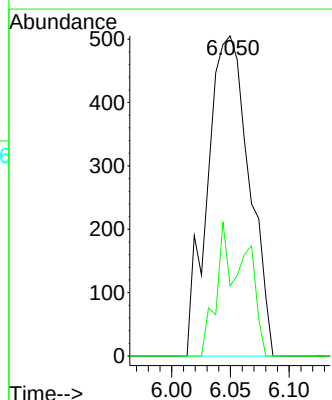
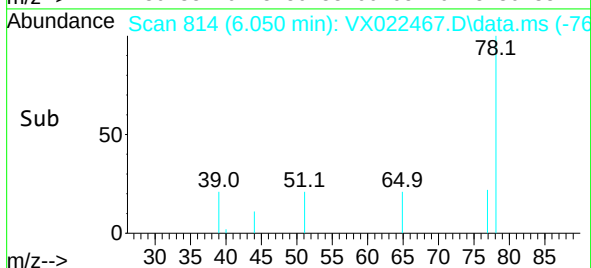
Tgt Ion:117 Resp: 7035
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

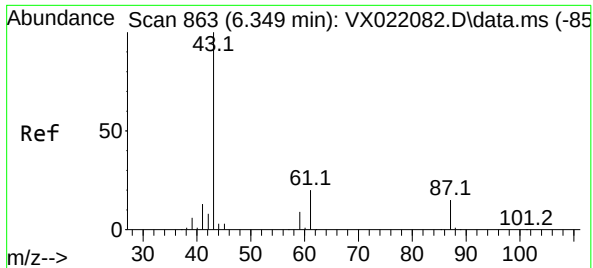


#40
Benzene
Concen: 0.341 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23



Tgt Ion: 78 Resp: 1246
Ion Ratio Lower Upper
78 100
77 22.0 18.9 28.3

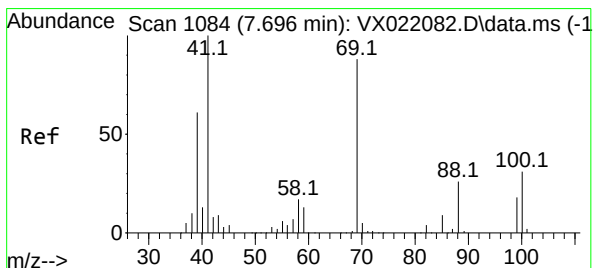
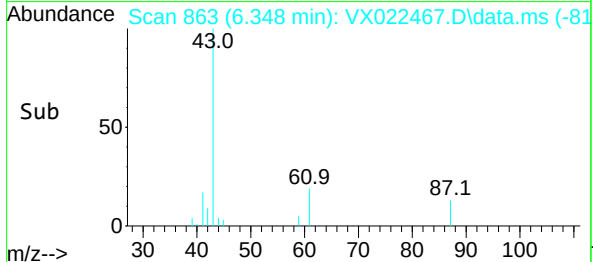
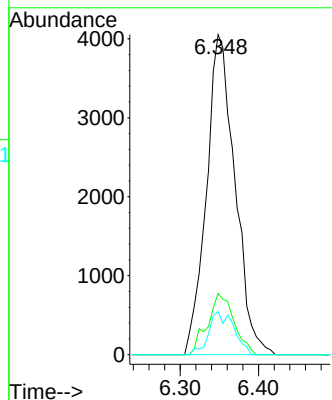
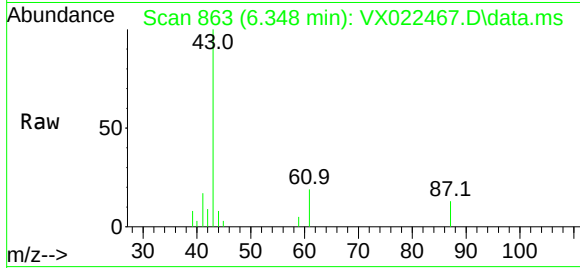




#43
Isopropyl Acetate
Concen: 4.301 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

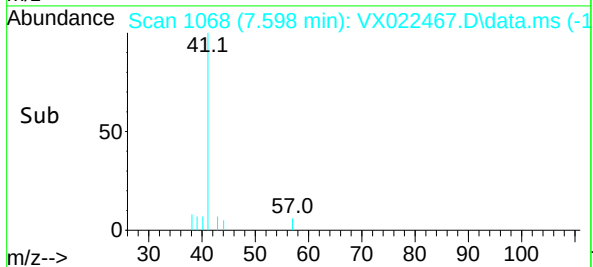
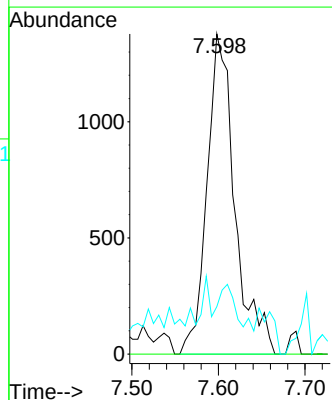
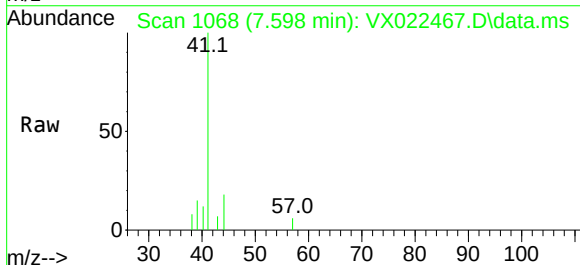
Instrument :
MSVOA_X
ClientSampleId :

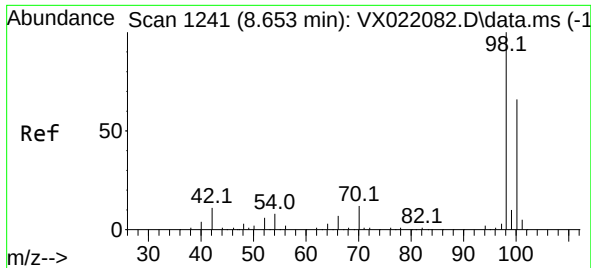
Tgt Ion: 43 Resp: 10247
Ion Ratio Lower Upper
43 100
61 17.8 18.2 27.4#
87 11.9 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.799 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 41 Resp: 3073
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

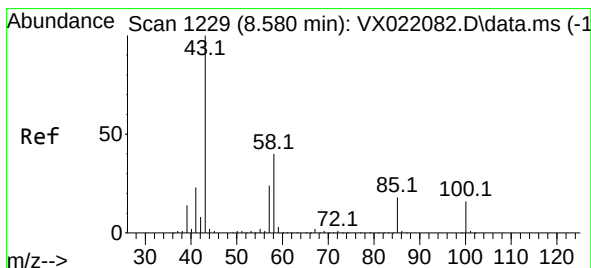
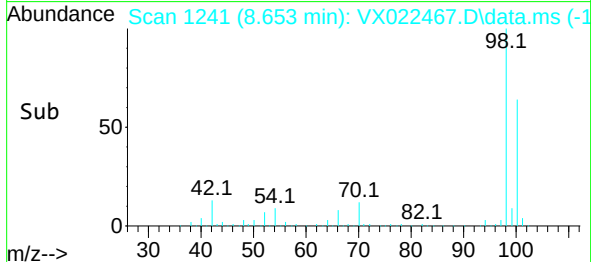
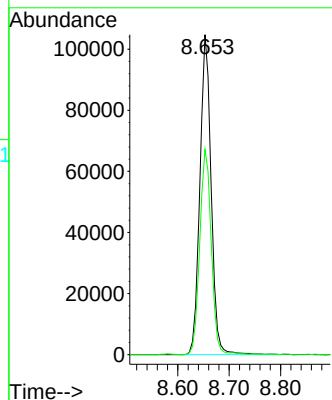
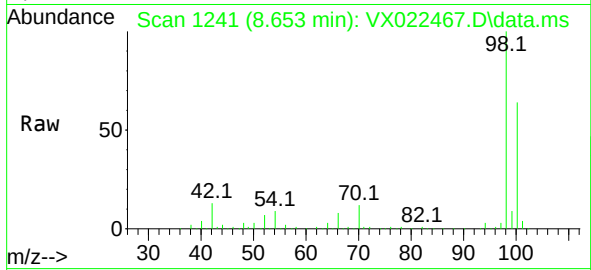




#50
Toluene-d8
Concen: 50.742 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

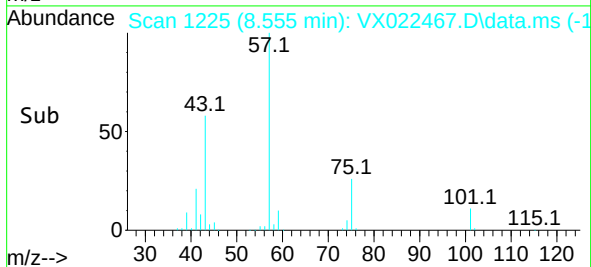
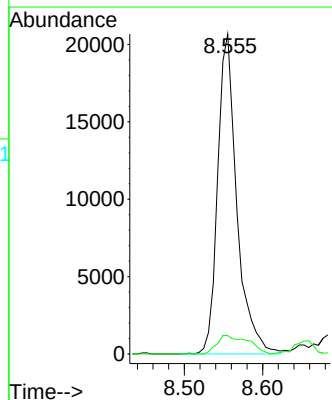
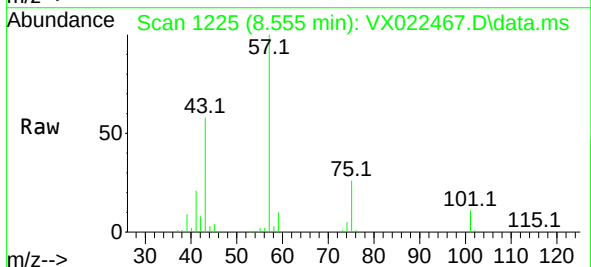
Instrument :
MSVOA_X
ClientSampled :

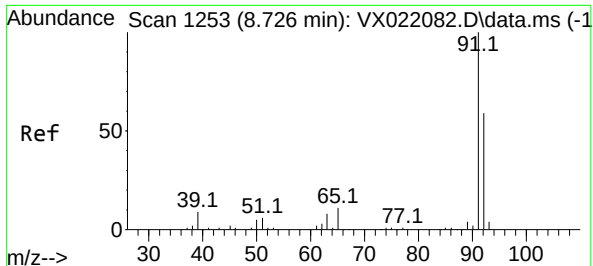
Tgt Ion: 98 Resp: 159288
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 24.673 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 43 Resp: 35213
Ion Ratio Lower Upper
43 100
58 9.5 35.4 53.0#

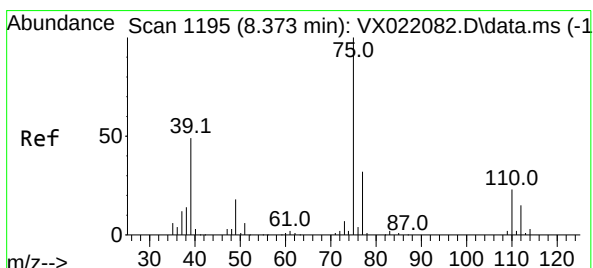
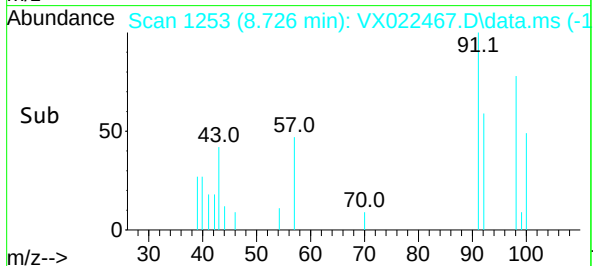
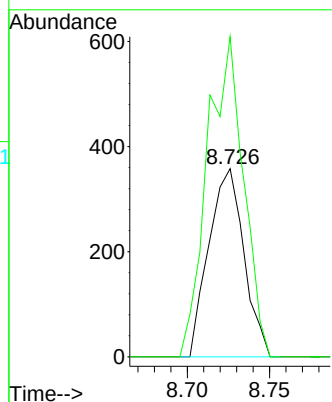
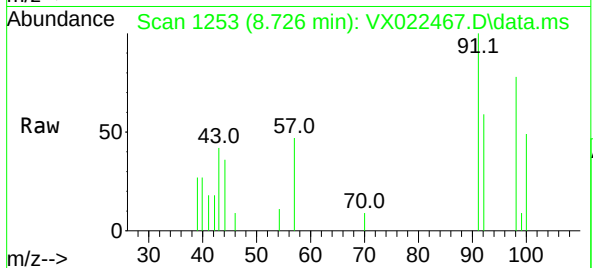




#52
Toluene
Concen: 0.229 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

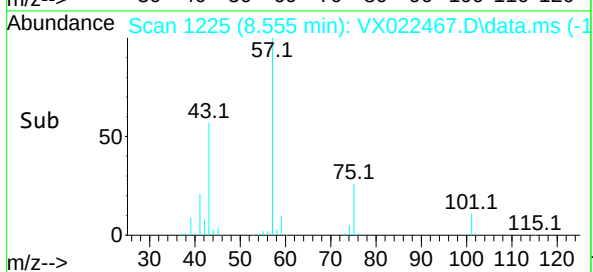
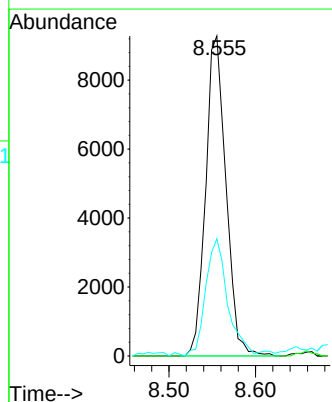
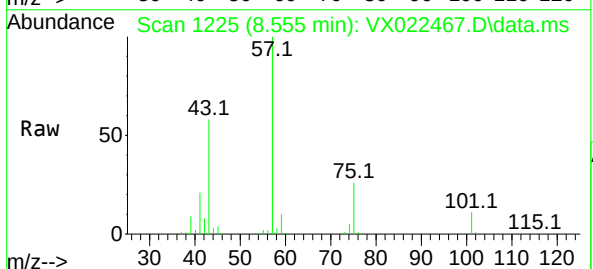
Instrument :
MSVOA_X
ClientSampled :

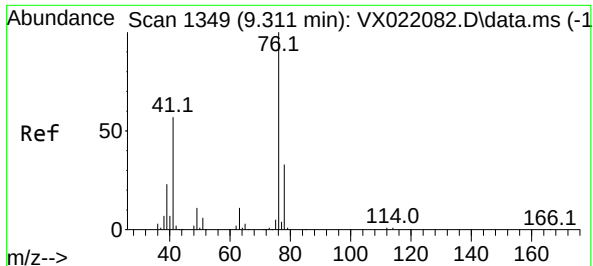
Tgt Ion: 92 Resp: 531
Ion Ratio Lower Upper
92 100
91 175.5 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 9.603 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 75 Resp: 15089
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 36.1 35.1 52.7



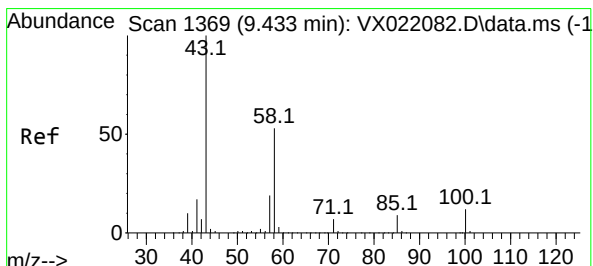
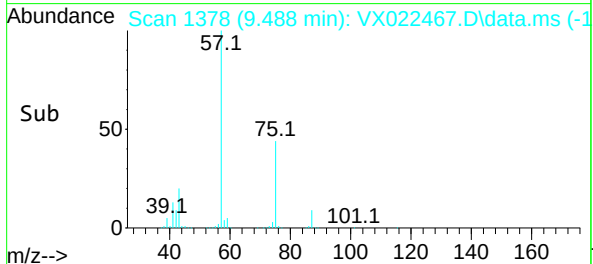
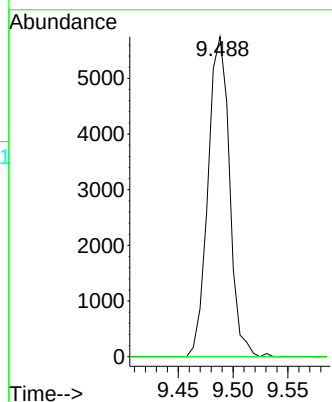
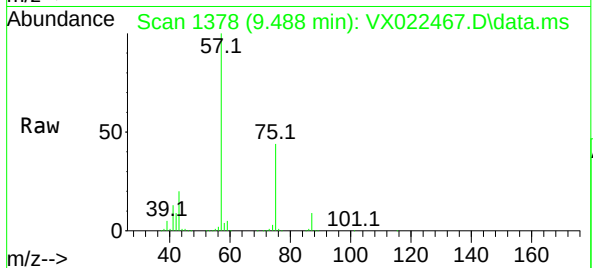


#57

1,3-Dichloropropane
Concen: 4.887 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Instrument :
MSVOA_X
ClientSampled :

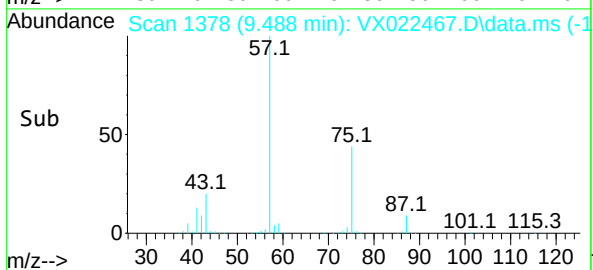
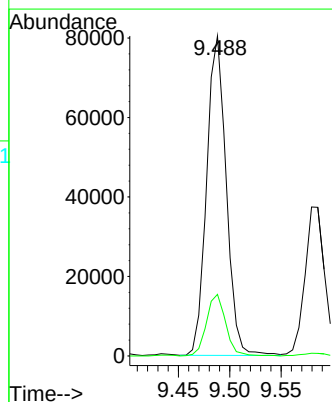
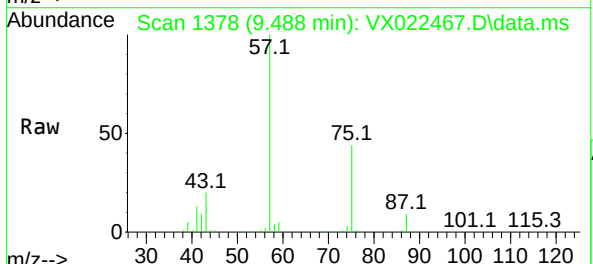
Tgt Ion: 76 Resp: 7842
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

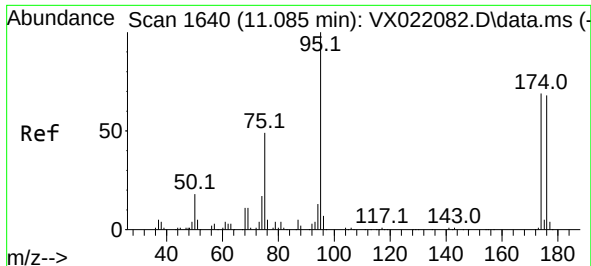


#59

2-Hexanone
Concen: 99.273 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 43 Resp: 106561
Ion Ratio Lower Upper
43 100
58 19.1 30.9 92.8#

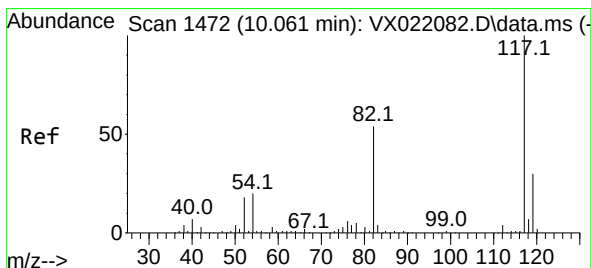
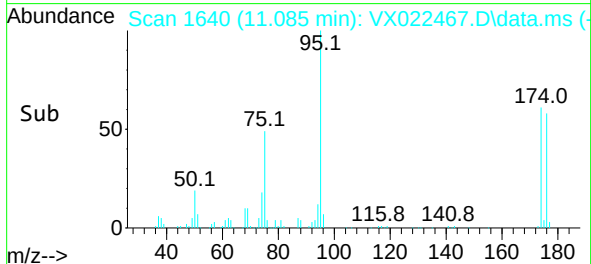
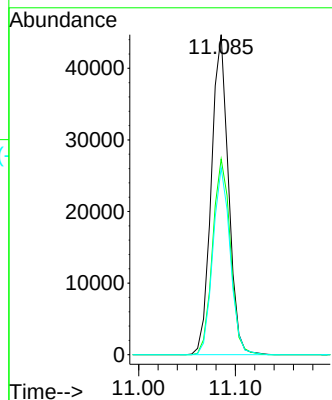
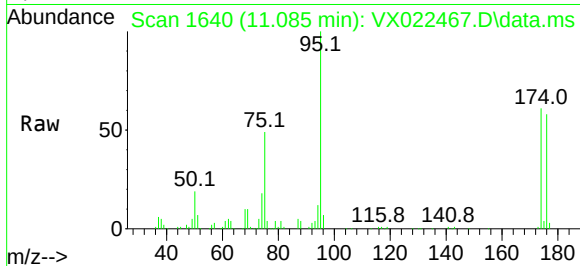




#62
4-Bromofluorobenzene
Concen: 47.399 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

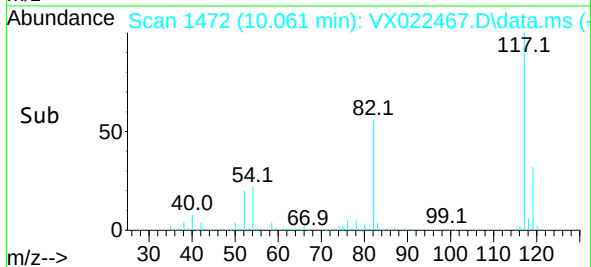
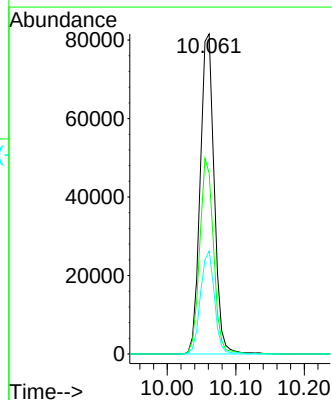
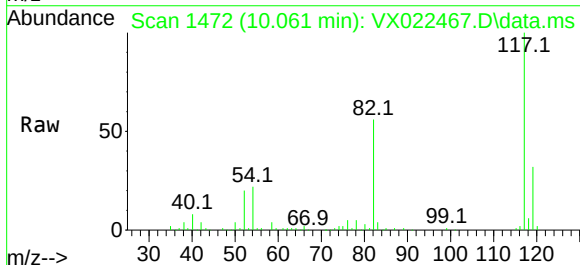
Instrument :
MSVOA_X
ClientSampleId :

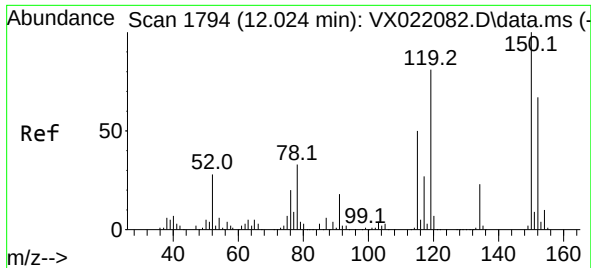
Tgt Ion: 95 Resp: 54997
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 59.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 117 Resp: 116283
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.2 26.6 39.8

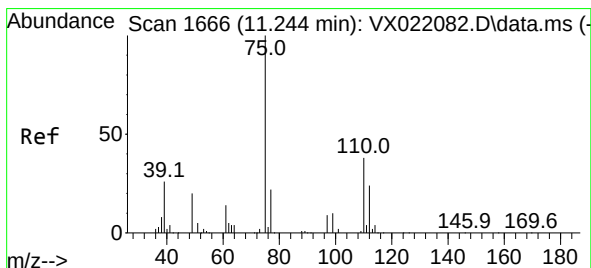
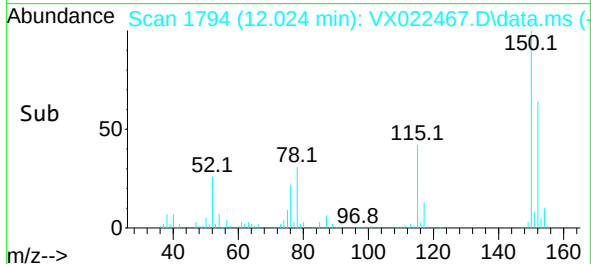
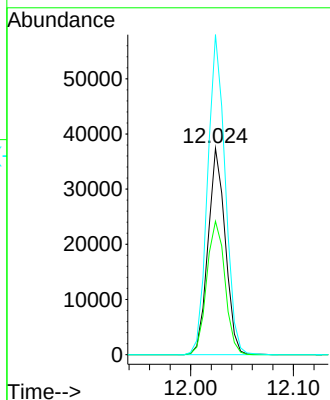
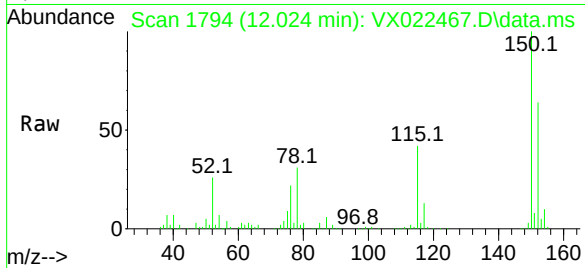




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022467.D
 Acq: 05 Jun 2021 13:23

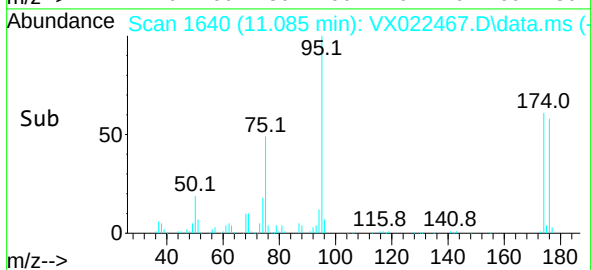
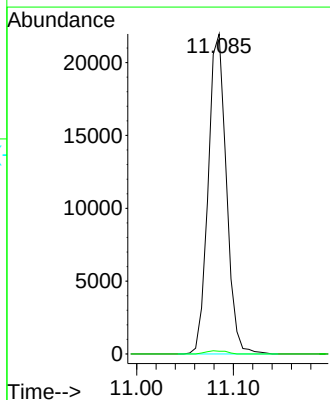
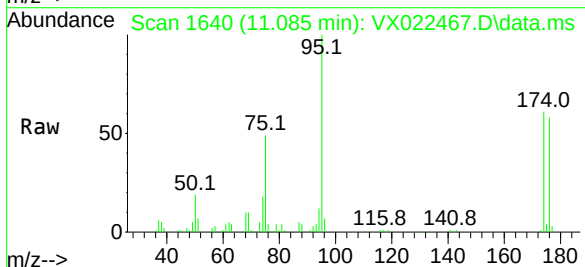
Instrument :
 MSVOA_X
 ClientSampled :

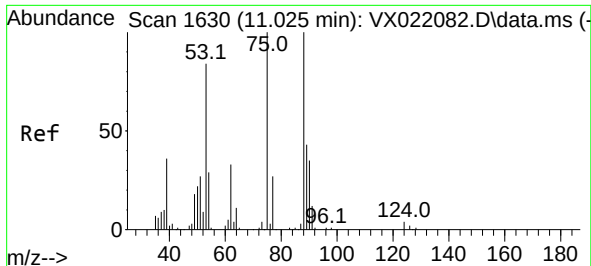
Tgt Ion:152 Resp: 43574
 Ion Ratio Lower Upper
 152 100
 115 68.4 41.1 123.3
 150 158.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.660 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022467.D
 Acq: 05 Jun 2021 13:23

Tgt Ion: 75 Resp: 28659
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

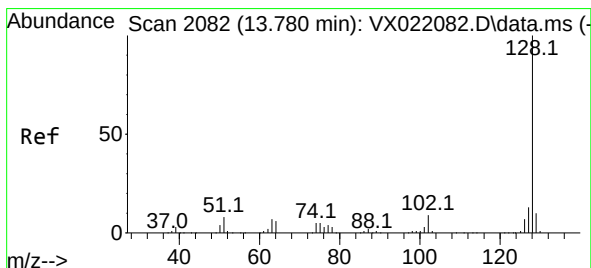
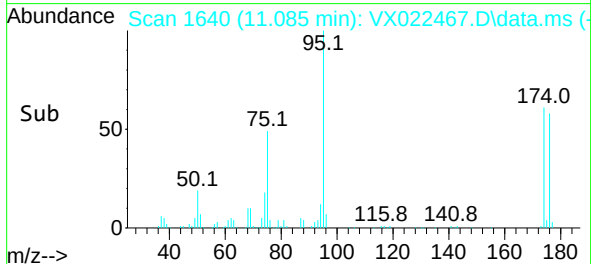
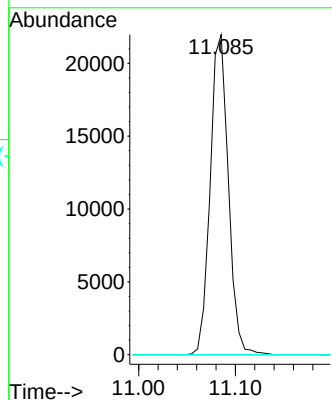
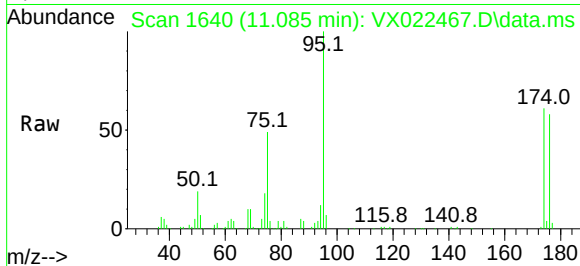




#81
trans-1,4-Dichloro-2-butene
Concen: 63.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28659
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.533 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022467.D
Acq: 05 Jun 2021 13:23

Tgt Ion: 128 Resp: 1816
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 10.8 8.8 13.2

