

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022451.D
 Acq On : 05 Jun 2021 06:44
 Operator : JC/MD
 Sample : PB136806ZHE#18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:47:01 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)

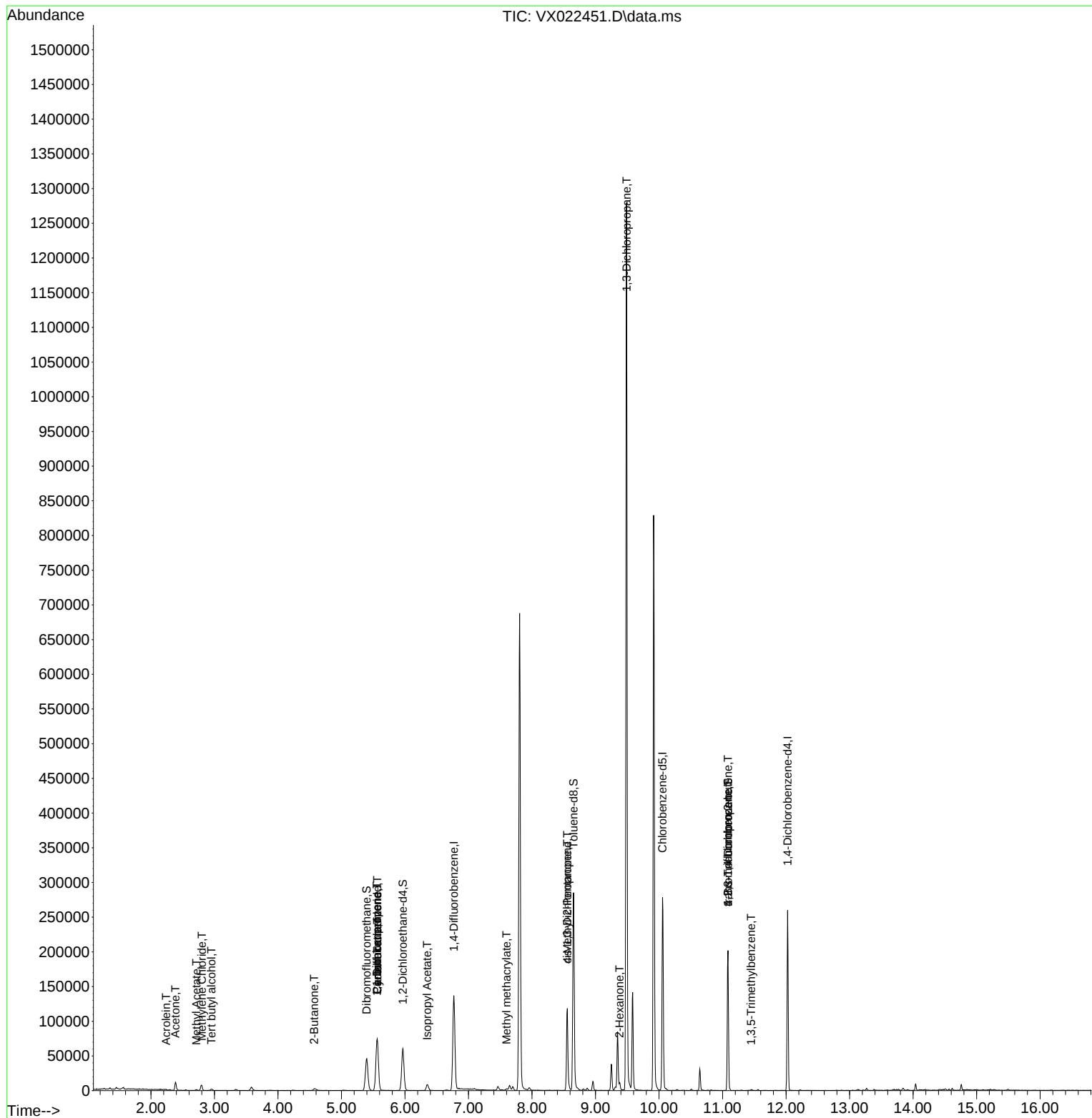
Internal Standards						
1) Pentafluorobenzene	5.562	168	64766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53233	53.283	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.560%			
35) Dibromofluoromethane	5.397	113	39517	45.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.560%			
50) Toluene-d8	8.653	98	165683	49.833	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.085	95	56441	45.928	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.860%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	1333	5.834	ug/l #	73
13) Acrolein	2.239	56	40	0.264	ug/l #	14
16) Acetone	2.386	43	12162	27.957	ug/l	98
18) Methyl Acetate	2.715	43	1909	1.650	ug/l #	71
20) Methylene Chloride	2.800	84	3418	3.539	ug/l #	86
25) 2-Butanone	4.568	43	3127	4.443	ug/l #	83
31) Cyclohexane	5.562	56	1882	1.499	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	6186	4.915	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7599	6.172	ug/l #	17
43) Isopropyl Acetate	6.348	43	11913	4.721	ug/l	94
48) Methyl methacrylate	7.598	41	3366	2.894	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	42093	27.847	ug/l #	46
54) cis-1,3-Dichloropropene	8.555	75	19198	11.536	ug/l #	64
57) 1,3-Dichloropropane	9.488	76	10843	6.379	ug/l #	42
59) 2-Hexanone	9.378	43	6394	5.624	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	29678	26.548	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	689	0.217	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.085	75	29678	62.901	ug/l #	12

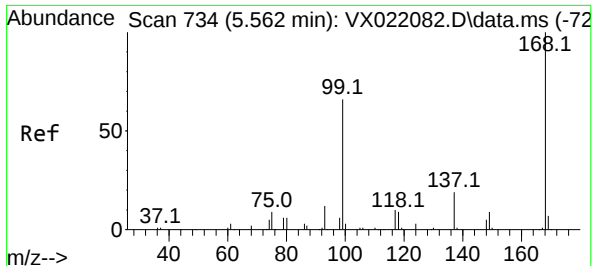
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 05 07:47:01 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

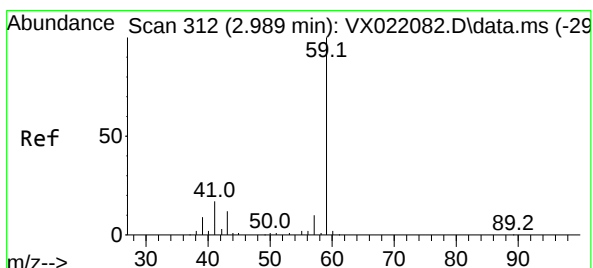
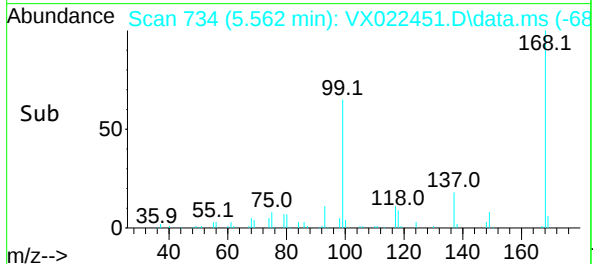
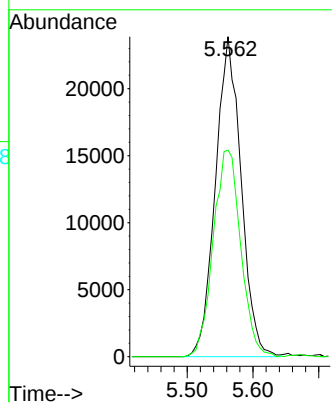
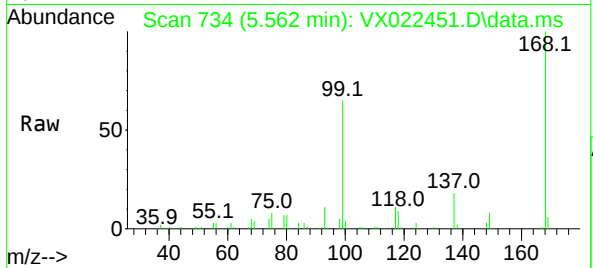




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

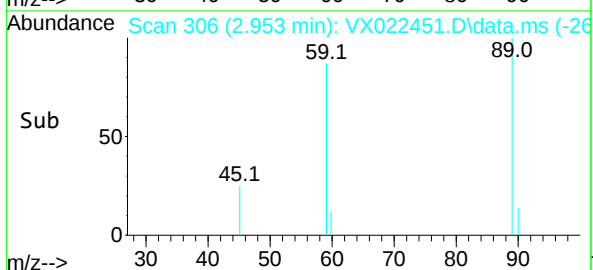
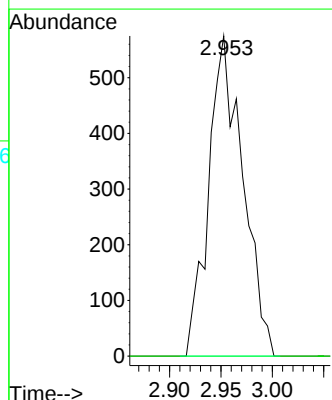
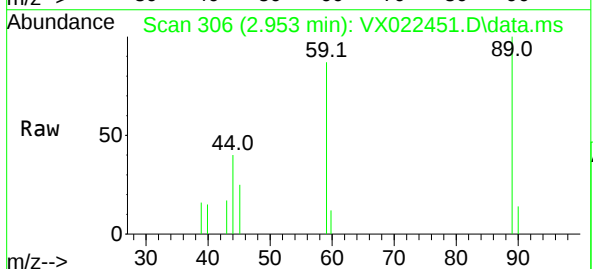
Instrument :
MSVOA_X
ClientSampleId :

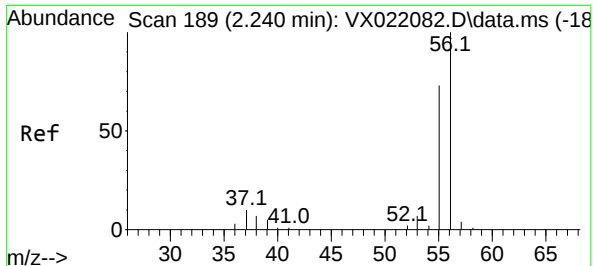
Tgt Ion:168 Resp: 64766
Ion Ratio Lower Upper
168 100
99 64.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.834 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 59 Resp: 1333
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

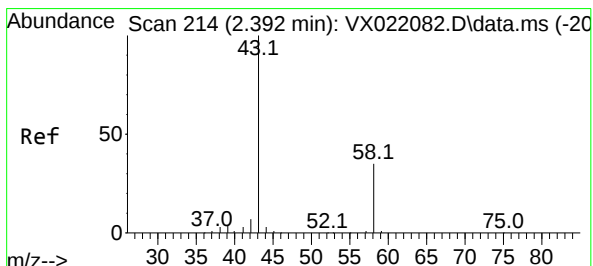
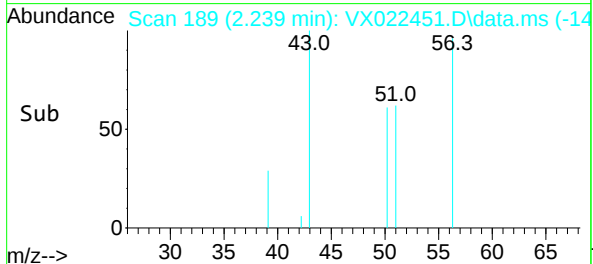
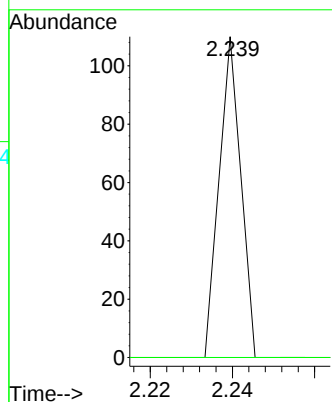
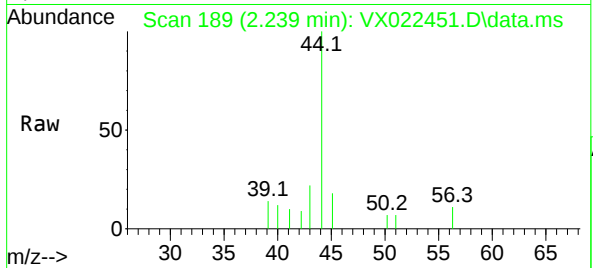




#13
Acrolein
Concen: 0.264 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

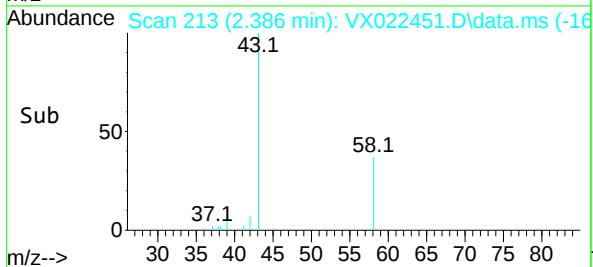
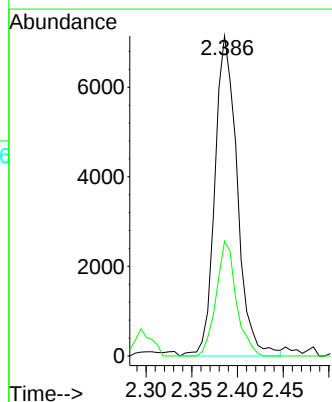
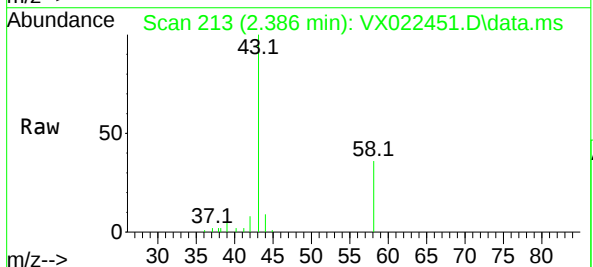
Instrument :
MSVOA_X
ClientSampled :

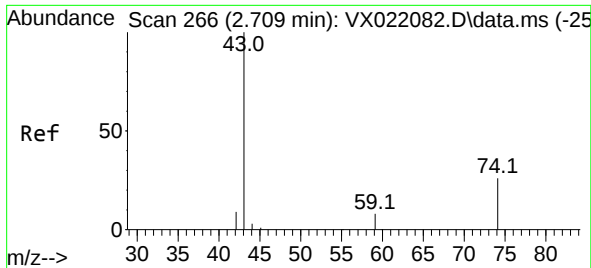
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 27.957 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 43 Resp: 12162
Ion Ratio Lower Upper
43 100
58 35.9 27.8 41.8

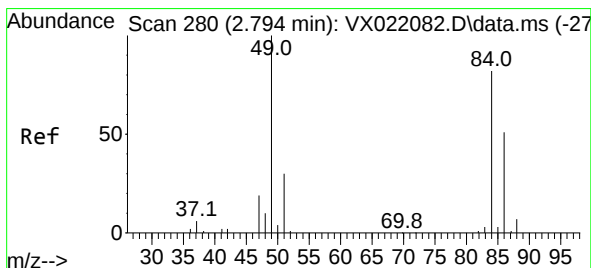
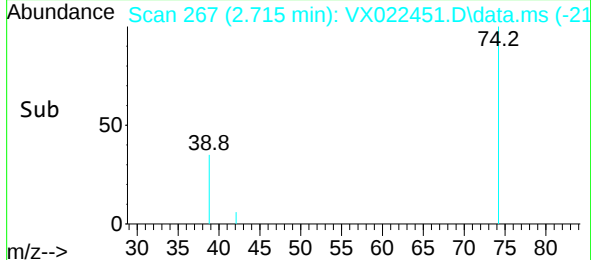
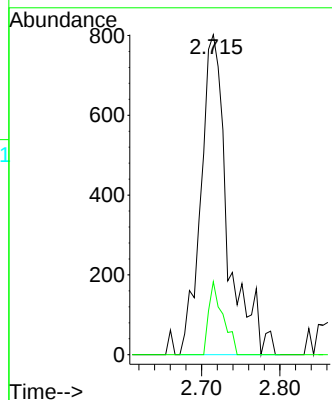
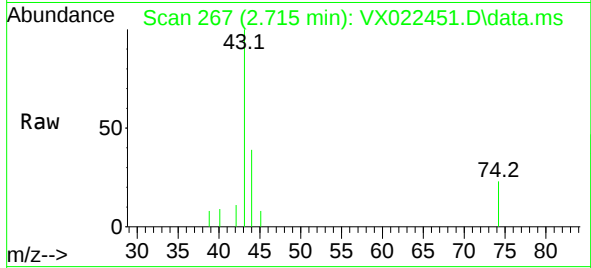




#18
Methyl Acetate
Concen: 1.650 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

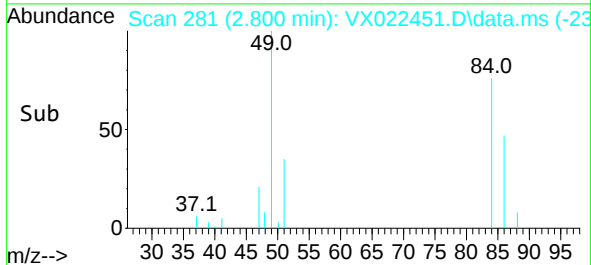
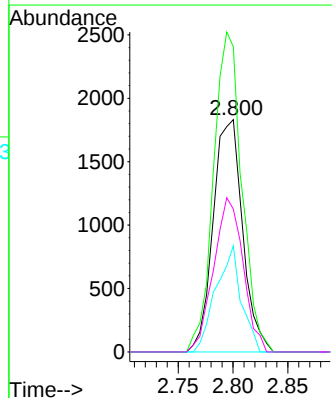
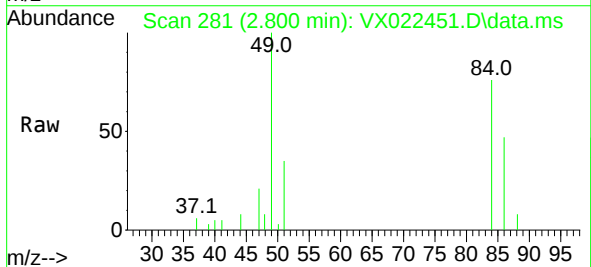
Instrument :
MSVOA_X
ClientSampled :

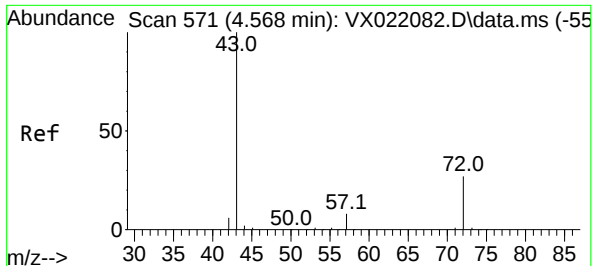
Tgt Ion: 43 Resp: 1909
Ion Ratio Lower Upper
43 100
74 12.0 21.9 32.9#



#20
Methylene Chloride
Concen: 3.539 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 84 Resp: 3418
Ion Ratio Lower Upper
84 100
49 131.4 88.6 132.8
51 45.6 27.0 40.6#
86 61.5 50.3 75.5

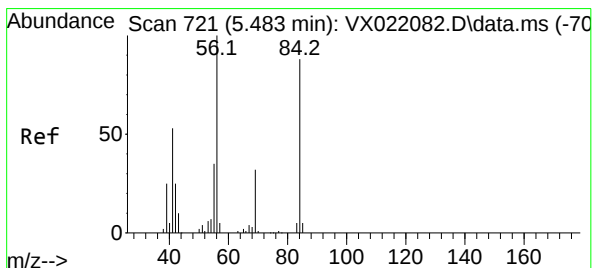
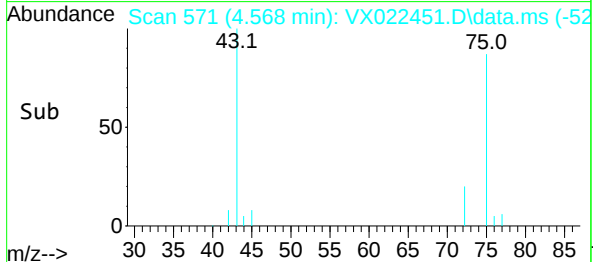
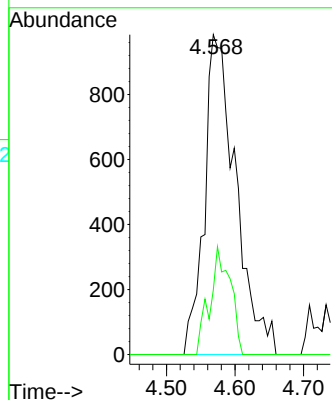
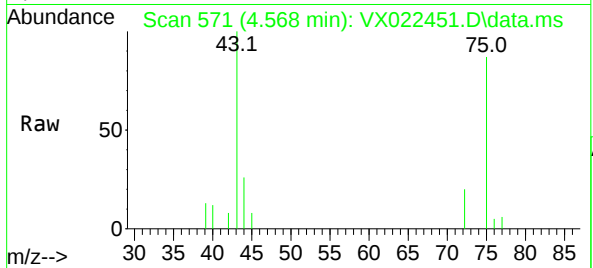




#25
2-Butanone
Concen: 4.443 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

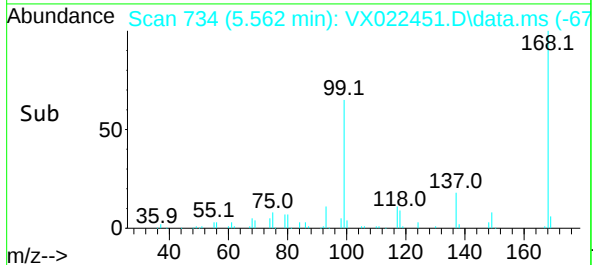
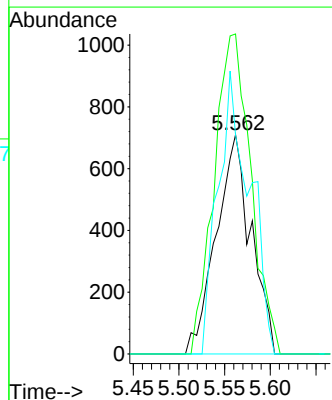
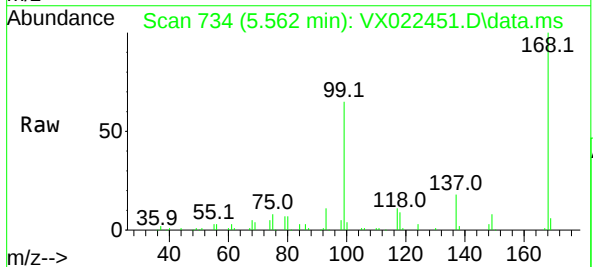
Instrument :
MSVOA_X
ClientSampled :

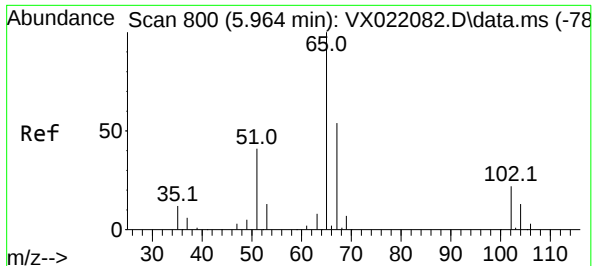
Tgt Ion: 43 Resp: 3127
Ion Ratio Lower Upper
43 100
72 20.2 23.7 35.5#



#31
Cyclohexane
Concen: 1.499 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 56 Resp: 1882
Ion Ratio Lower Upper
56 100
69 145.9 25.3 37.9#
84 99.7 71.4 107.0

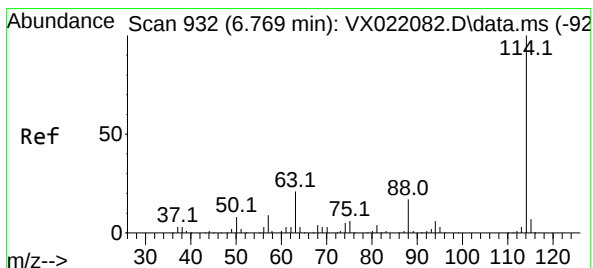
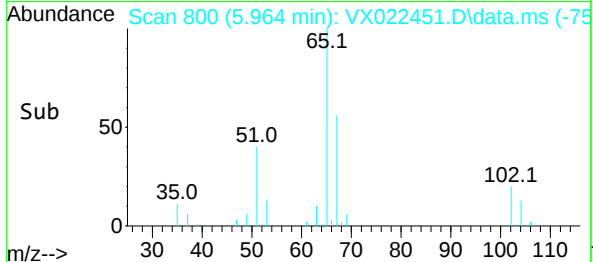
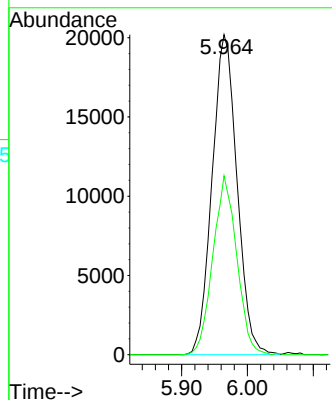
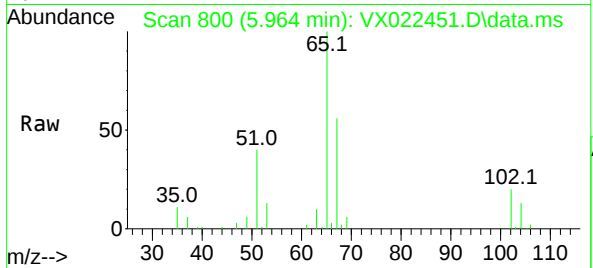




#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

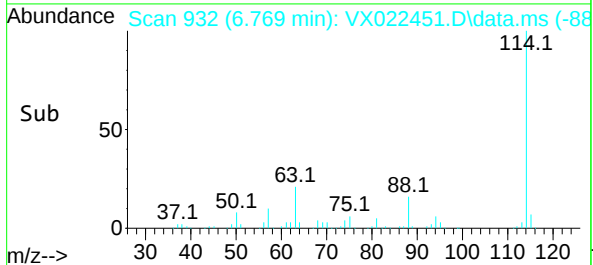
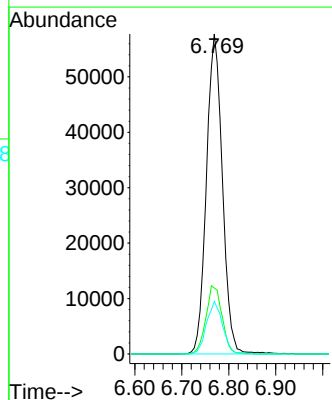
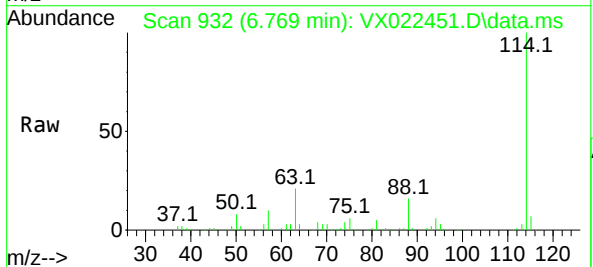
Instrument :
MSVOA_X
ClientSampleId :

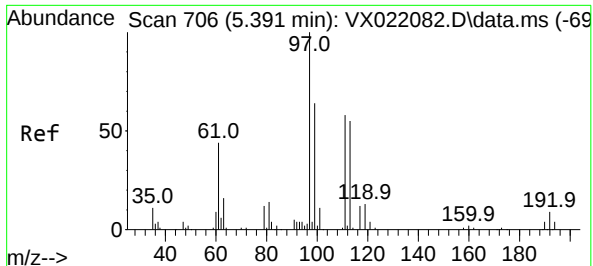
Tgt Ion: 65 Resp: 53233
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 114 Resp: 136104
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.785 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022451.D

Acq: 05 Jun 2021 06:44

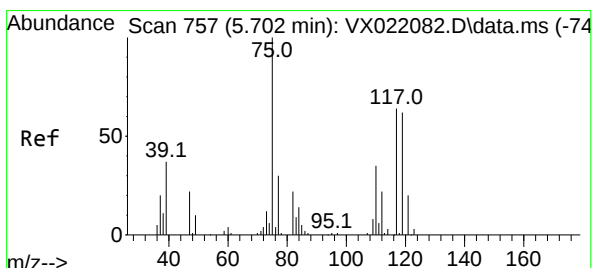
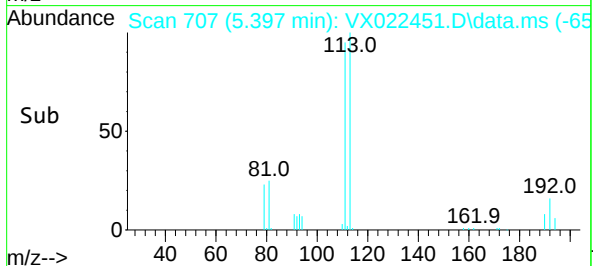
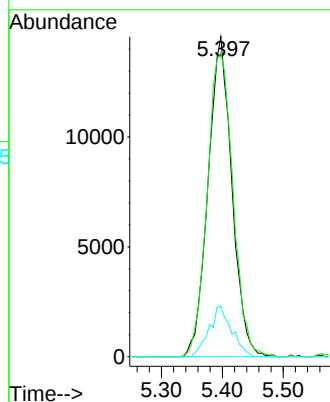
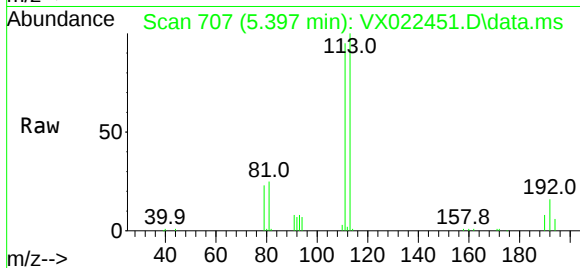
Tgt Ion:113 Resp: 39517

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 15.0 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.915 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022451.D

Acq: 05 Jun 2021 06:44

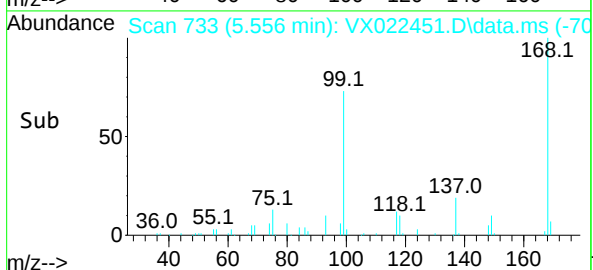
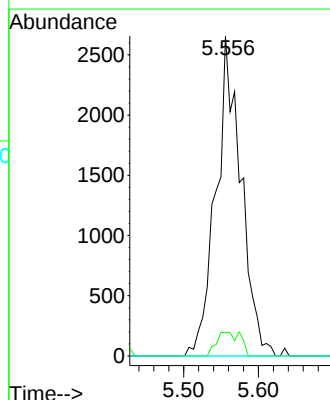
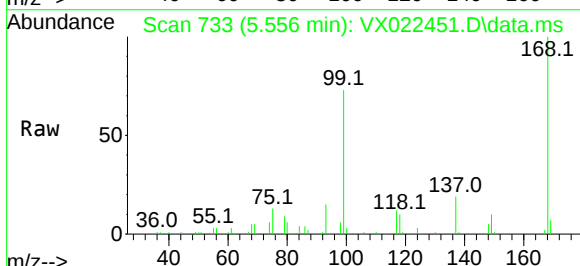
Tgt Ion: 75 Resp: 6186

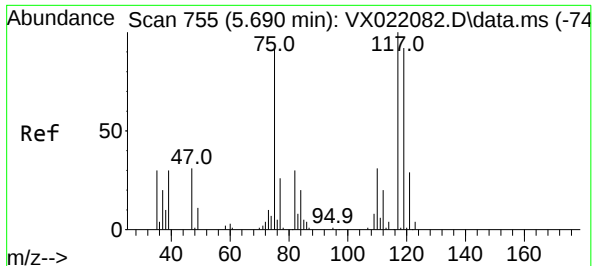
Ion Ratio Lower Upper

75 100

110 7.2 18.1 54.4#

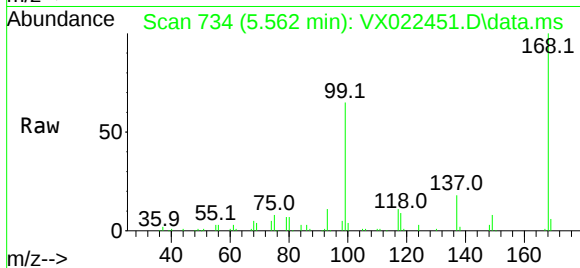
77 0.0 25.3 37.9#



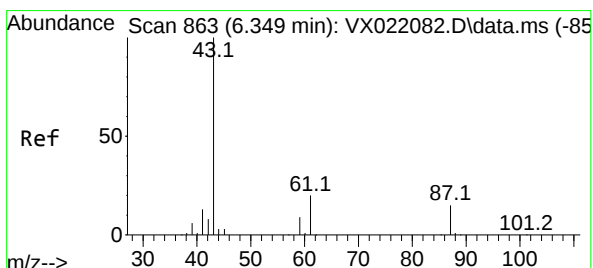
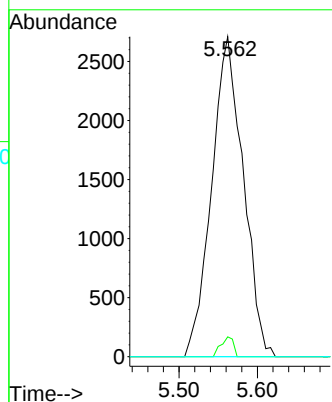
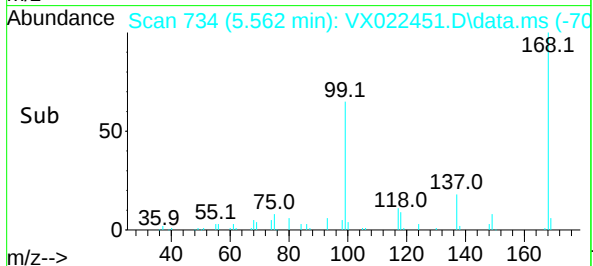


#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

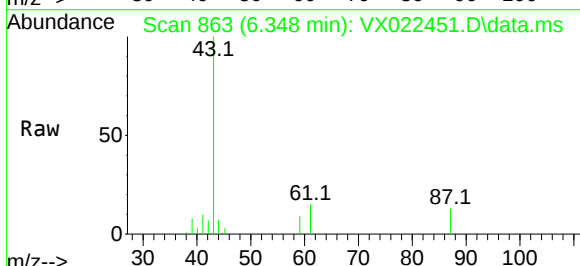
Instrument :
MSVOA_X
ClientSampled :



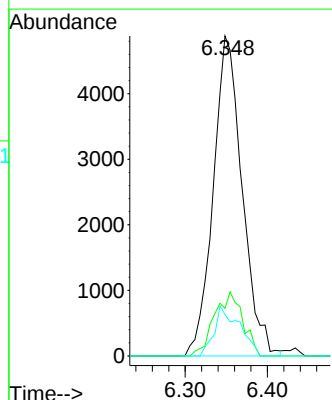
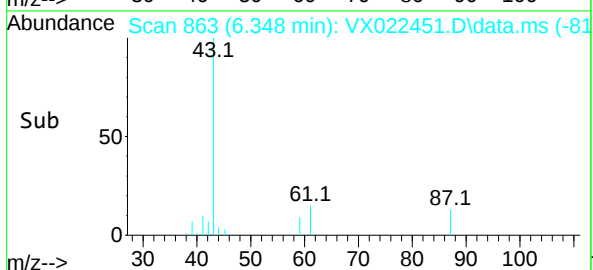
Tgt Ion:117 Resp: 7599
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

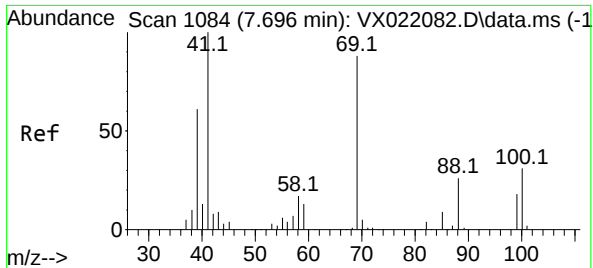


#43
Isopropyl Acetate
Concen: 4.721 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44



Tgt Ion: 43 Resp: 11913
Ion Ratio Lower Upper
43 100
61 19.7 18.2 27.4
87 13.5 12.5 18.7

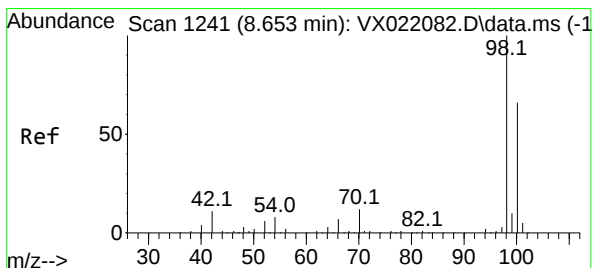
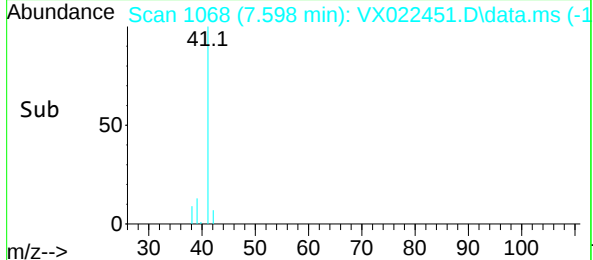
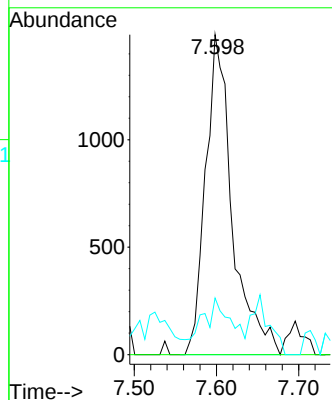
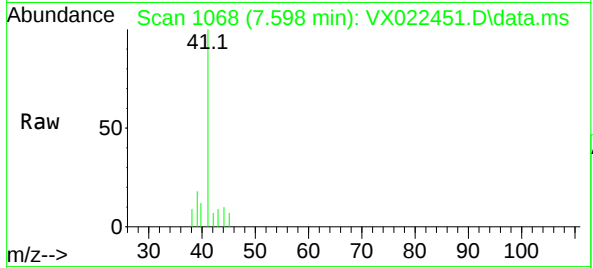




#48
Methyl methacrylate
Concen: 2.894 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

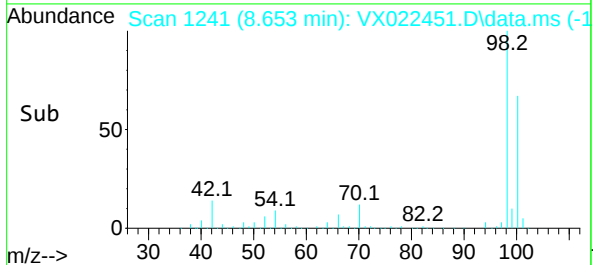
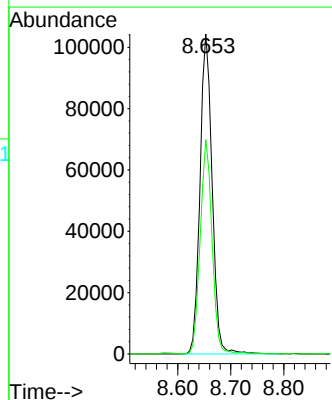
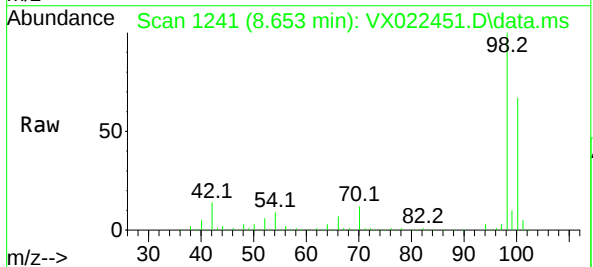
Instrument :
MSVOA_X
ClientSampled :

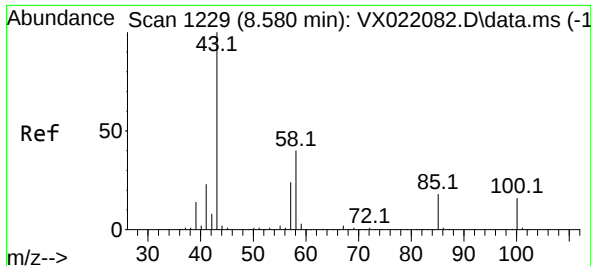
Tgt Ion: 41 Resp: 3366
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 49.833 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 98 Resp: 165683
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

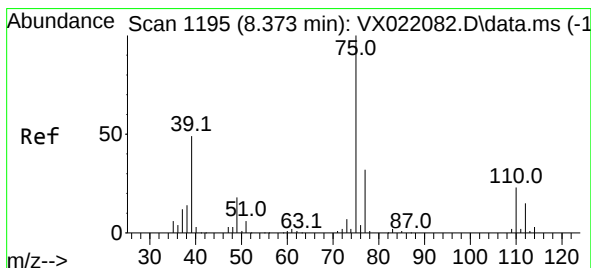
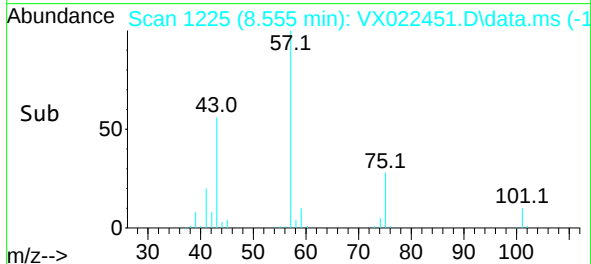
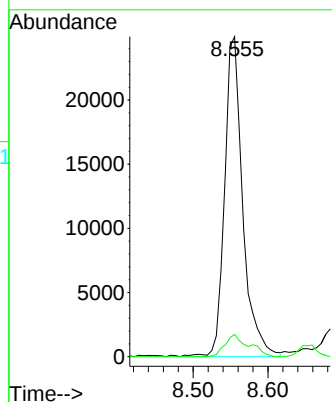
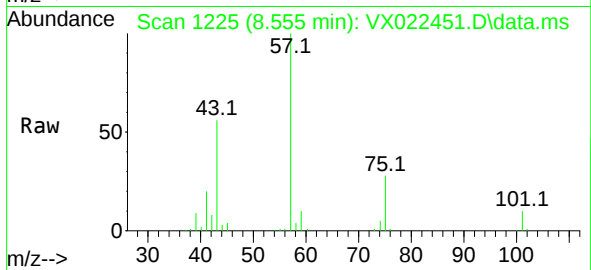




#51
4-Methyl-2-Pentanone
Concen: 27.847 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

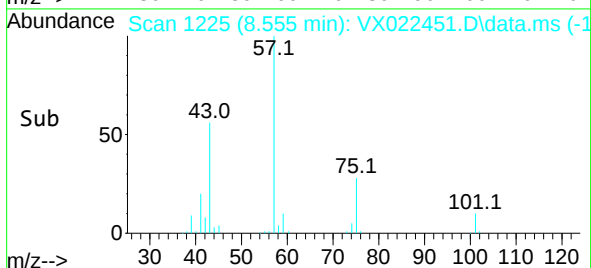
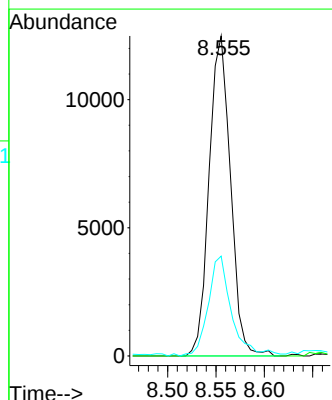
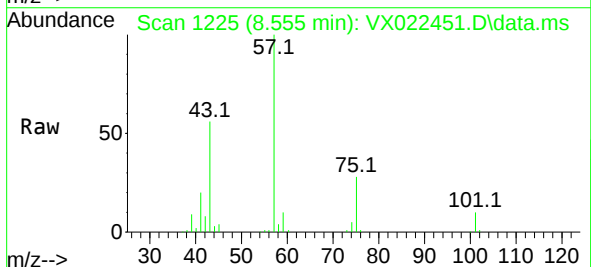
Instrument :
MSVOA_X
ClientSampled :

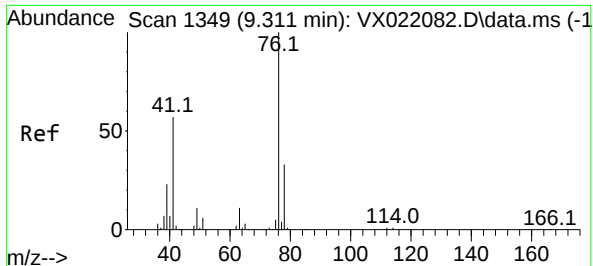
Tgt Ion: 43 Resp: 42093
Ion Ratio Lower Upper
43 100
58 9.1 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.536 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 75 Resp: 19198
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 31.2 35.1 52.7#

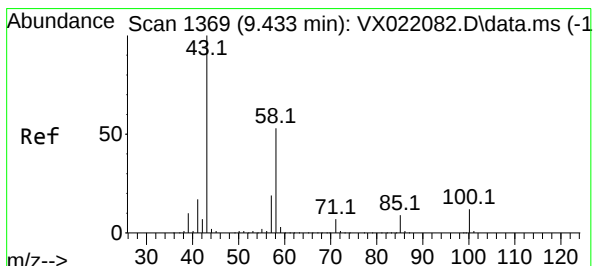
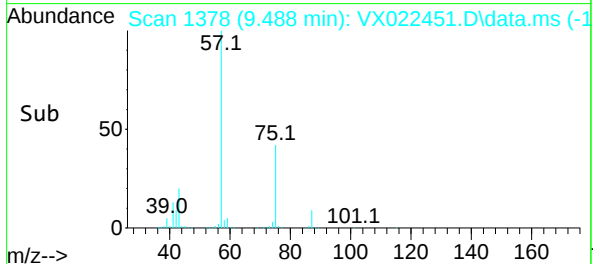
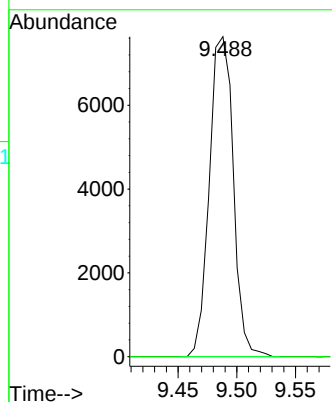
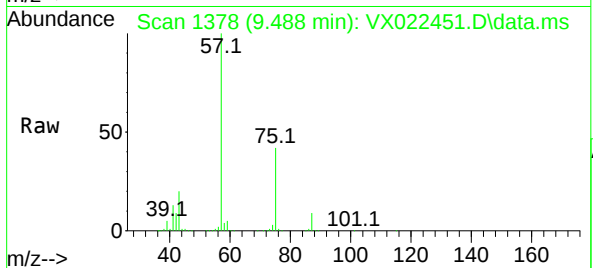




#57
1,3-Dichloropropane
Concen: 6.379 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

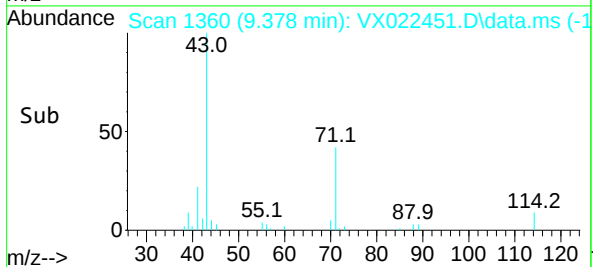
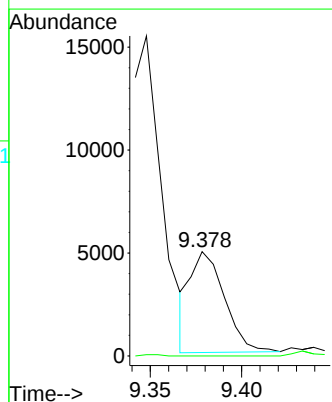
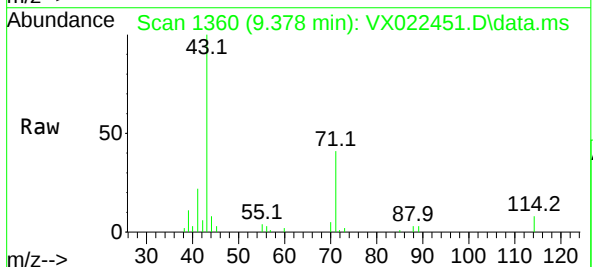
Instrument :
MSVOA_X
ClientSampleId :

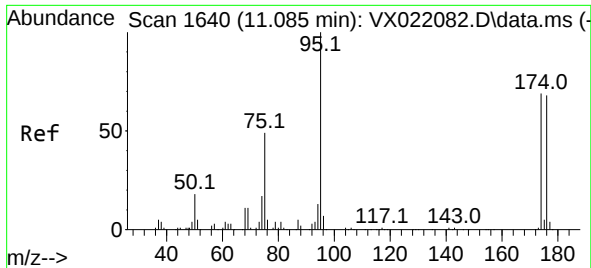
Tgt Ion: 76 Resp: 10843
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#



#59
2-Hexanone
Concen: 5.624 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 43 Resp: 6394
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

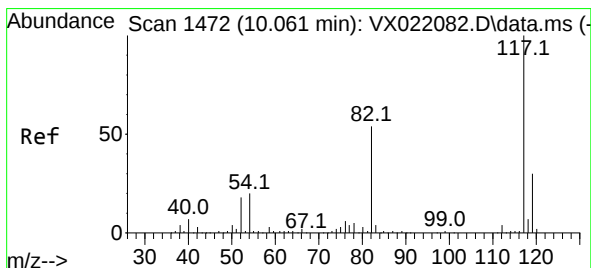
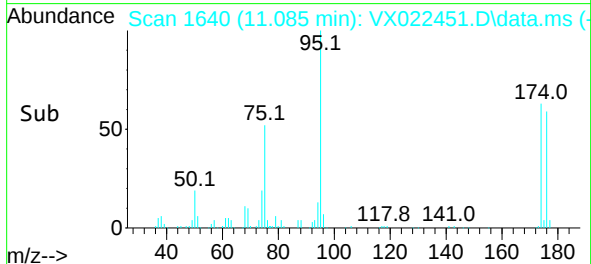
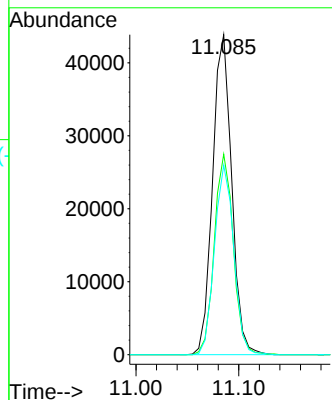
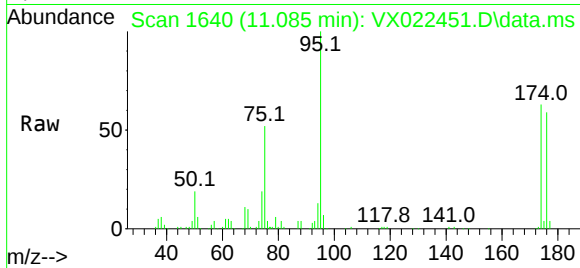




#62
4-Bromofluorobenzene
Concen: 45.928 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

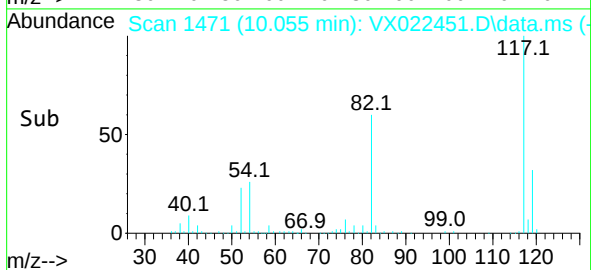
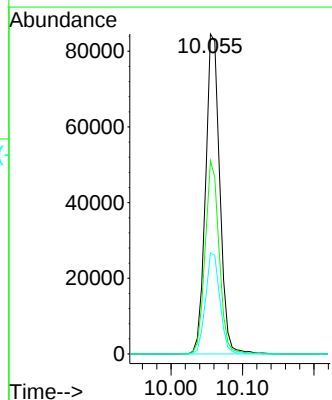
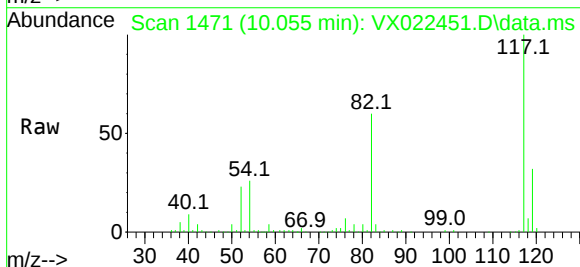
Instrument :
MSVOA_X
ClientSampleId :

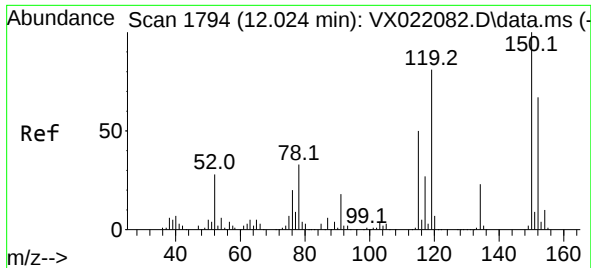
Tgt Ion: 95 Resp: 56441
Ion Ratio Lower Upper
95 100
174 62.4 0.0 154.6
176 59.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 117 Resp: 117100
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.6 26.6 39.8

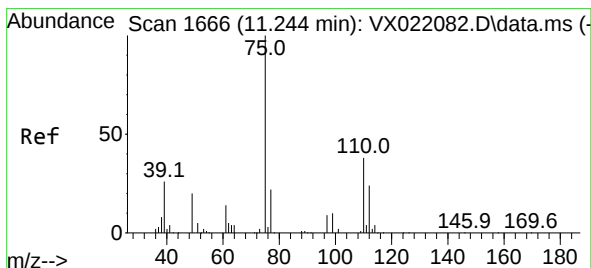
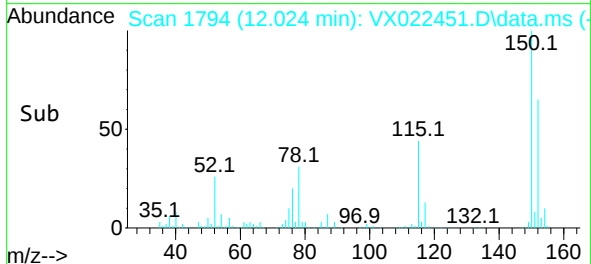
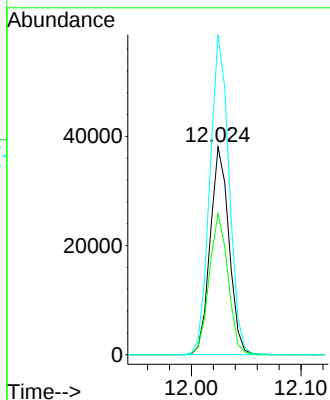
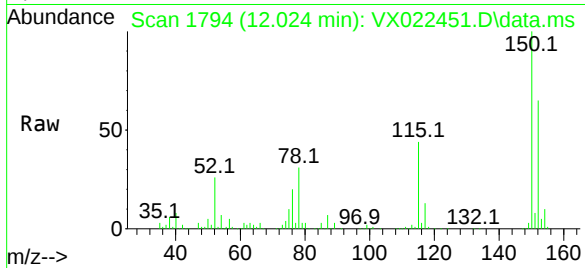




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022451.D
 Acq: 05 Jun 2021 06:44

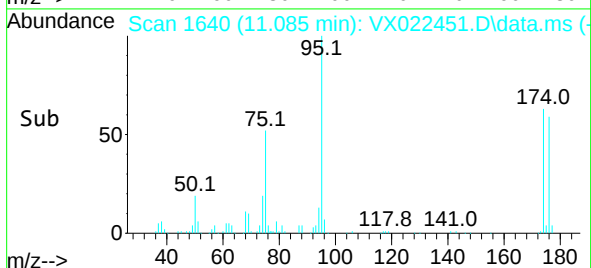
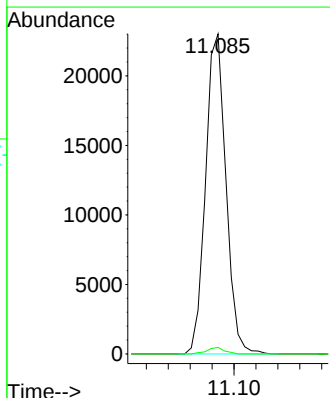
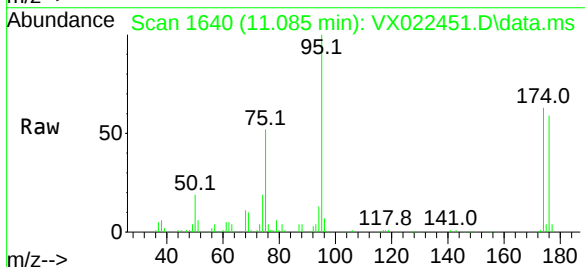
Instrument :
 MSVOA_X
 ClientSampled :

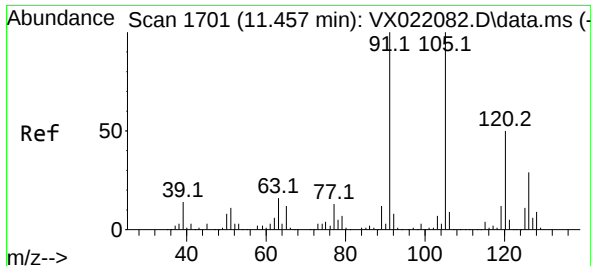
Tgt Ion:152 Resp: 45314
 Ion Ratio Lower Upper
 152 100
 115 67.6 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.548 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022451.D
 Acq: 05 Jun 2021 06:44

Tgt Ion: 75 Resp: 29678
 Ion Ratio Lower Upper
 75 100
 77 1.8 19.1 57.5#

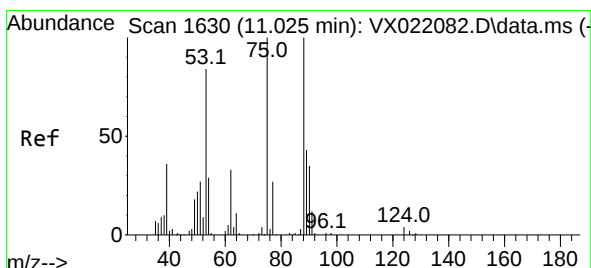
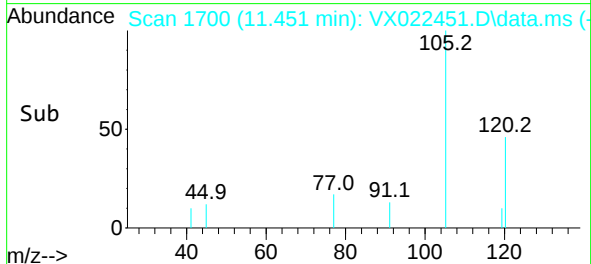
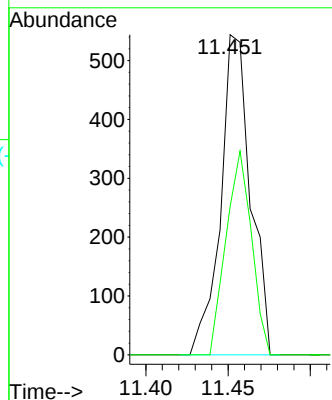
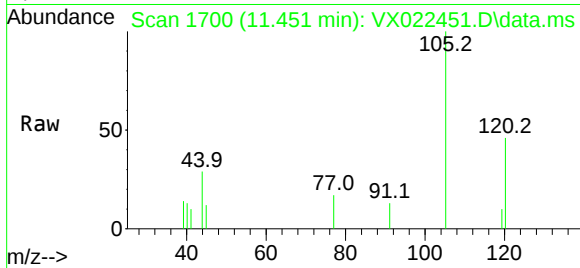




#80
1,3,5-Trimethylbenzene
Concen: 0.217 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 689
Ion Ratio Lower Upper
105 100
120 53.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.901 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022451.D
Acq: 05 Jun 2021 06:44

Tgt Ion: 75 Resp: 29678
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

