

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023513.D
 Acq On : 29 Jul 2021 15:11
 Operator : JC/MD
 Sample : PB138025ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 03:42:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

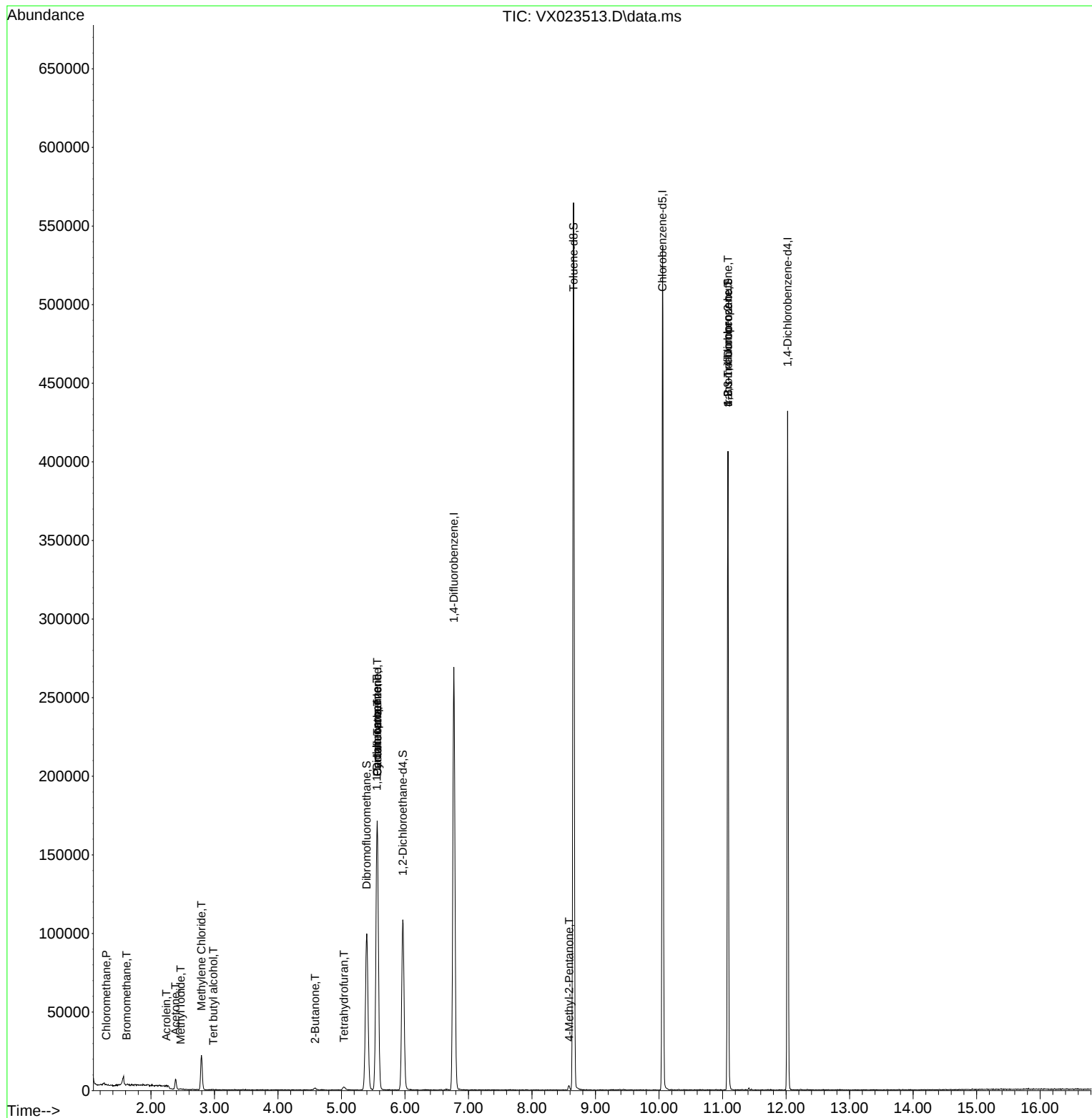
Internal Standards						
1) Pentafluorobenzene	5.562	168	161504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104074	51.659	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.320%		
35) Dibromofluoromethane	5.397	113	86593	51.143	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.280%		
50) Toluene-d8	8.653	98	326939	52.556	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.120%		
62) 4-Bromofluorobenzene	11.085	95	100088	47.316	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.640%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	385	0.222	ug/l #	68
5) Bromomethane	1.617	94	565	0.543	ug/l #	64
10) Methyl Iodide	2.465	142	731	0.365	ug/l #	88
11) Tert butyl alcohol	2.983	59	263	0.571	ug/l #	73
13) Acrolein	2.239	56	89	1.742	ug/l #	42
16) Acetone	2.385	43	7128	7.213	ug/l #	87
20) Methylene Chloride	2.794	84	9803	5.100	ug/l	97
25) 2-Butanone	4.586	43	2195	1.431	ug/l	99
29) Tetrahydrofuran	5.037	42	1633	1.624	ug/l #	39
31) Cyclohexane	5.562	56	3382	1.133	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	12367	5.048	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16542	6.640	ug/l #	17
51) 4-Methyl-2-Pentanone	8.586	43	1762	0.602	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	51897	27.519	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51897	73.994	ug/l #	12

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

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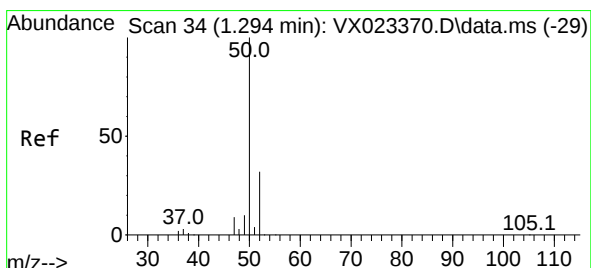
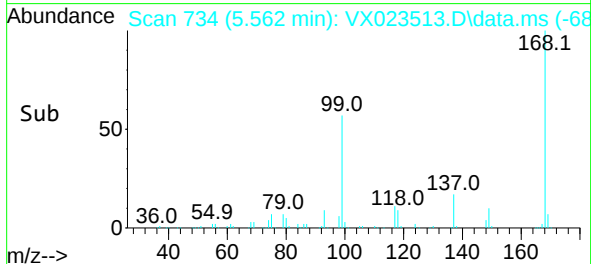
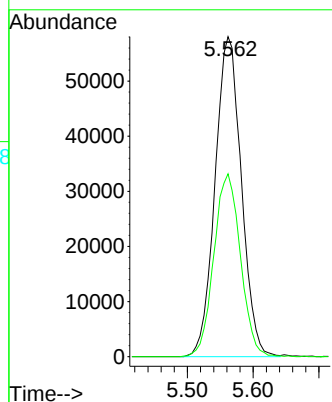
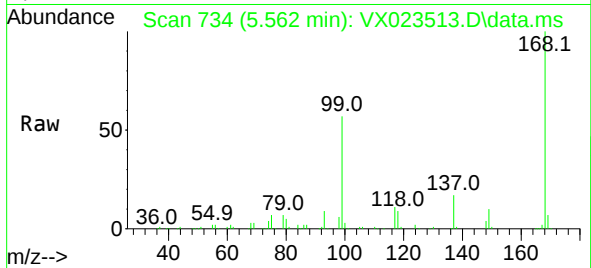




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

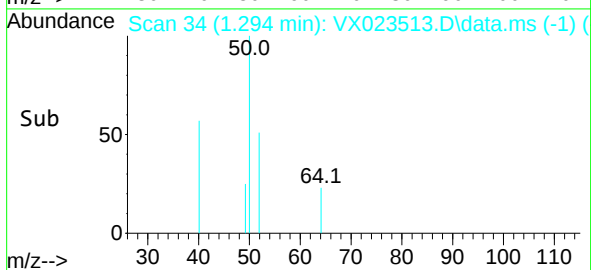
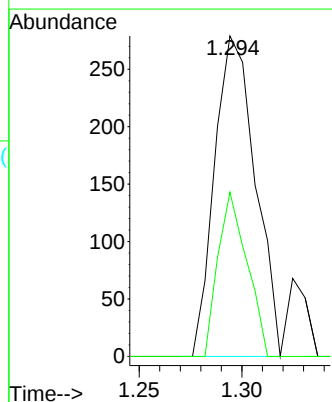
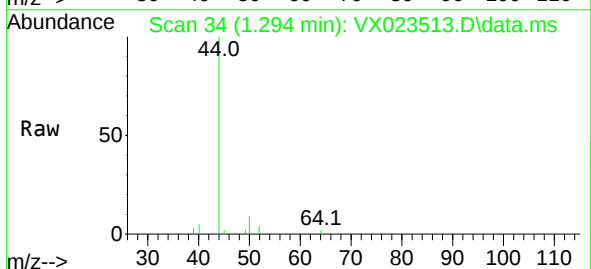
Instrument :
MSVOA_X
ClientSampleId :

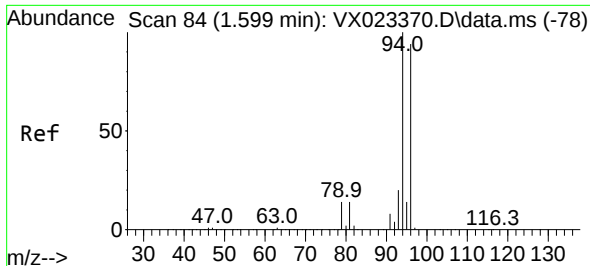
Tgt Ion:168 Resp: 161504
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#3
Chloromethane
Concen: 0.222 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 50 Resp: 385
Ion Ratio Lower Upper
50 100
52 51.3 26.4 39.6#

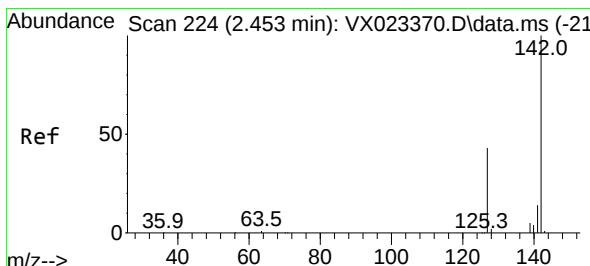
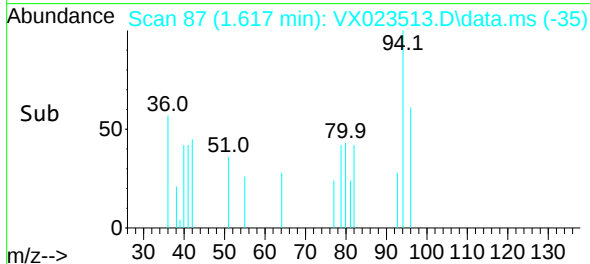
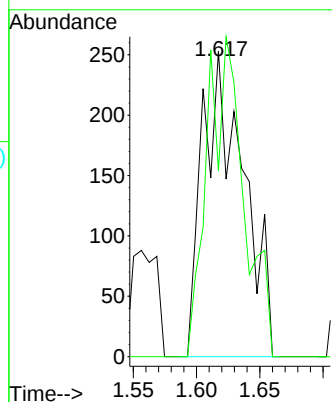
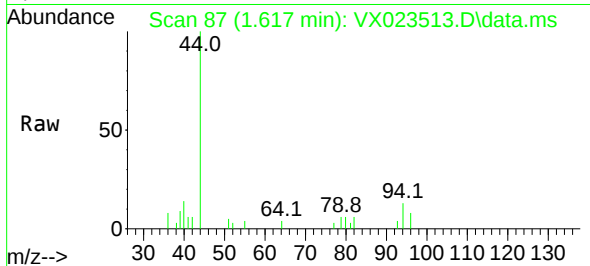




#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

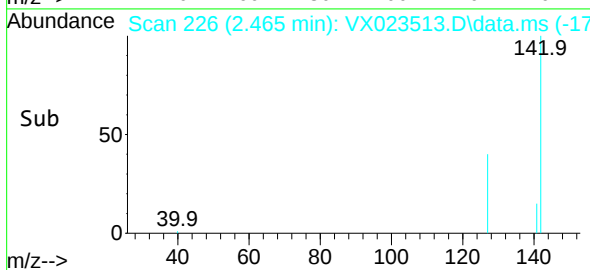
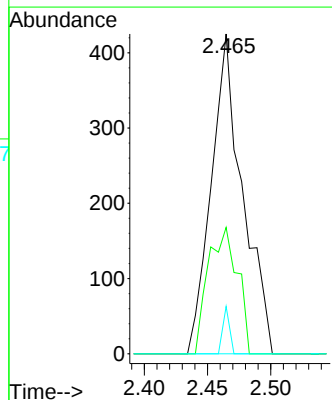
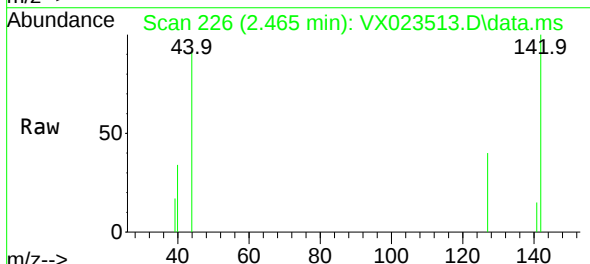
Instrument :
MSVOA_X
ClientSampled :

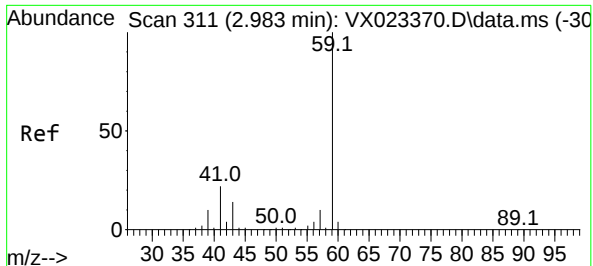
Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 60.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.365 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 142 Resp: 731
Ion Ratio Lower Upper
142 100
127 36.9 33.3 49.9
141 3.1 11.4 17.0#

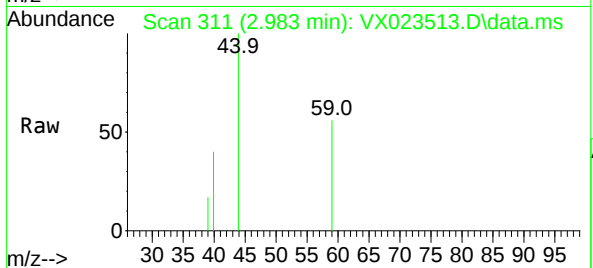




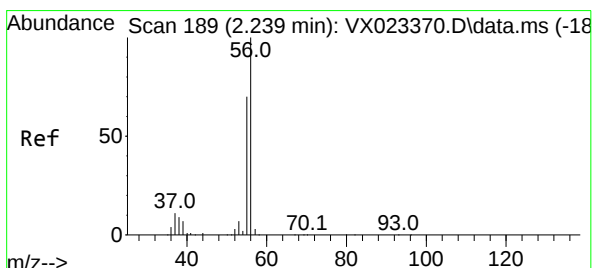
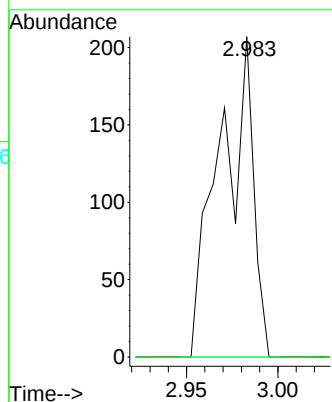
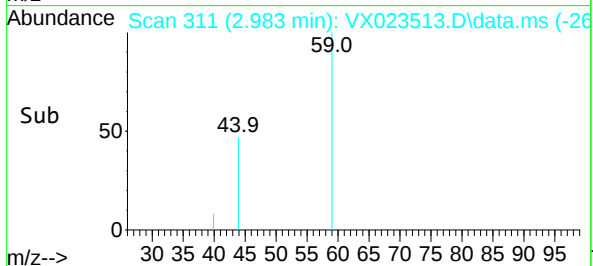
#11

Tert butyl alcohol
Concen: 0.571 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampled :

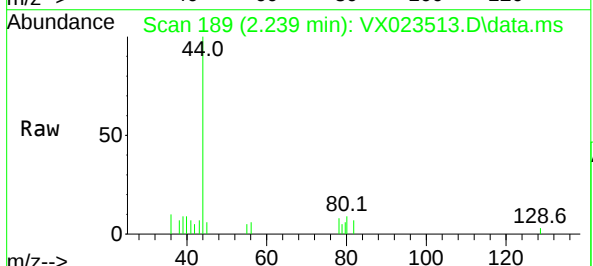


Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

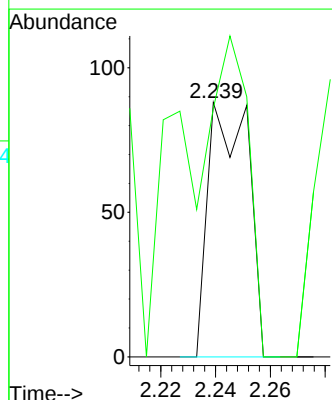
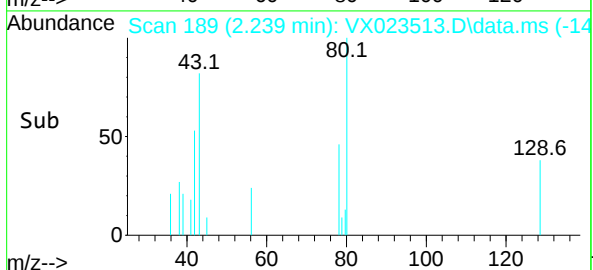


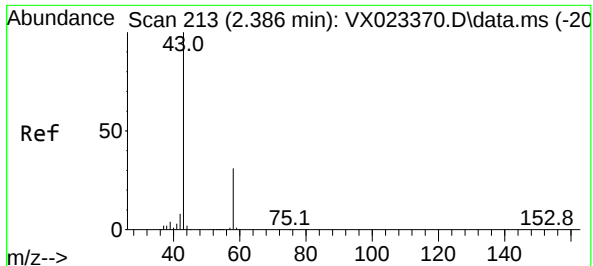
#13

Acrolein
Concen: 1.742 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11



Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 118.0 56.4 84.6#

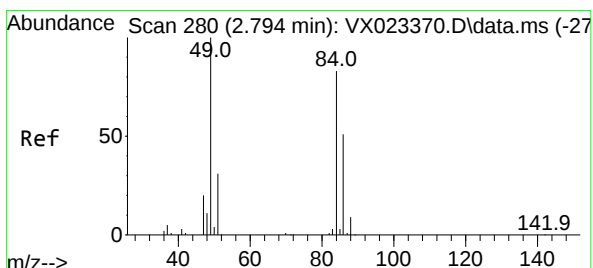
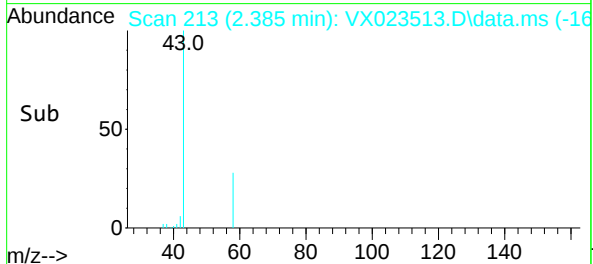
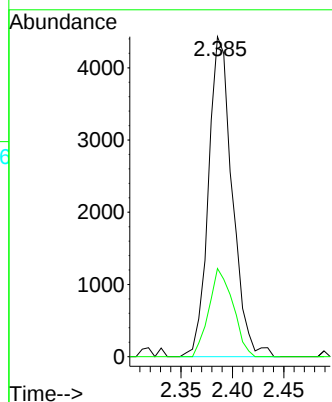
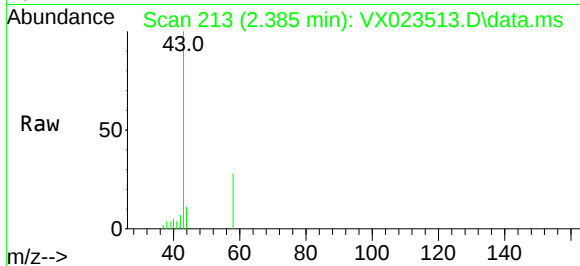




#16
Acetone
Concen: 7.213 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

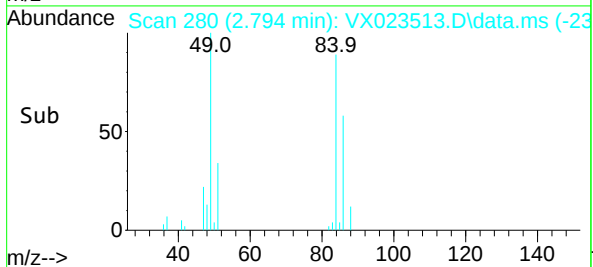
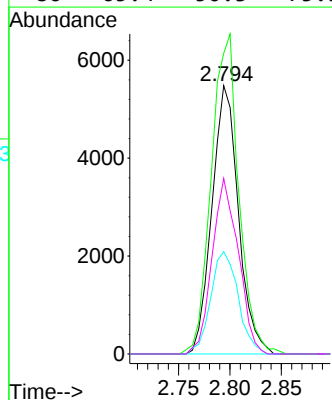
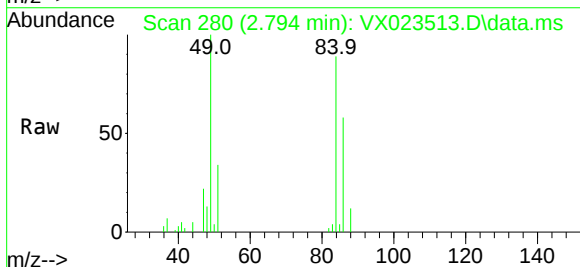
Instrument :
MSVOA_X
ClientSampled :

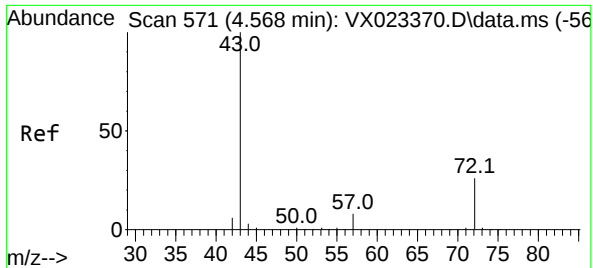
Tgt Ion: 43 Resp: 7128
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#



#20
Methylene Chloride
Concen: 5.100 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 84 Resp: 9803
Ion Ratio Lower Upper
84 100
49 112.1 88.6 132.8
51 38.1 27.0 40.6
86 65.4 50.3 75.5

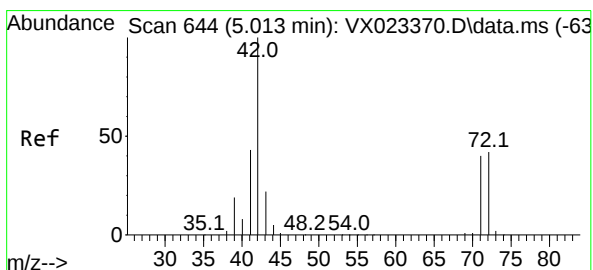
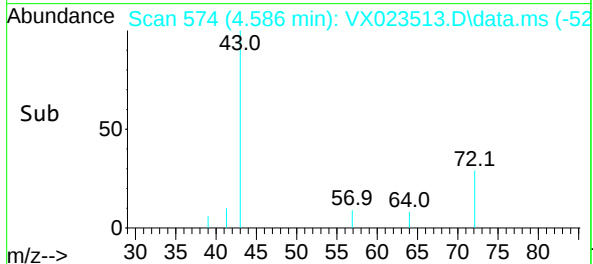
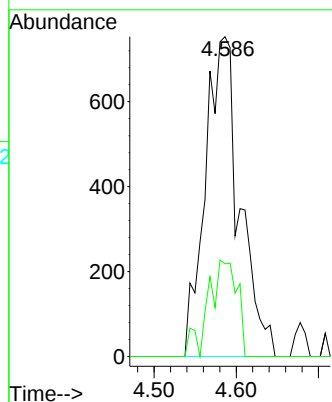
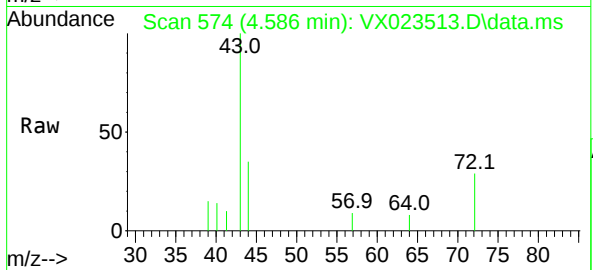




#25
2-Butanone
Concen: 1.431 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

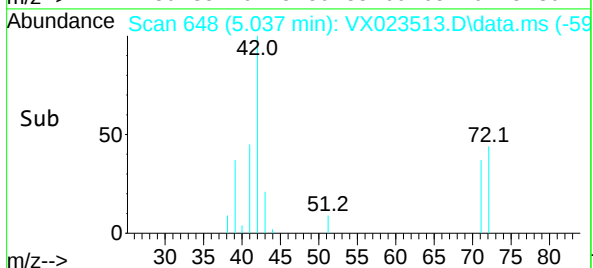
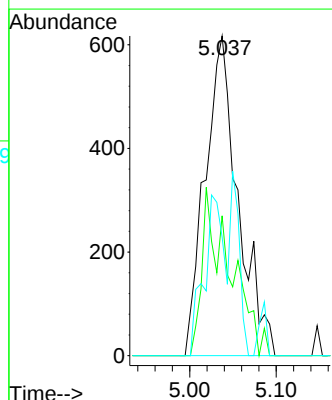
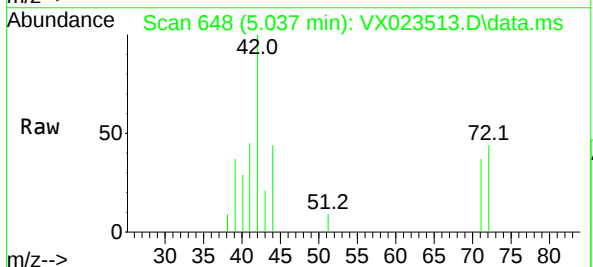
Instrument :
MSVOA_X
ClientSampleId :

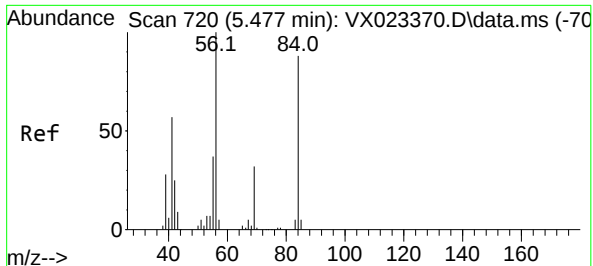
Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.624 ug/l
RT: 5.037 min Scan# 648
Delta R.T. 0.024 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

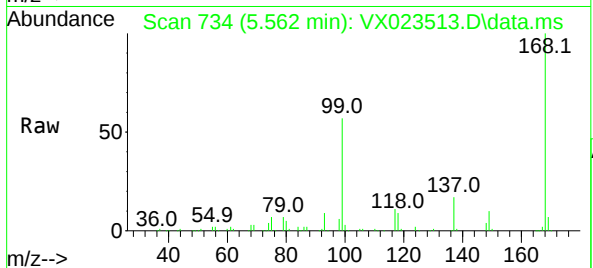
Tgt Ion: 42 Resp: 1633
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 15.7 38.4 57.6#



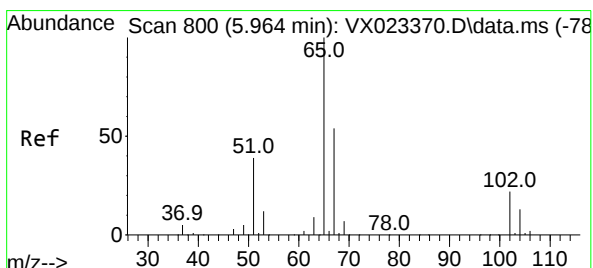
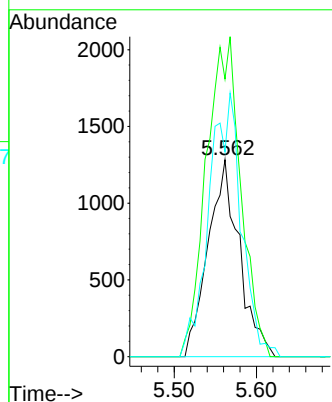
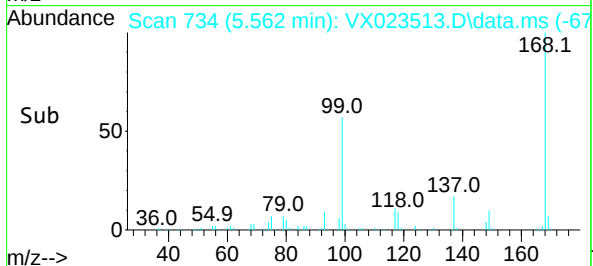


#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

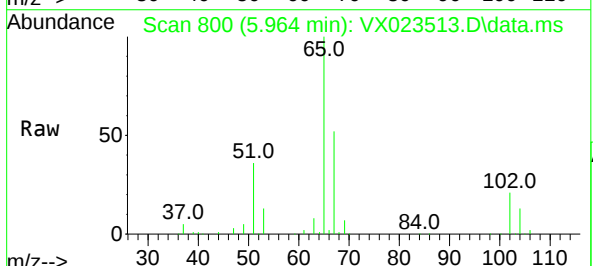
Instrument :
MSVOA_X
ClientSampled :



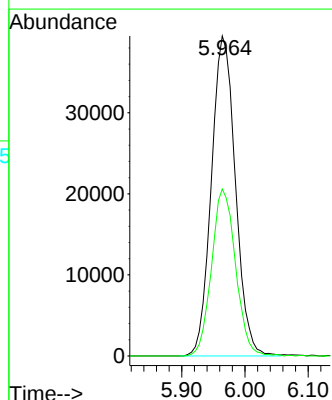
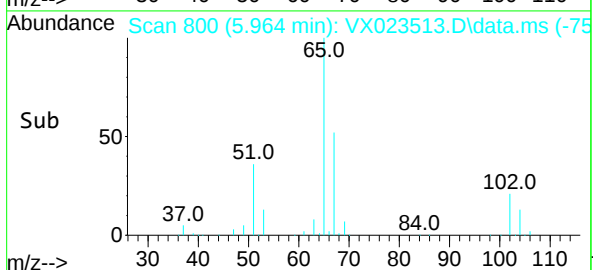
Tgt Ion: 56 Resp: 3382
Ion Ratio Lower Upper
56 100
69 141.0 25.3 37.9#
84 104.1 71.4 107.0

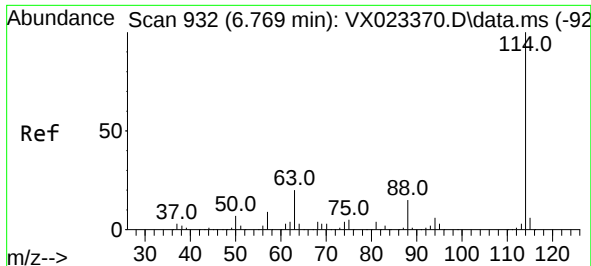


#33
1,2-Dichloroethane-d4
Concen: 51.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11



Tgt Ion: 65 Resp: 104074
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

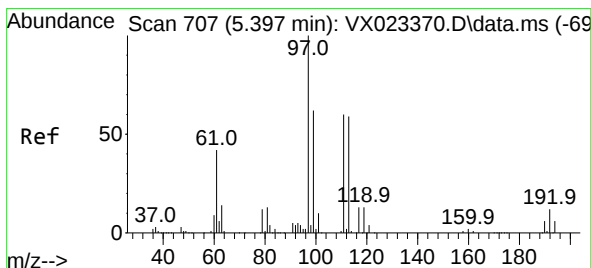
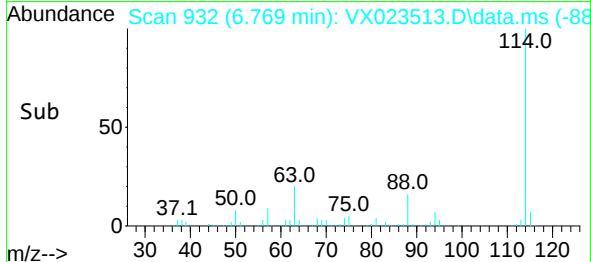
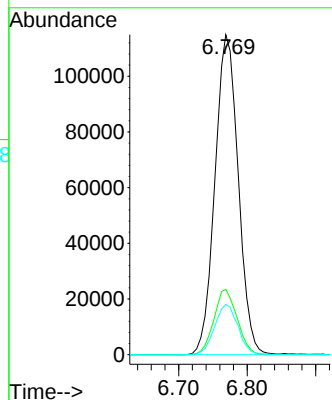
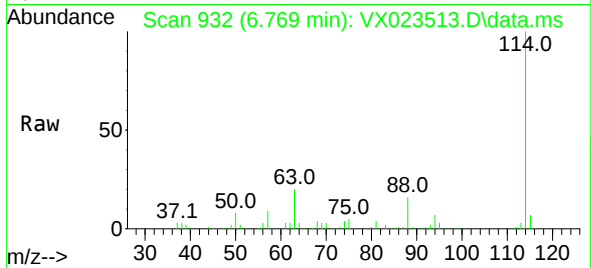




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

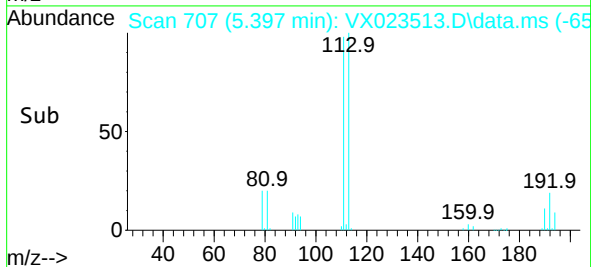
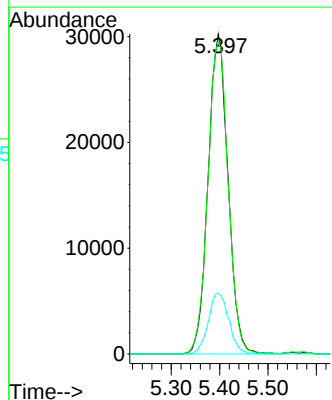
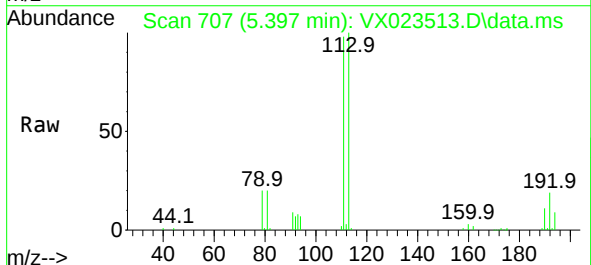
Instrument :
MSVOA_X
ClientSampleId :

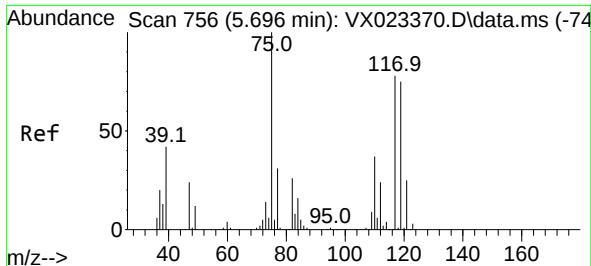
Tgt Ion:114 Resp: 270801
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.143 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion:113 Resp: 86593
Ion Ratio Lower Upper
113 100
111 100.0 81.9 122.9
192 19.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023513.D

Acq: 29 Jul 2021 15:11

Tgt Ion: 75 Resp: 12367

Ion Ratio Lower Upper

75 100

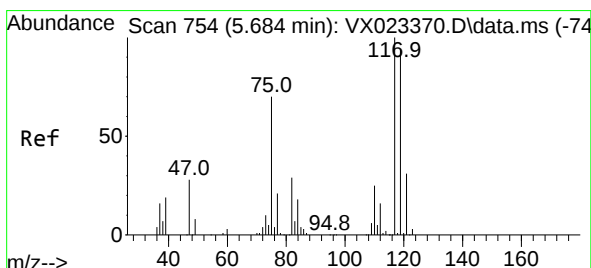
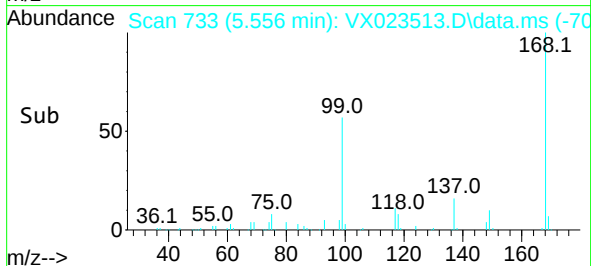
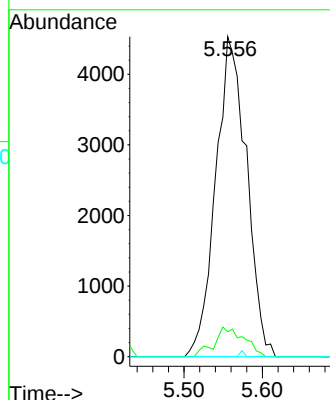
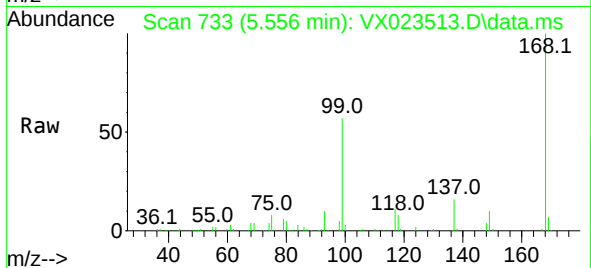
110 9.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.640 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX023513.D

Acq: 29 Jul 2021 15:11

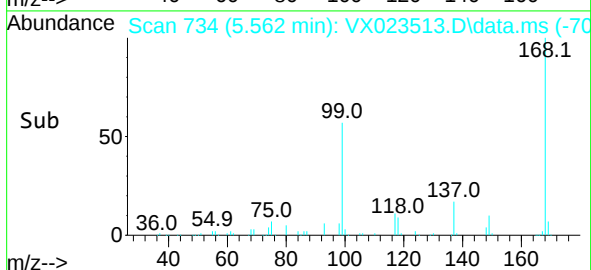
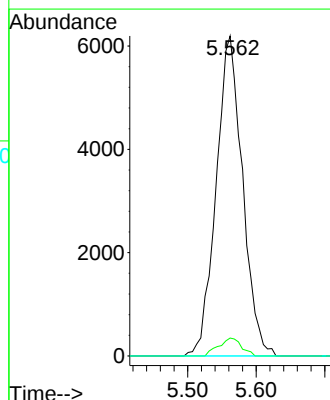
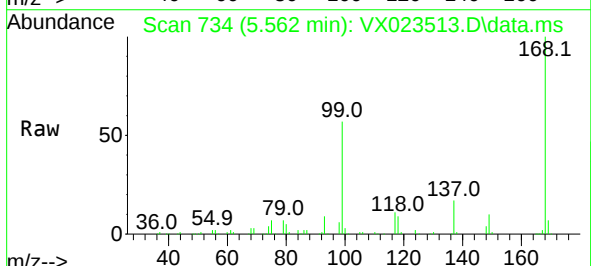
Tgt Ion:117 Resp: 16542

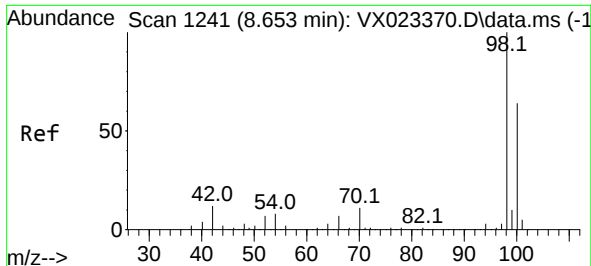
Ion Ratio Lower Upper

117 100

119 5.6 76.2 114.2#

121 0.0 24.8 37.2#

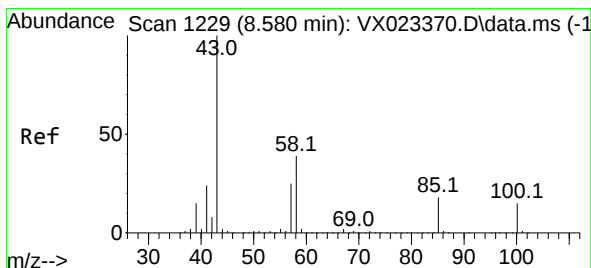
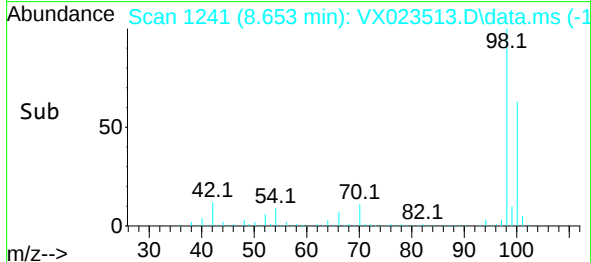
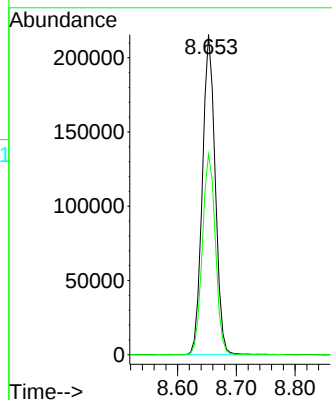
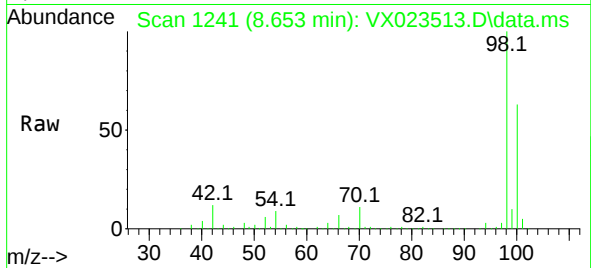




#50
Toluene-d8
Concen: 52.556 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

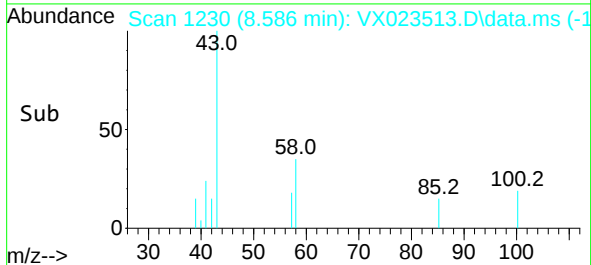
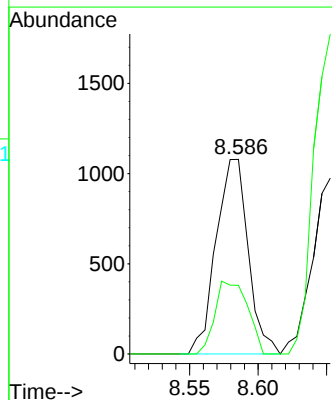
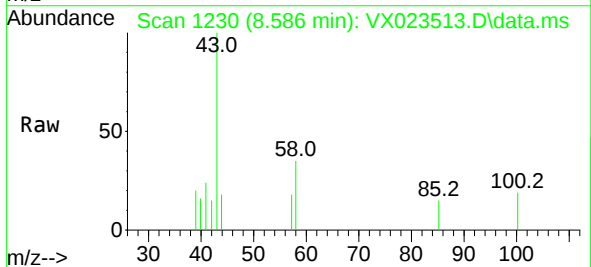
Instrument :
MSVOA_X
ClientSampled :

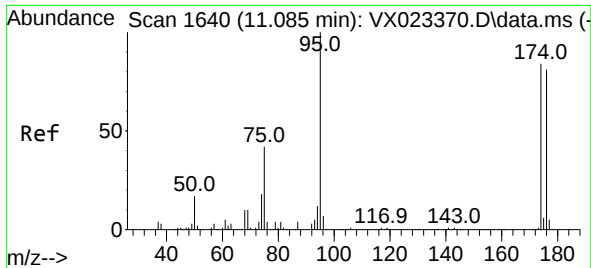
Tgt Ion: 98 Resp: 326939
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.602 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 43 Resp: 1762
Ion Ratio Lower Upper
43 100
58 37.9 35.4 53.0

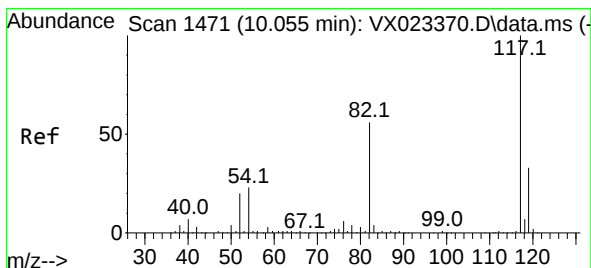
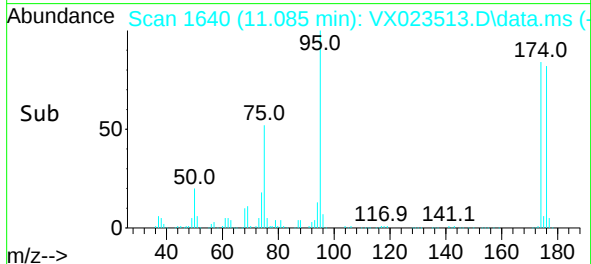
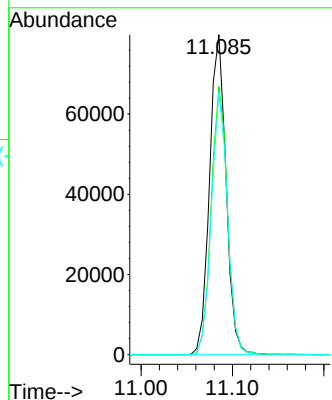
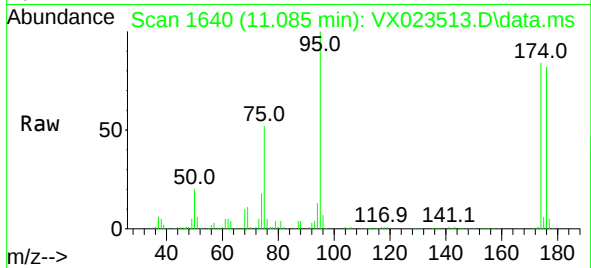




#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

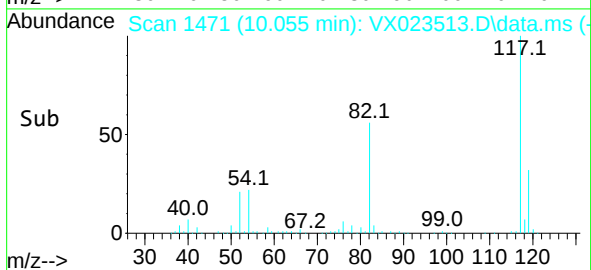
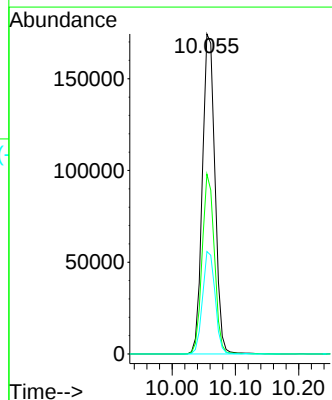
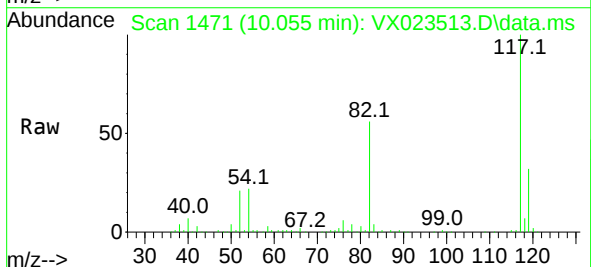
Instrument :
MSVOA_X
ClientSampleId :

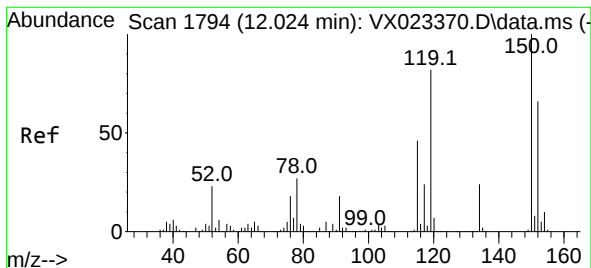
Tgt Ion: 95 Resp: 100088
Ion Ratio Lower Upper
95 100
174 83.6 0.0 154.6
176 80.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023513.D
Acq: 29 Jul 2021 15:11

Tgt Ion: 117 Resp: 242104
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 32.0 26.6 39.8

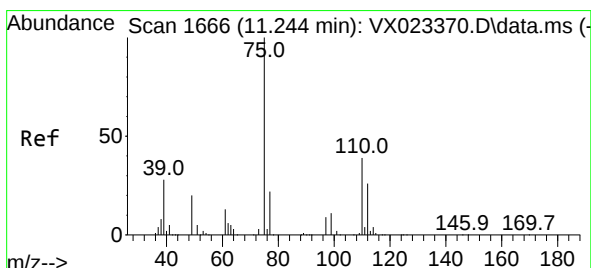
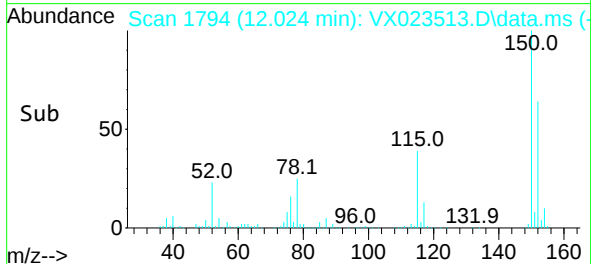
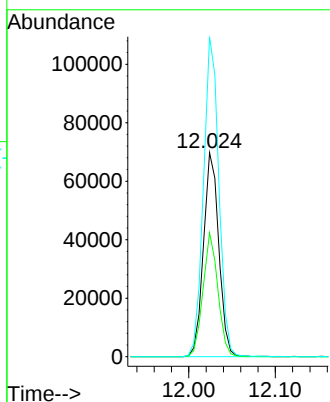
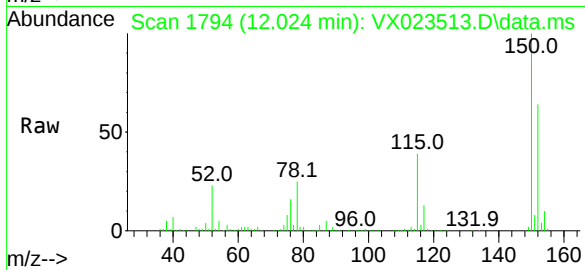




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023513.D
 Acq: 29 Jul 2021 15:11

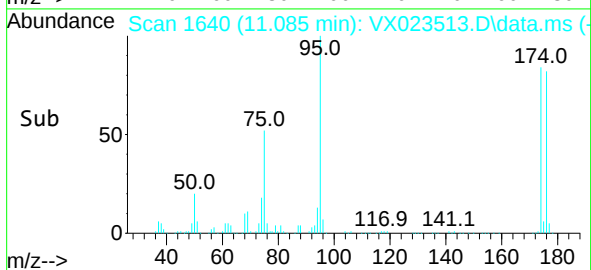
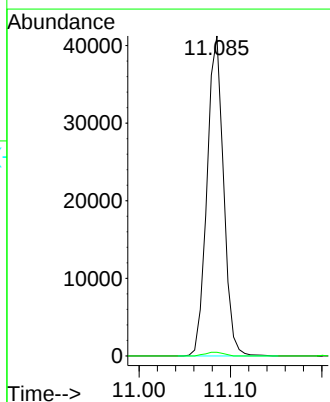
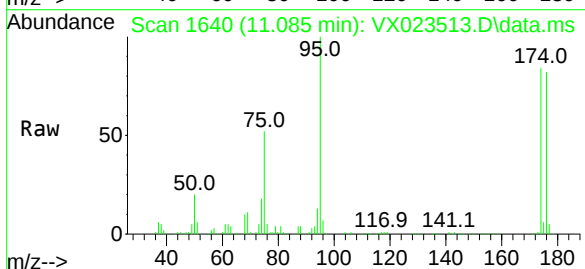
Instrument :
 MSVOA_X
 ClientSampled :

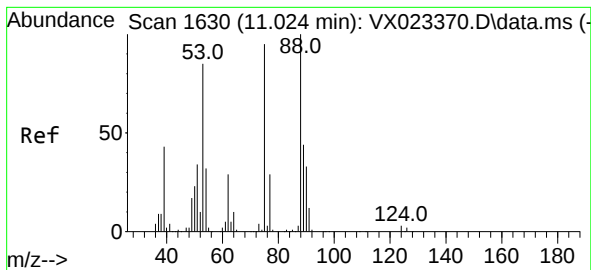
Tgt Ion:152 Resp: 85700
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 157.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.519 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023513.D
 Acq: 29 Jul 2021 15:11

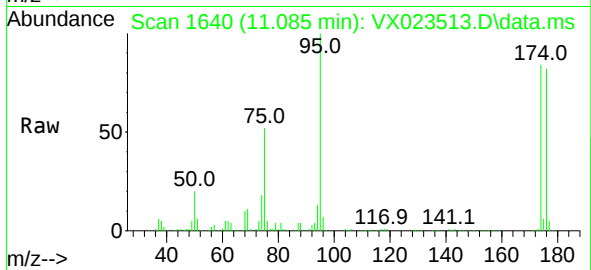
Tgt Ion: 75 Resp: 51897
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.994 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023513.D
 Acq: 29 Jul 2021 15:11

Instrument :
 MSVOA_X
 ClientSampleId :



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

