

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022242.D
 Acq On : 27 May 2021 19:01
 Operator : JC/MD
 Sample : M2526-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 01:34:20 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)

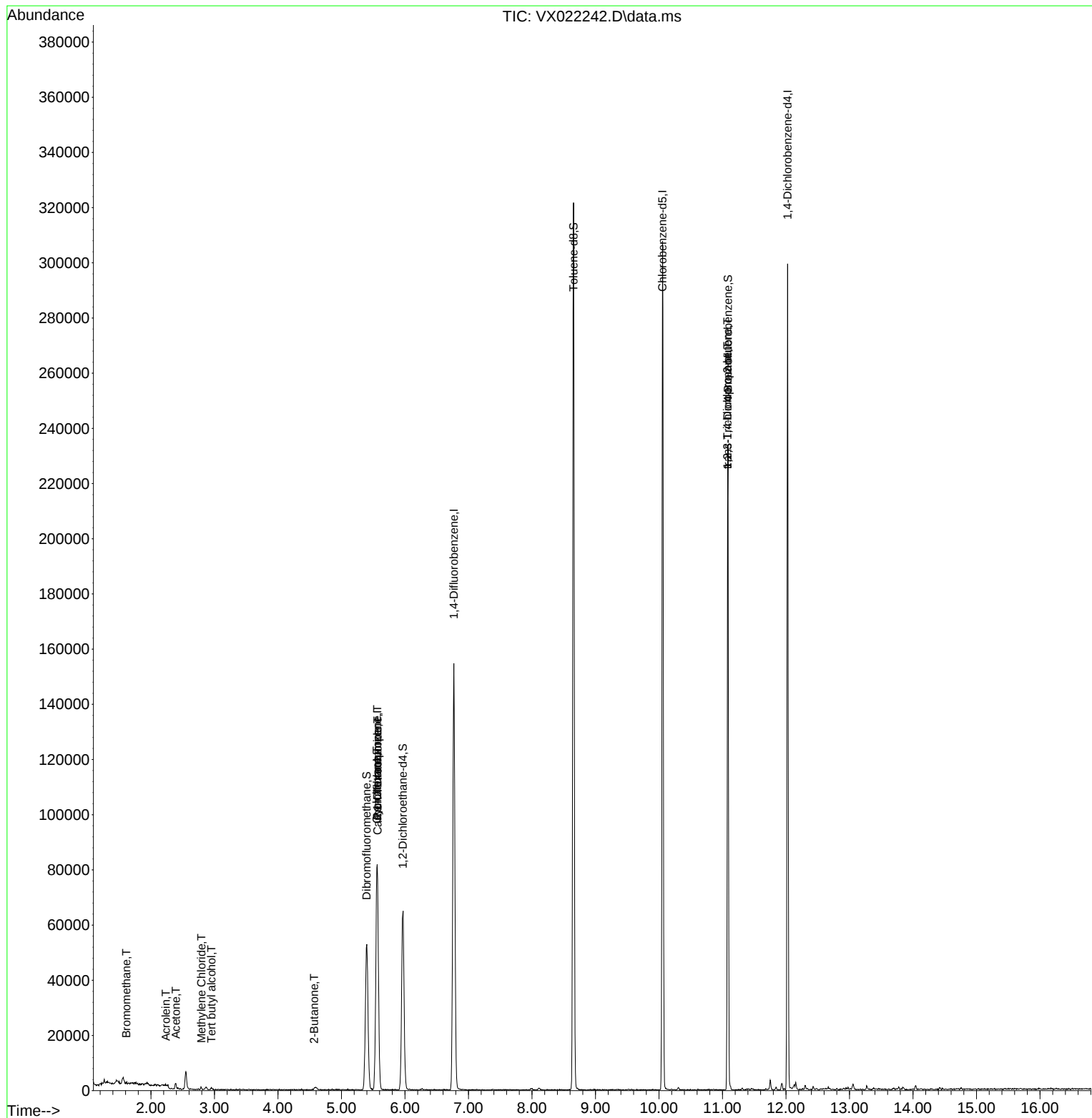
Internal Standards						
1) Pentafluorobenzene	5.562	168	72135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	153123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59446	53.42	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.84%
35) Dibromofluoromethane	5.398	113	45269	46.62	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.24%
50) Toluene-d8	8.653	98	183975	49.18	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.36%
62) 4-Bromofluorobenzene	11.086	95	64872	46.92	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.84%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	217	0.37	ug/l #	69
11) Tert butyl alcohol	2.953	59	472	1.85	ug/l #	73
13) Acrolein	2.233	56	42	0.25	ug/l #	14
16) Acetone	2.392	43	2336	4.82	ug/l	89
20) Methylene Chloride	2.794	84	232	0.22	ug/l #	50
25) 2-Butanone	4.568	43	355	0.45	ug/l #	45
31) Cyclohexane	5.556	56	1958	1.40	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	6708	4.74	ug/l #	49
38) Carbon Tetrachloride	5.568	117	8225	5.94	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	33543	25.14	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33543	59.57	ug/l #	12

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

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ALS Vial : 20 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :

Quant Time: May 28 01:34:20 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

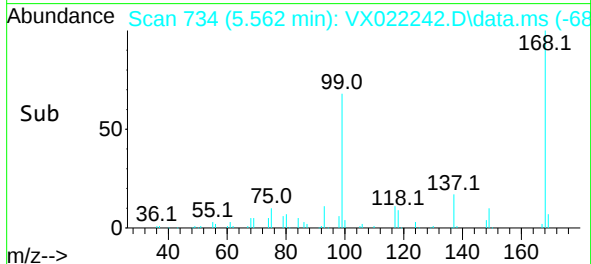
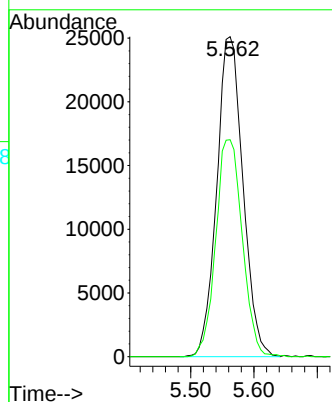
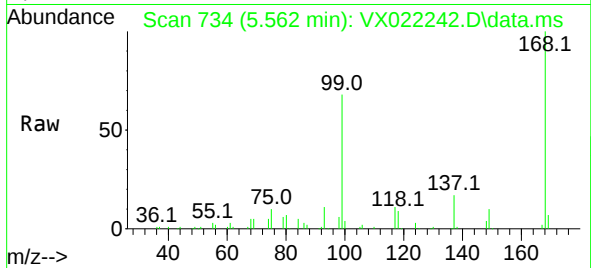




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

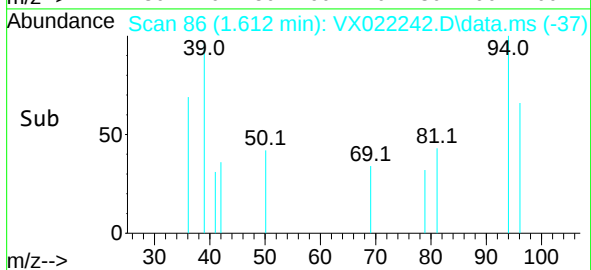
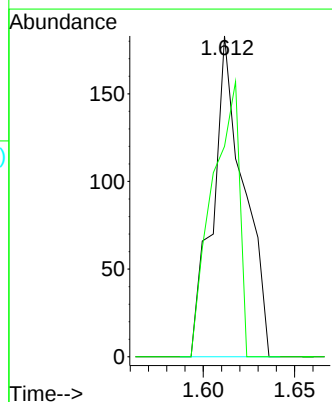
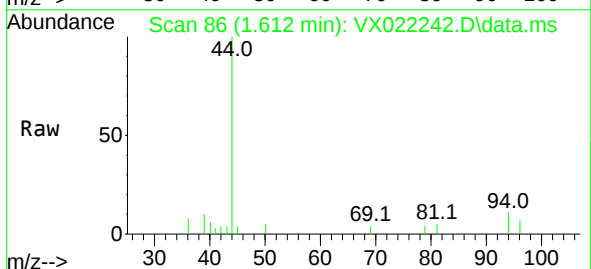
Instrument :
MSVOA_X
ClientSampleId :

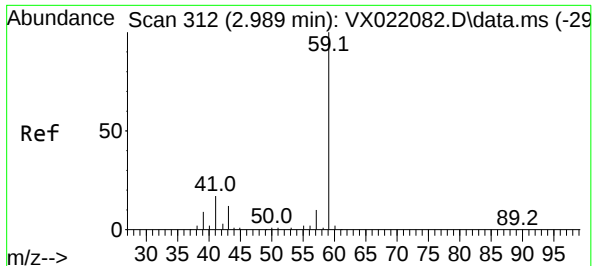
Tgt Ion:168 Resp: 72135
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 65.6 76.4 114.6#



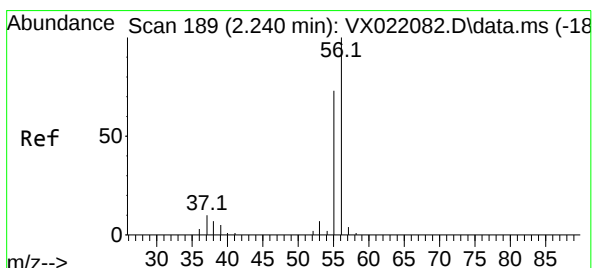
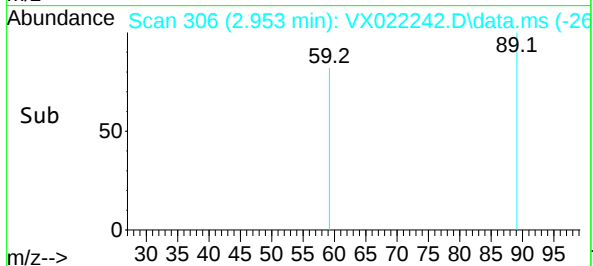
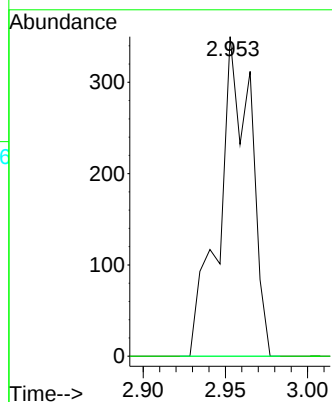
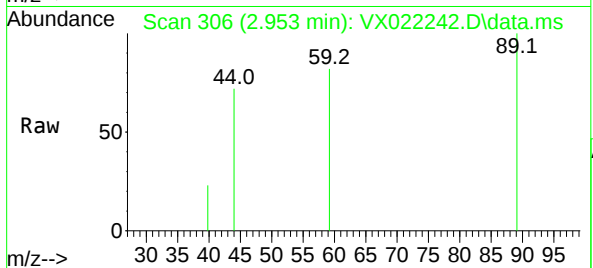


#11

Tert butyl alcohol
Concen: 1.85 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

Instrument :
MSVOA_X
ClientSampled :

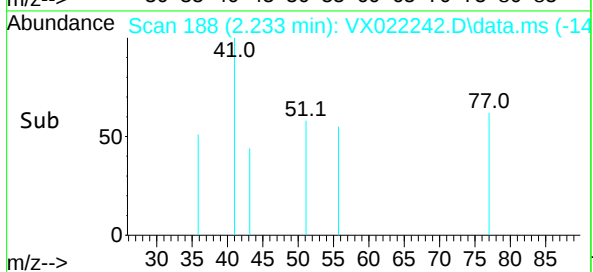
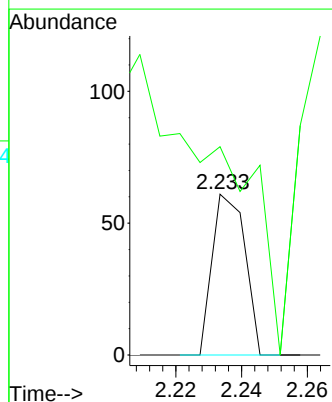
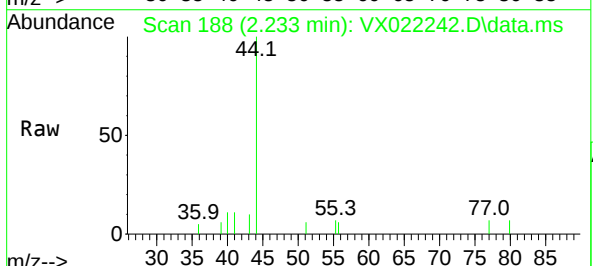
Tgt Ion: 59 Resp: 472
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

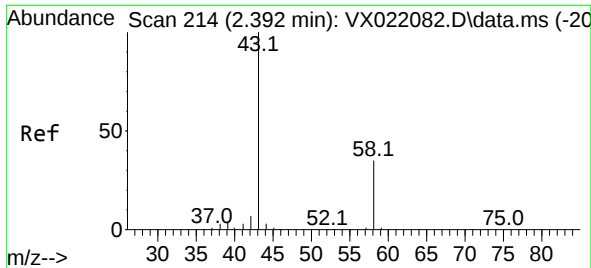


#13

Acrolein
Concen: 0.25 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

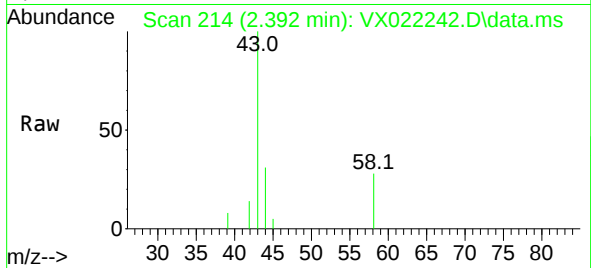
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



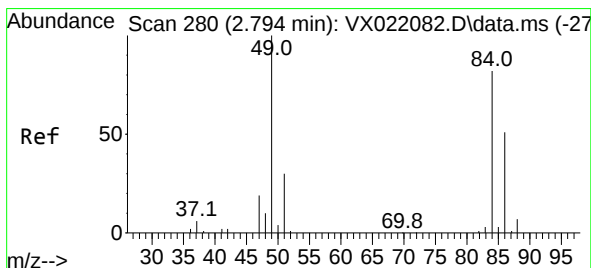
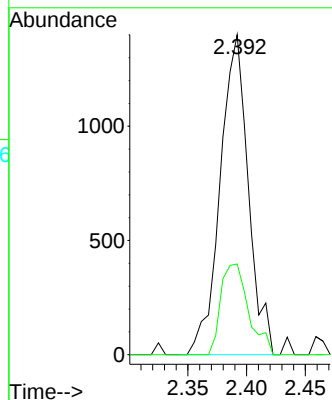
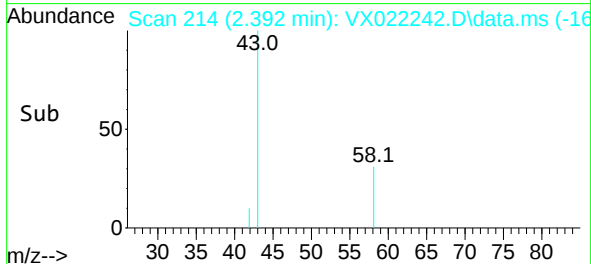


#16
Acetone
Concen: 4.82 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

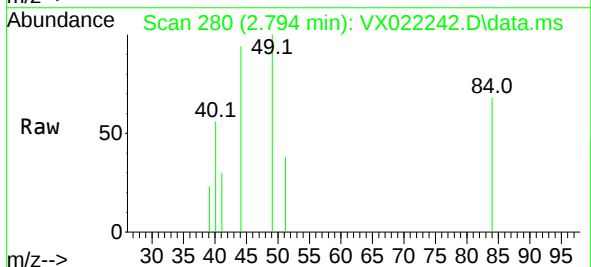
Instrument :
MSVOA_X
ClientSampled :



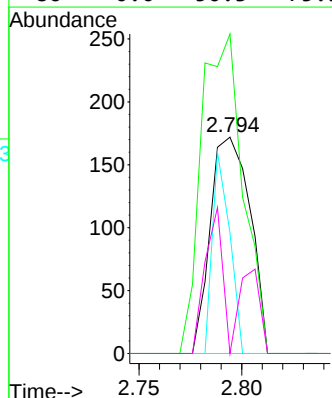
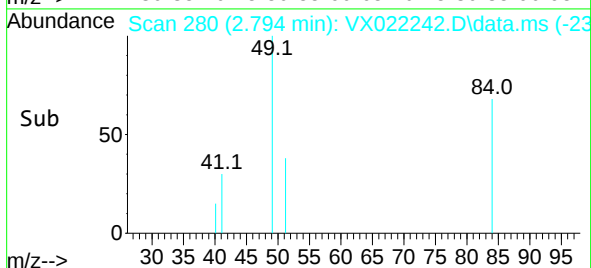
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8

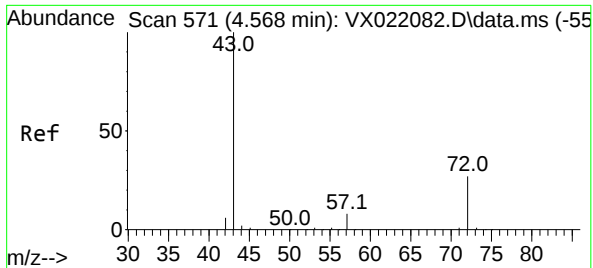


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01



Tgt Ion: 84 Resp: 232
Ion Ratio Lower Upper
84 100
49 147.7 88.6 132.8#
51 55.8 27.0 40.6#
86 0.0 50.3 75.5#

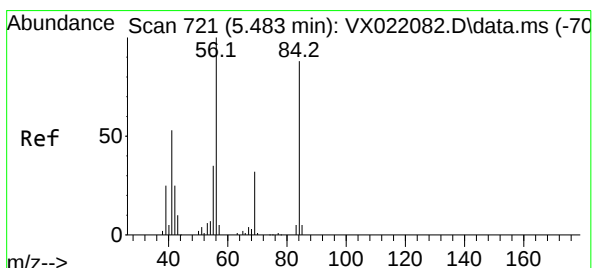
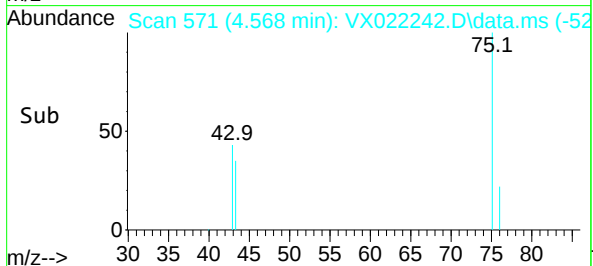
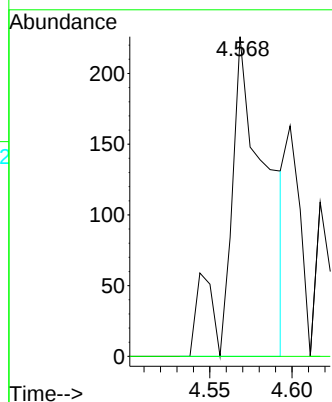
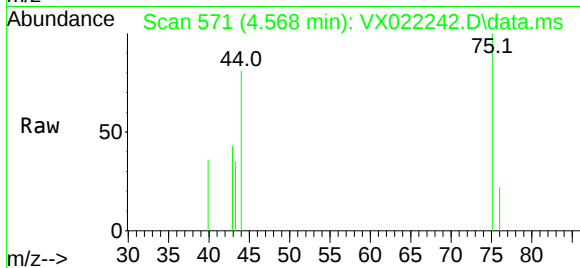




#25
2-Butanone
Concen: 0.45 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

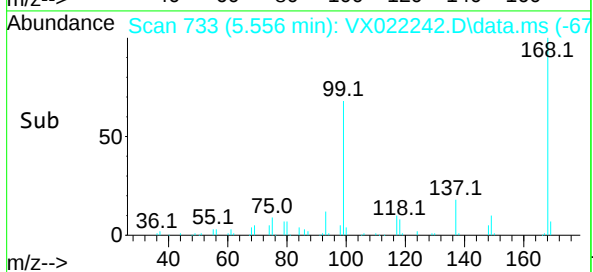
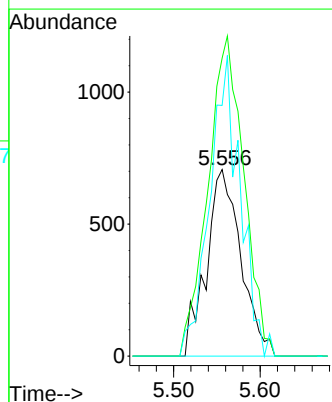
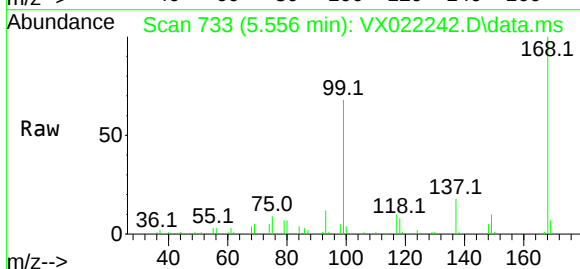
Instrument :
MSVOA_X
ClientSampled :

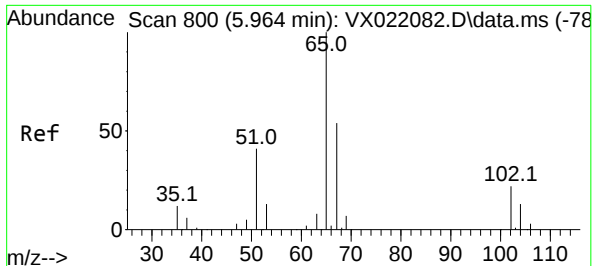
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

Tgt Ion: 56 Resp: 1958
Ion Ratio Lower Upper
56 100
69 159.7 25.3 37.9#
84 134.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.42 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

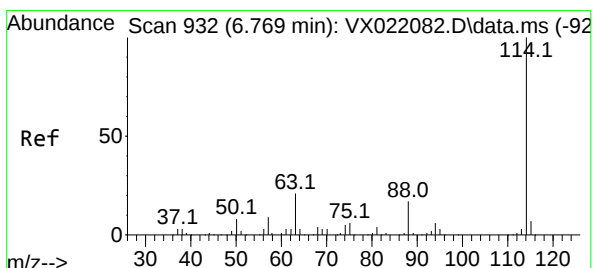
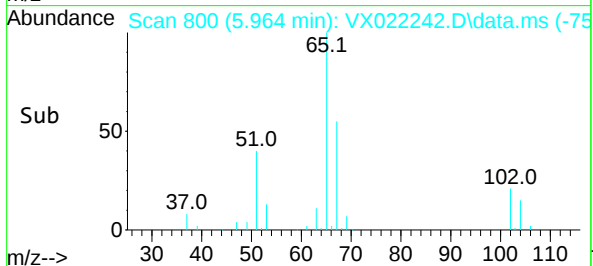
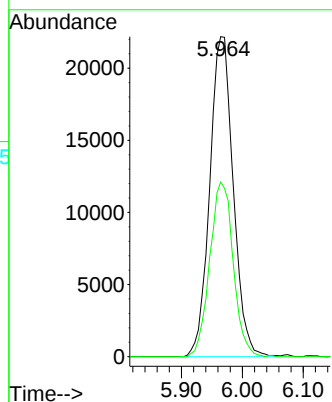
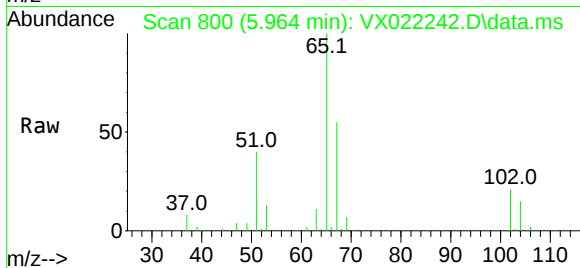
Lab File: VX022242.D

Acq: 27 May 2021 19:01

Tgt Ion: 65 Resp: 59446

Ion Ratio Lower Upper

65	100		
67	54.3	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

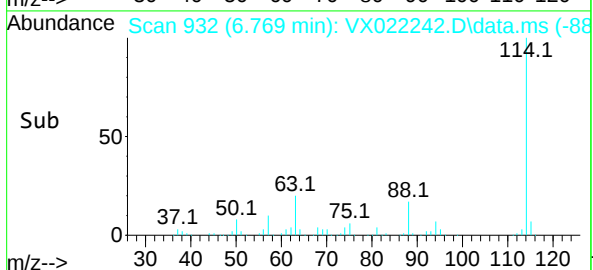
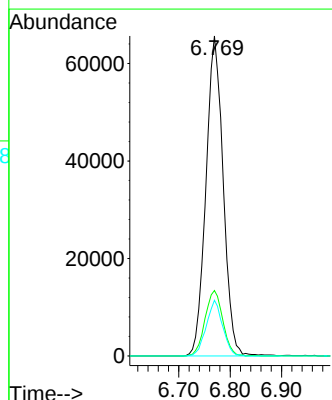
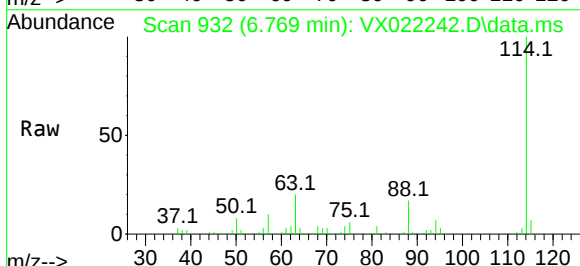
Lab File: VX022242.D

Acq: 27 May 2021 19:01

Tgt Ion: 114 Resp: 153123

Ion Ratio Lower Upper

114	100		
63	20.4	0.0	40.8
88	17.4	0.0	32.8

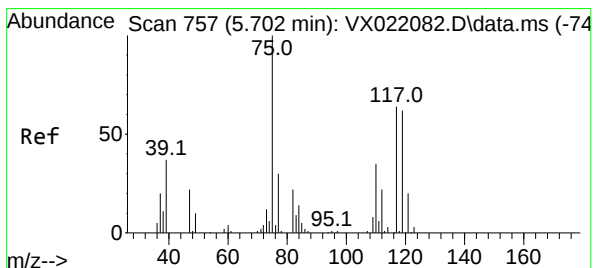
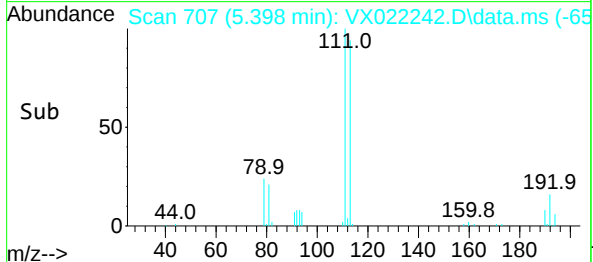
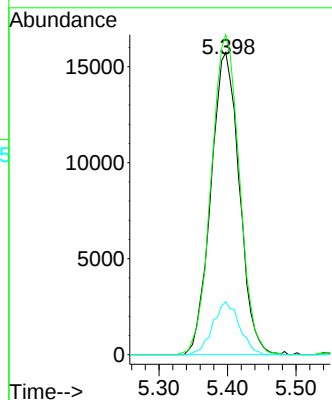
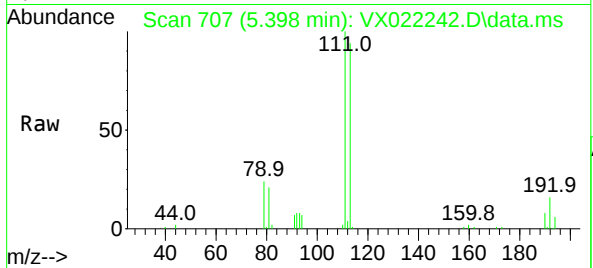




#35
Dibromofluoromethane
Concen: 46.62 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

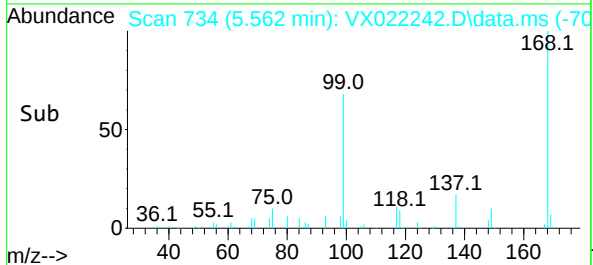
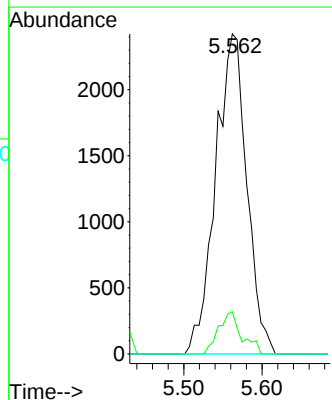
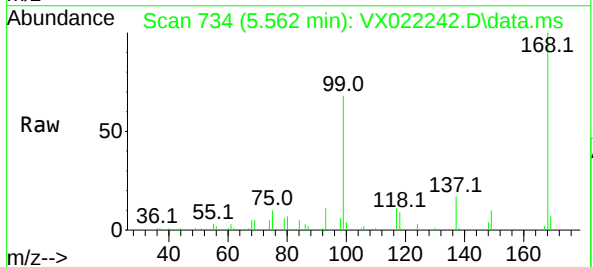
Instrument :
MSVOA_X
ClientSampled :

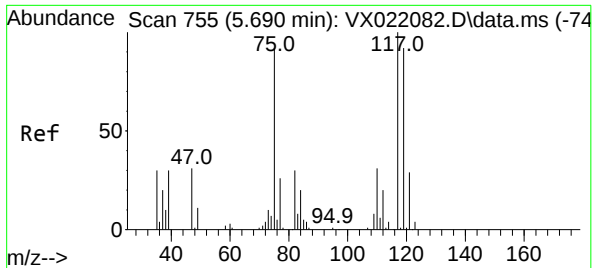
Tgt Ion:113 Resp: 45269
Ion Ratio Lower Upper
113 100
111 105.4 81.9 122.9
192 16.4 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

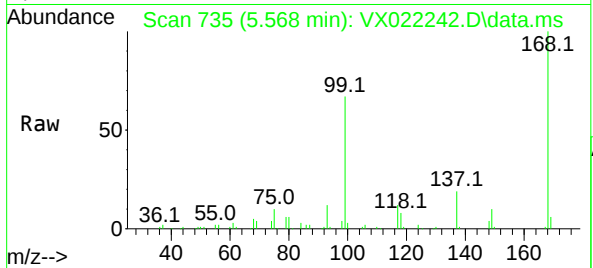
Tgt Ion: 75 Resp: 6708
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



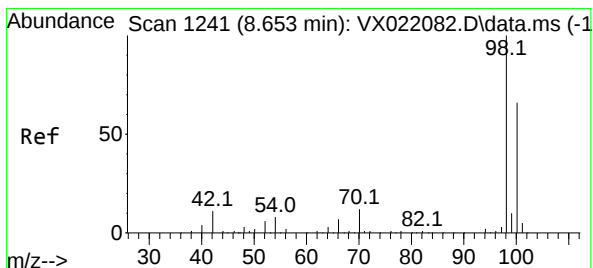
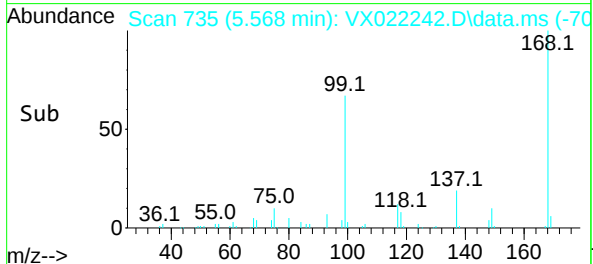
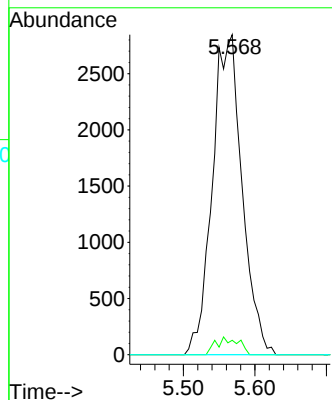


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

Instrument :
MSVOA_X
ClientSampled :

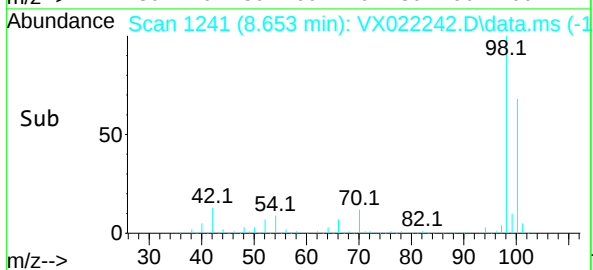
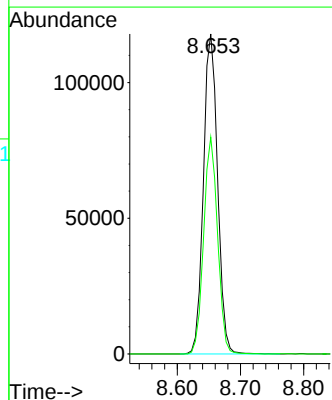
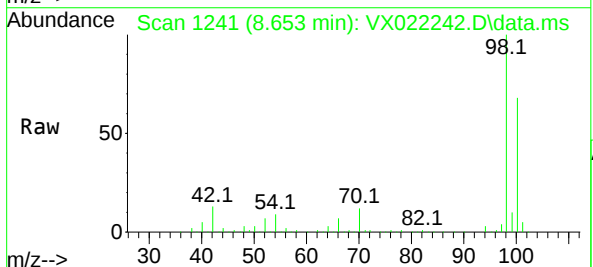


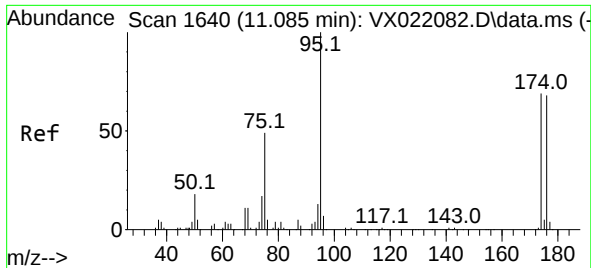
Tgt Ion:117 Resp: 8225
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.18 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

Tgt Ion: 98 Resp: 183975
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9

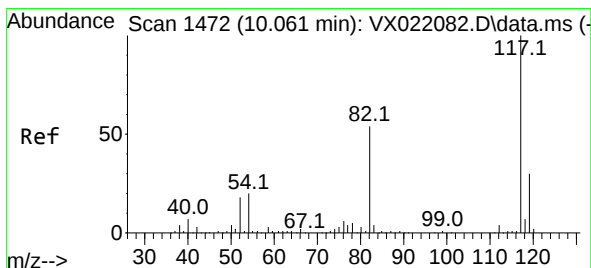
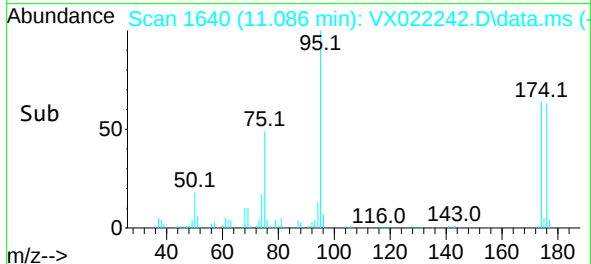
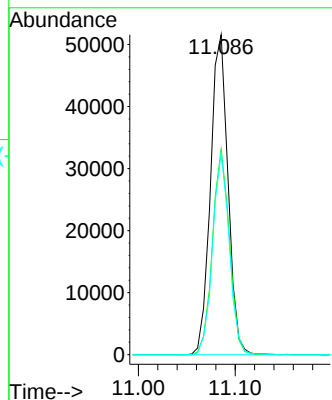
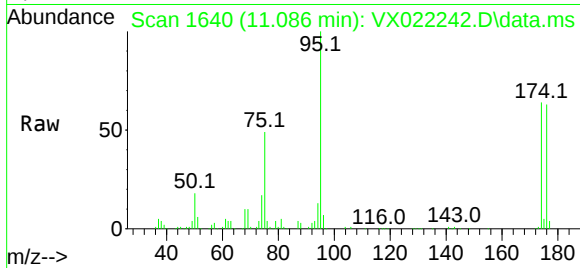




#62
4-Bromofluorobenzene
Concen: 46.92 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

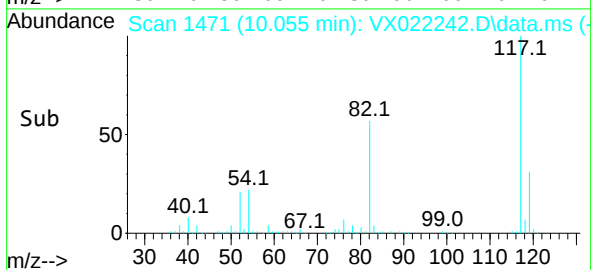
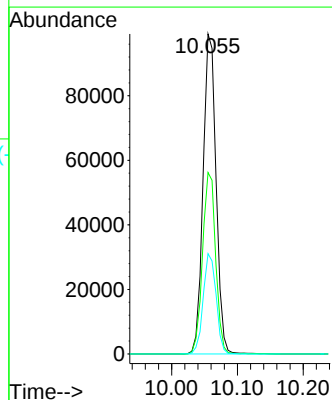
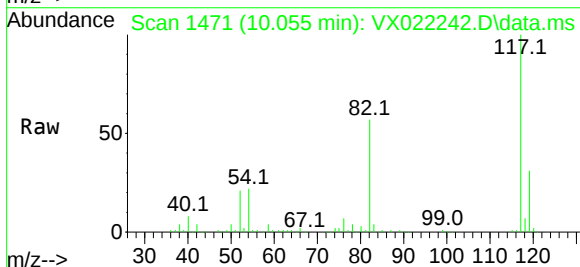
Instrument :
MSVOA_X
ClientSampleId :

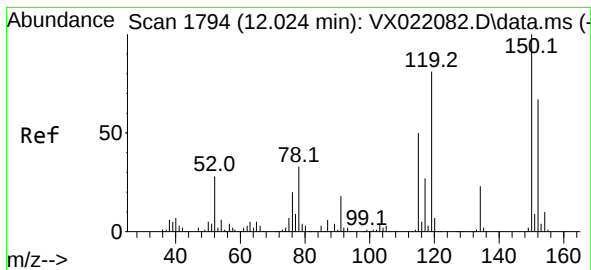
Tgt Ion: 95 Resp: 64872
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 60.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022242.D
Acq: 27 May 2021 19:01

Tgt Ion: 117 Resp: 136076
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 31.3 26.6 39.8

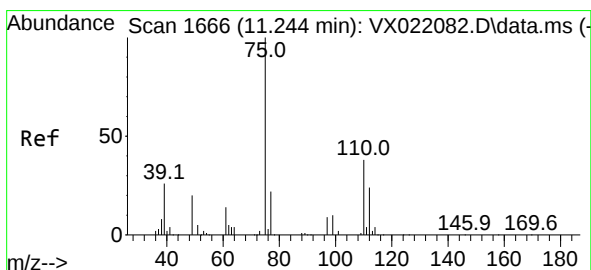
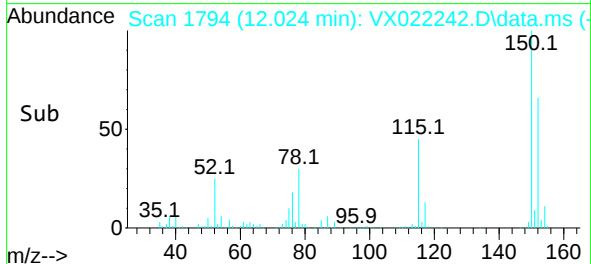
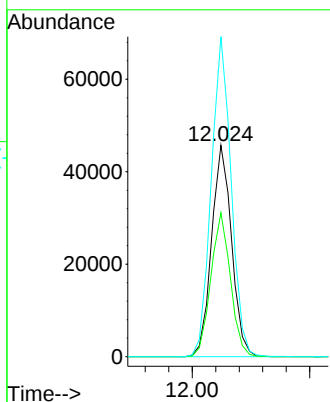
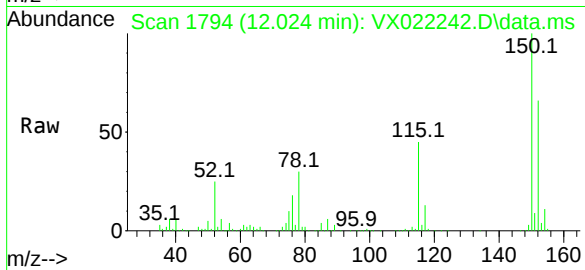




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022242.D
 Acq: 27 May 2021 19:01

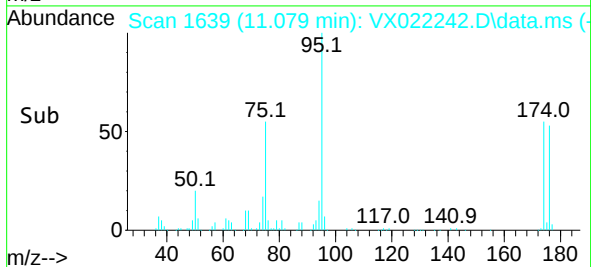
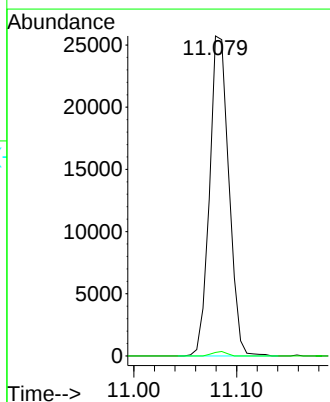
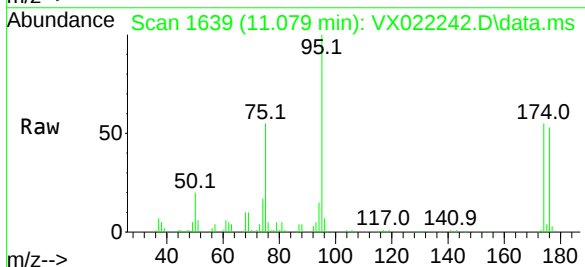
Instrument :
 MSVOA_X
 ClientSampled :

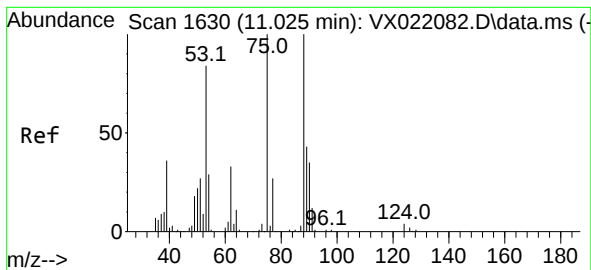
Tgt Ion:152 Resp: 54082
 Ion Ratio Lower Upper
 152 100
 115 66.5 41.1 123.3
 150 150.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.14 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX022242.D
 Acq: 27 May 2021 19:01

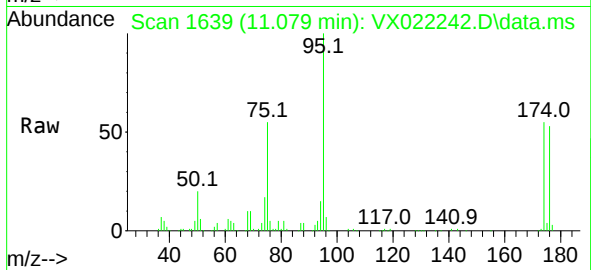
Tgt Ion: 75 Resp: 33543
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.57 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.054 min
 Lab File: VX022242.D
 Acq: 27 May 2021 19:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 33543
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

