

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022921.D
 Acq On : 25 Jun 2021 14:28
 Operator : JC/MD
 Sample : M2803-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:53:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

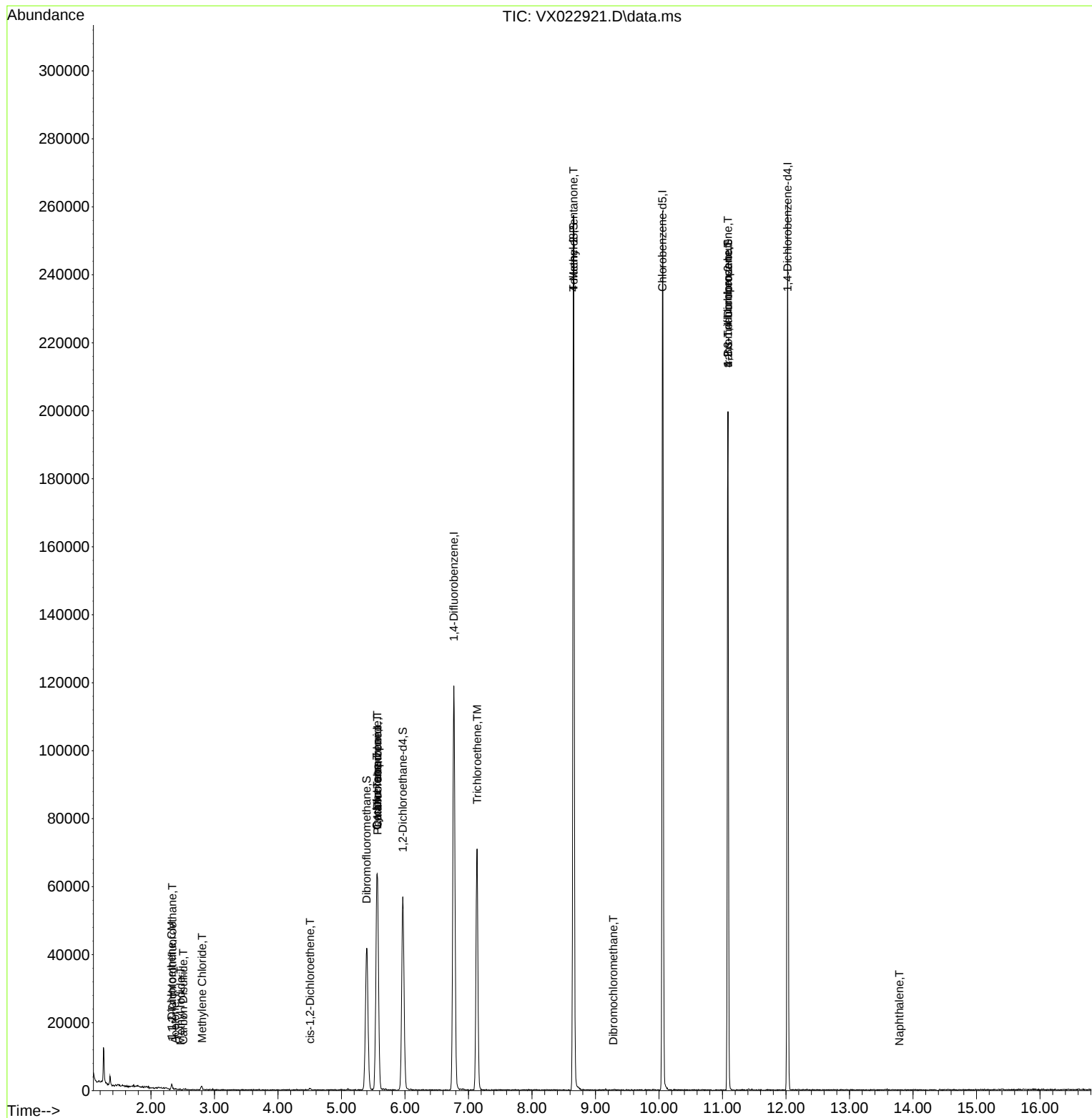
Internal Standards						
1) Pentafluorobenzene	5.568	168	54121	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	114908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50532	51.45	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	102.90%	
35) Dibromofluoromethane	5.397	113	35208	48.25	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	96.50%	
50) Toluene-d8	8.653	98	145225	50.78	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.085	95	52424	49.12	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	98.24%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	329	0.47	ug/l	# 83
10) Methyl Iodide	2.465	142	89	3.98	ug/l	# 42
12) 1,1-Dichloroethene	2.325	96	285	0.41	ug/l	93
16) Acetone	2.380	43	255	0.59	ug/l	90
17) Carbon Disulfide	2.508	76	146	3.59	ug/l	# 75
20) Methylene Chloride	2.806	84	542	1.00	ug/l	# 69
27) cis-1,2-Dichloroethene	4.507	96	333	0.39	ug/l	42
31) Cyclohexane	5.556	56	1460	1.05	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6257	5.13	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6495	6.34	ug/l	# 16
44) Trichloroethene	7.135	130	23902	28.64	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	791	0.56	ug/l	# 1
60) Dibromochloromethane	9.281	129	29	3.68	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	29395	24.82	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29395	64.81	ug/l	# 12
95) Naphthalene	13.786	128	19	1.93	ug/l	# 69

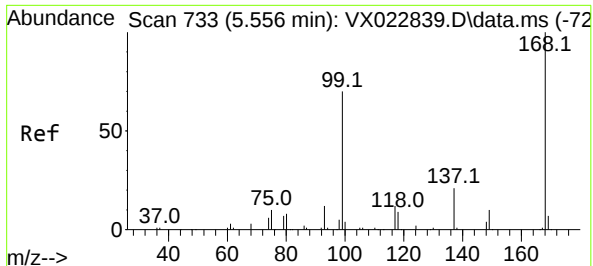
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 26 03:53:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

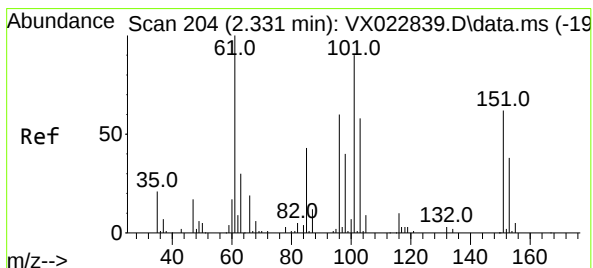
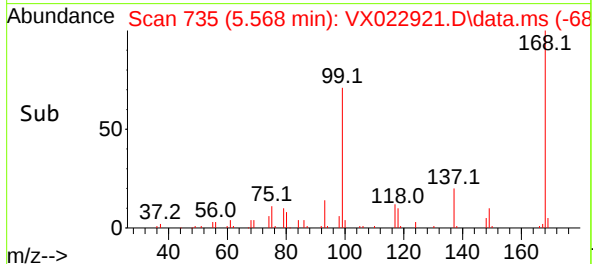
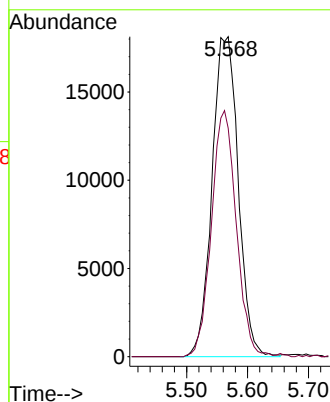
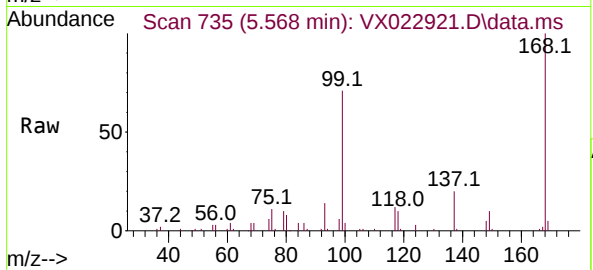




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

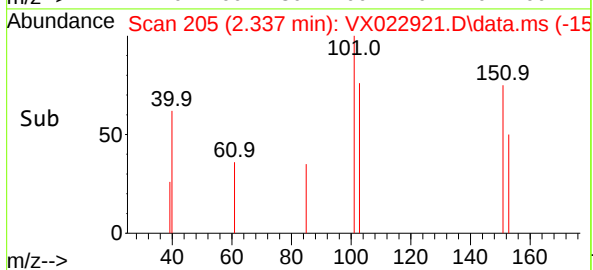
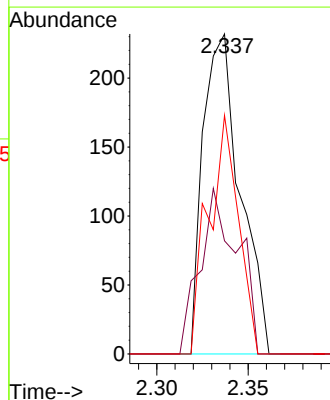
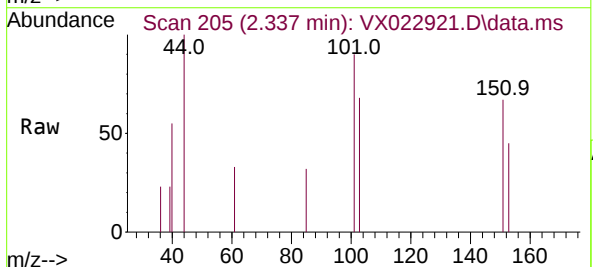
Instrument :
MSVOA_X
ClientSampleId :

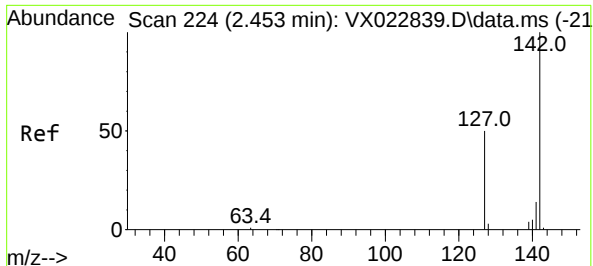
Tgt Ion:168 Resp: 54121
Ion Ratio Lower Upper
168 100
99 71.4 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.47 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

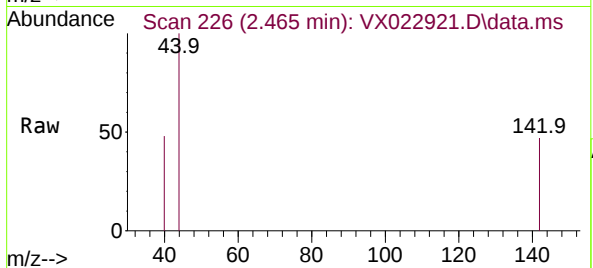
Tgt Ion:101 Resp: 329
Ion Ratio Lower Upper
101 100
85 52.6 34.9 52.3#
151 60.2 61.4 92.2#



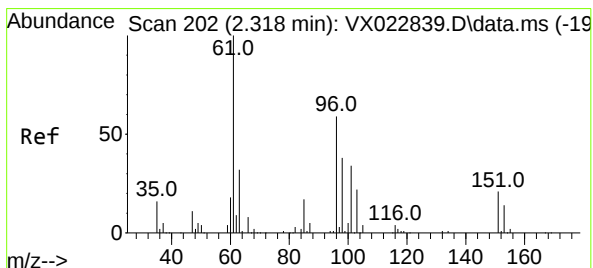
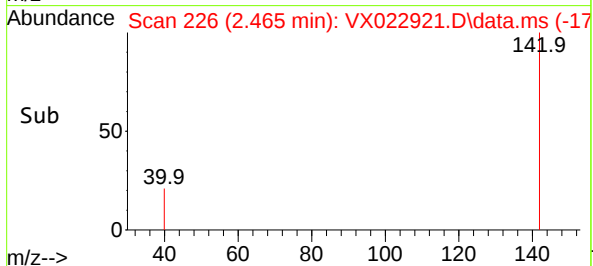
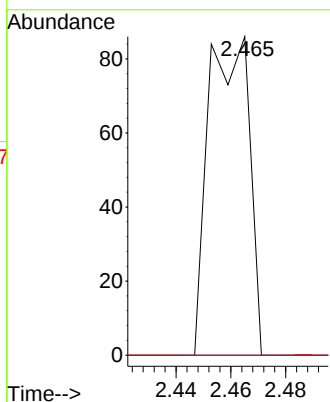


#10
Methyl Iodide
Concen: 3.98 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Instrument :
MSVOA_X
ClientSampleId :

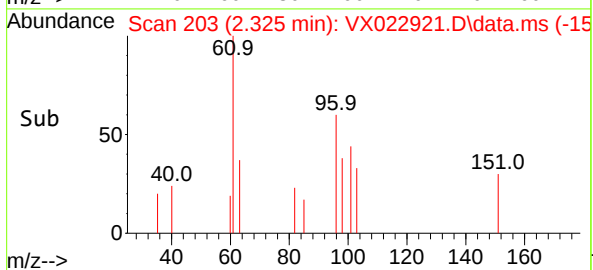
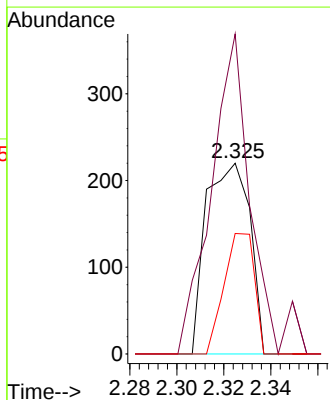
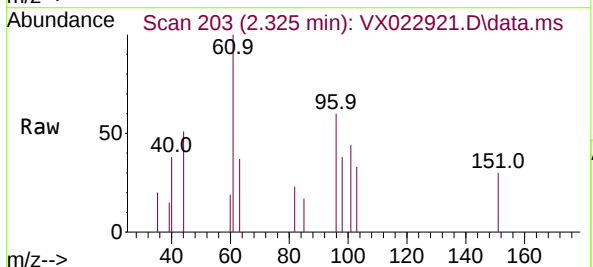


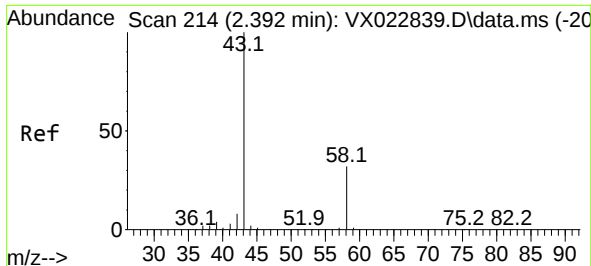
Tgt Ion:142 Resp: 89
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#12
1,1-Dichloroethene
Concen: 0.41 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion: 96 Resp: 285
Ion Ratio Lower Upper
96 100
61 167.7 124.6 187.0
98 63.2 50.6 76.0

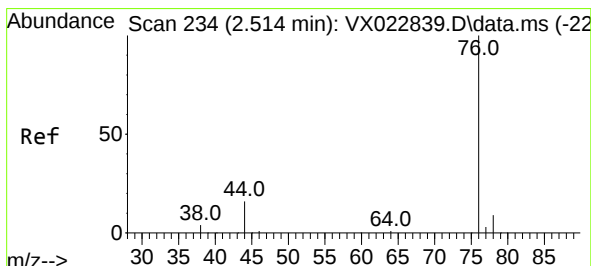
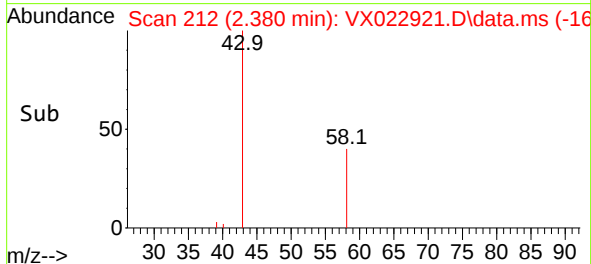
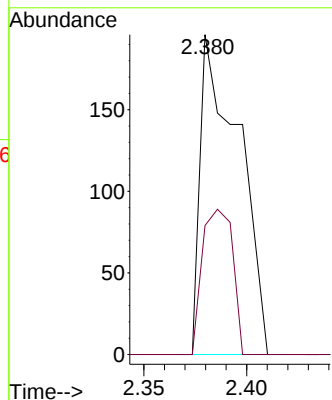
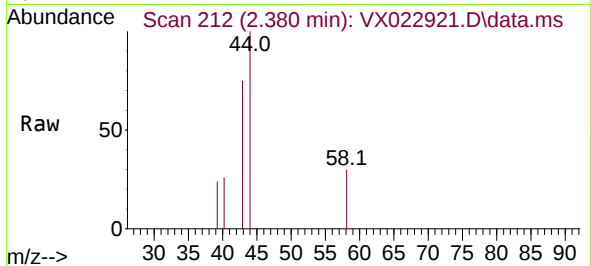




#16
Acetone
Concen: 0.59 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

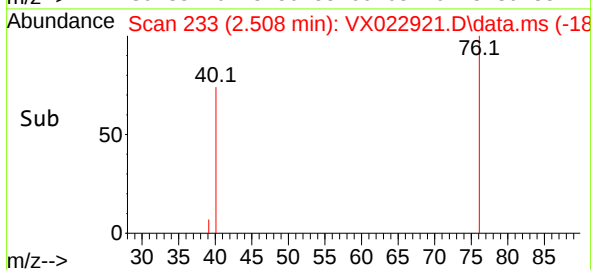
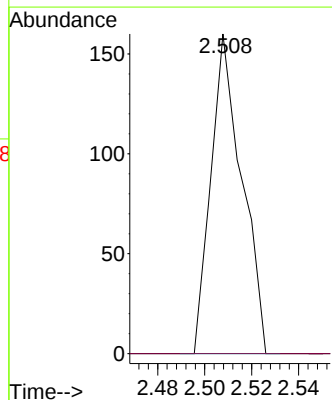
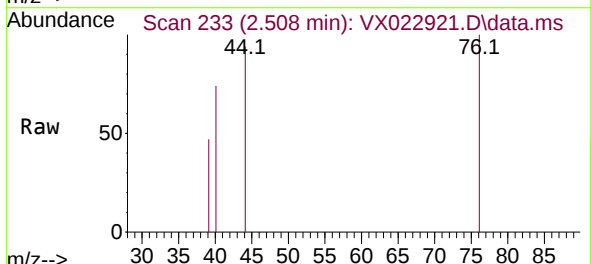
Instrument :
MSVOA_X
ClientSampled :

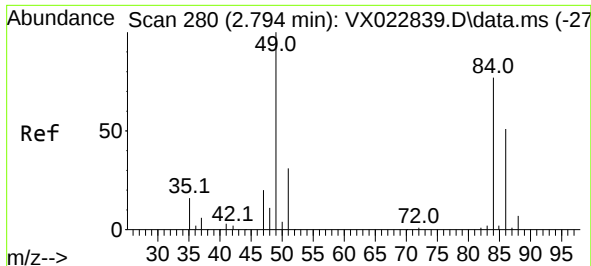
Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
58 40.3 27.8 41.8



#17
Carbon Disulfide
Concen: 3.59 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion: 76 Resp: 146
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 1.00 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX022921.D

Acq: 25 Jun 2021 14:28

Tgt Ion: 84 Resp: 542

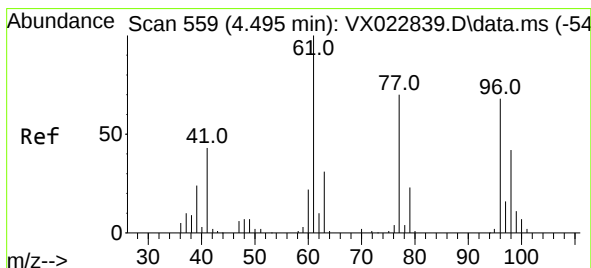
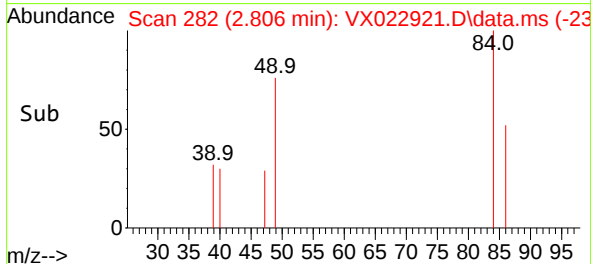
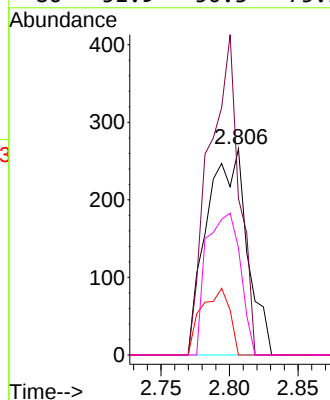
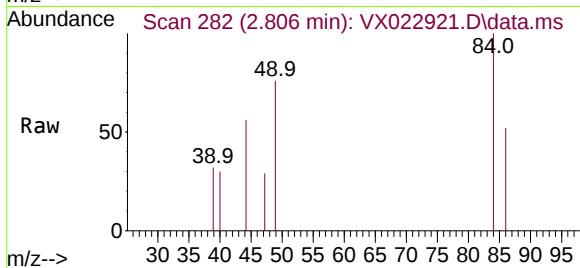
Ion Ratio Lower Upper

84 100

49 75.9 88.6 132.8#

51 0.0 27.0 40.6#

86 51.9 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 0.39 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX022921.D

Acq: 25 Jun 2021 14:28

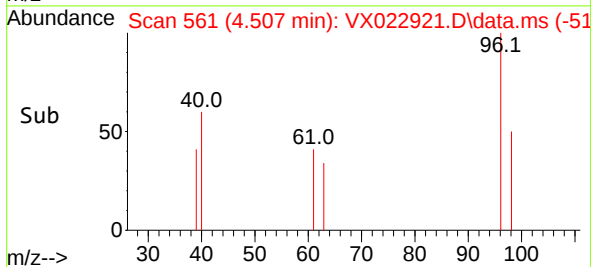
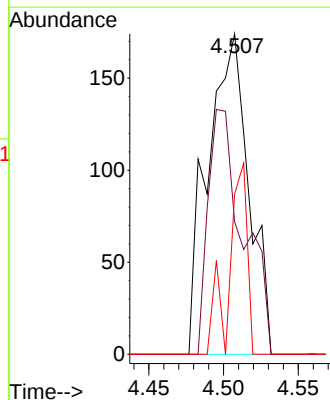
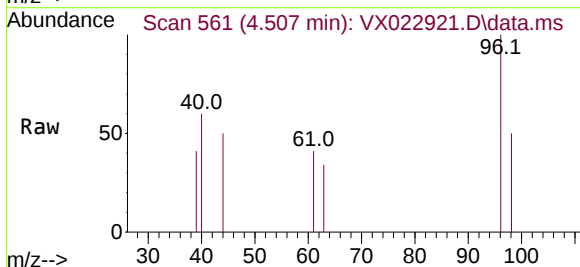
Tgt Ion: 96 Resp: 333

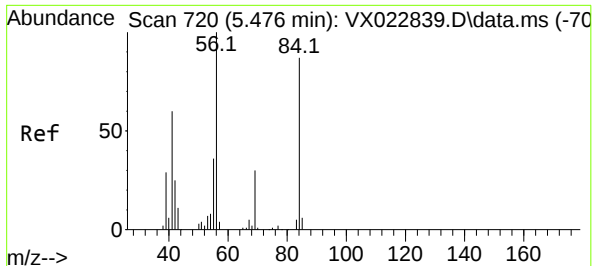
Ion Ratio Lower Upper

96 100

61 65.5 0.0 285.6

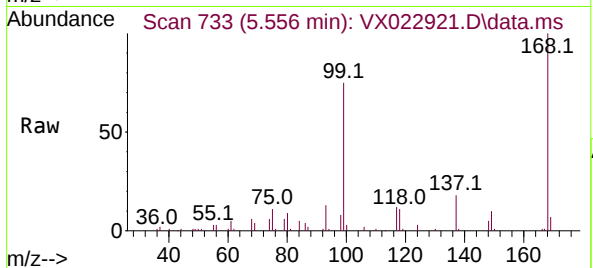
98 26.7 0.0 129.6



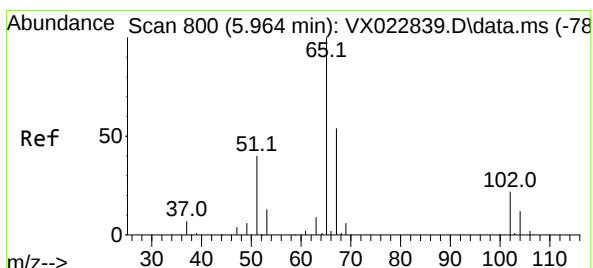
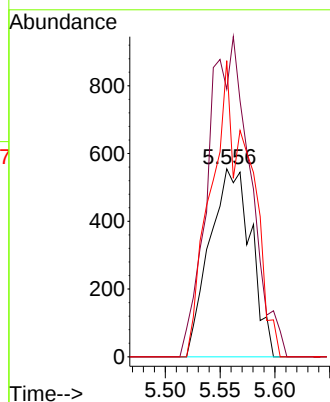
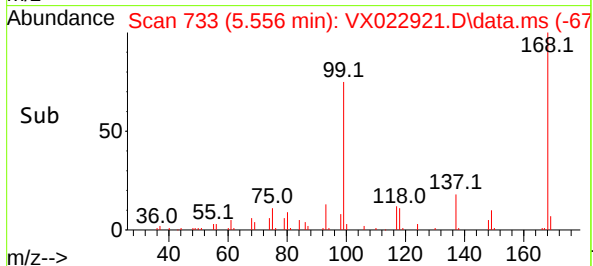


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

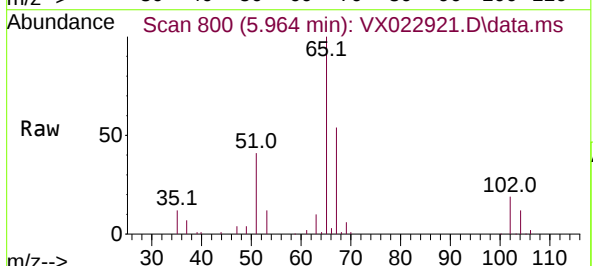
Instrument :
MSVOA_X
ClientSampled :



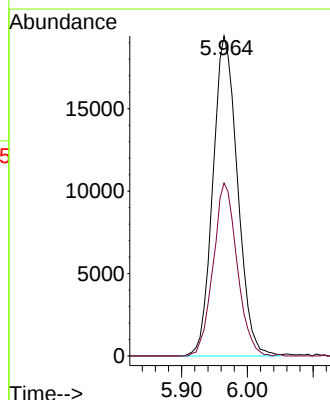
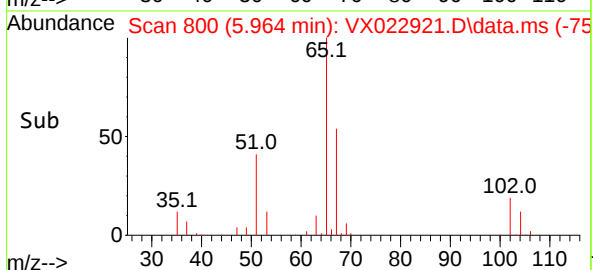
Tgt Ion: 56 Resp: 1460
Ion Ratio Lower Upper
56 100
69 142.3 25.3 37.9#
84 157.5 71.4 107.0#

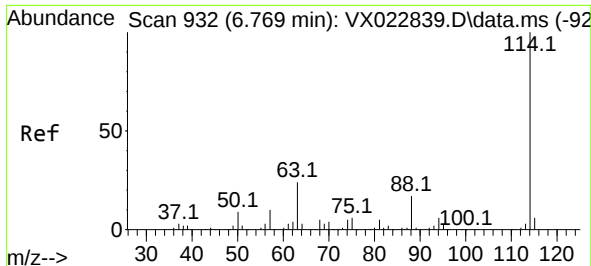


#33
1,2-Dichloroethane-d4
Concen: 51.45 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28



Tgt Ion: 65 Resp: 50532
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

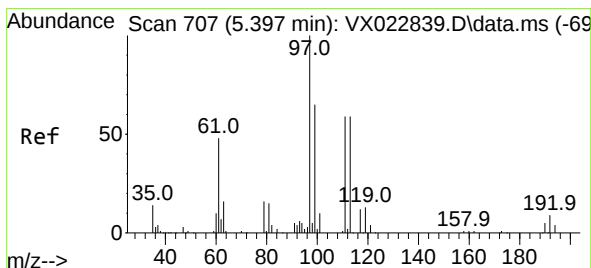
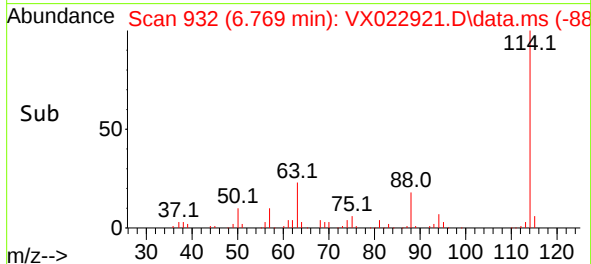
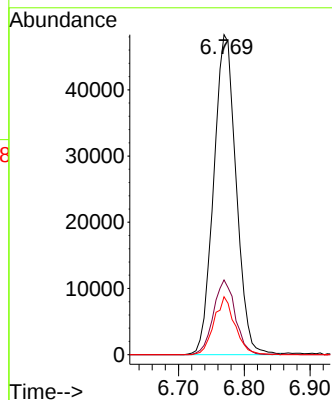
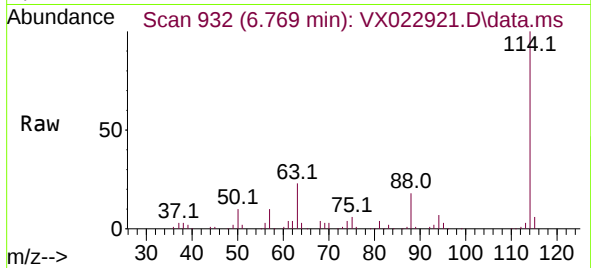




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

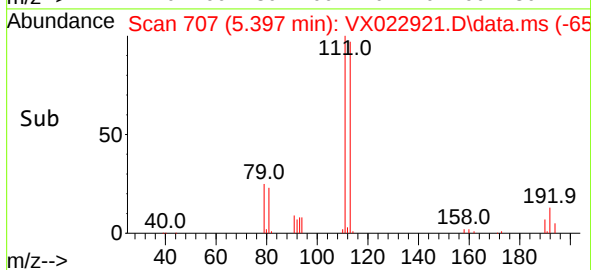
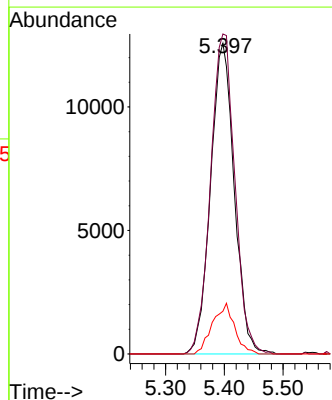
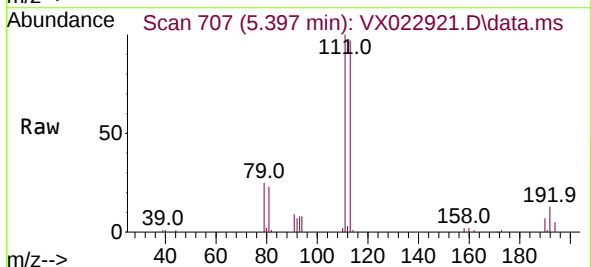
Instrument :
MSVOA_X
ClientSampleId :

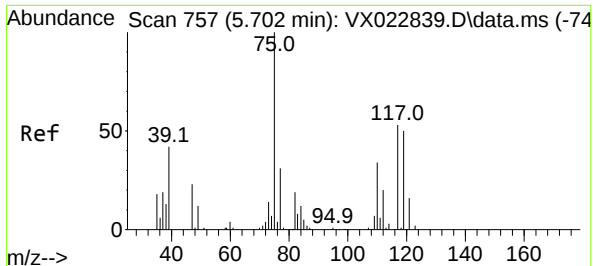
Tgt Ion:114 Resp: 114908
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.25 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion:113 Resp: 35208
Ion Ratio Lower Upper
113 100
111 105.6 81.9 122.9
192 15.2 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.13 ug/l

RT: 5.562 min Scan# 734

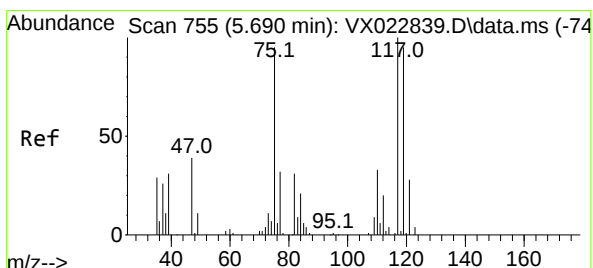
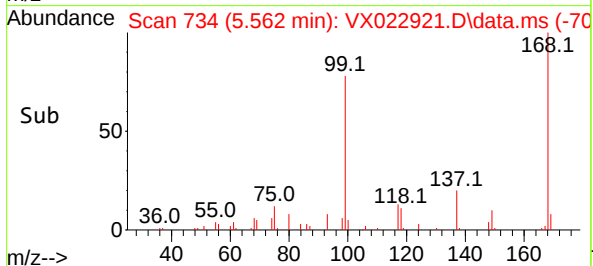
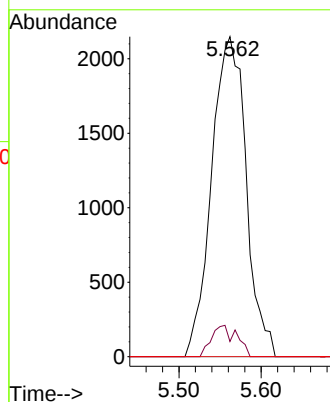
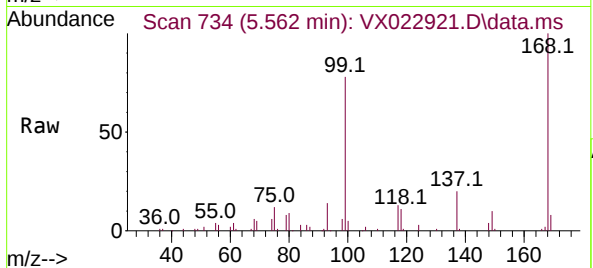
Delta R.T. -0.140 min

Lab File: VX022921.D

Acq: 25 Jun 2021 14:28

Tgt Ion: 75	Resp: 6257
Ion Ratio	Lower Upper
75 100	
110 7.2	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.34 ug/l

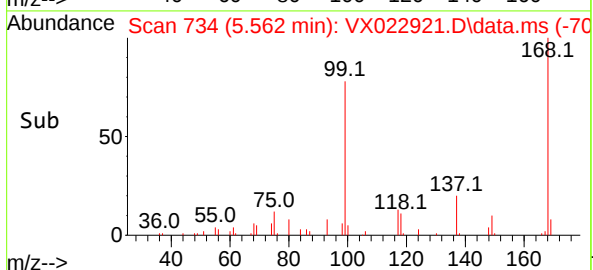
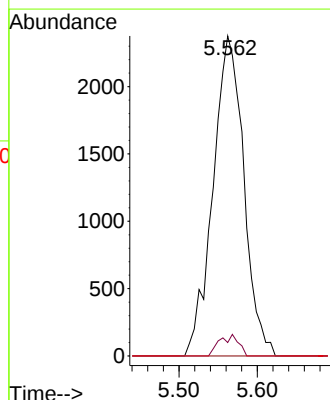
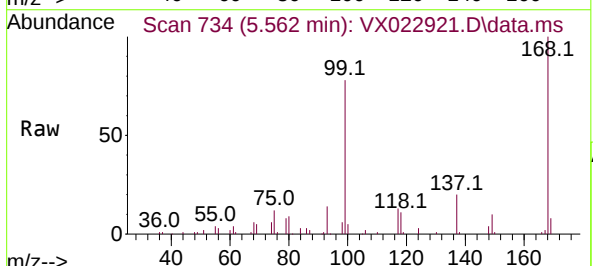
RT: 5.562 min Scan# 734

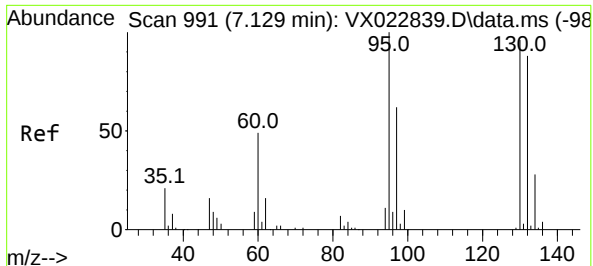
Delta R.T. -0.128 min

Lab File: VX022921.D

Acq: 25 Jun 2021 14:28

Tgt Ion: 117	Resp: 6495
Ion Ratio	Lower Upper
117 100	
119 4.2	76.2 114.2#
121 0.0	24.8 37.2#

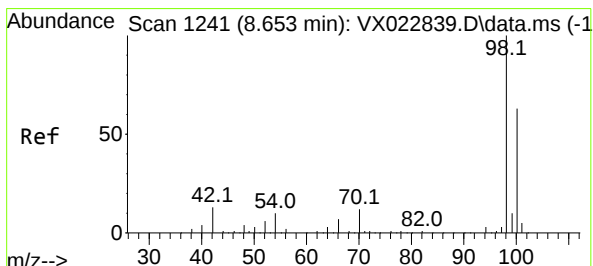
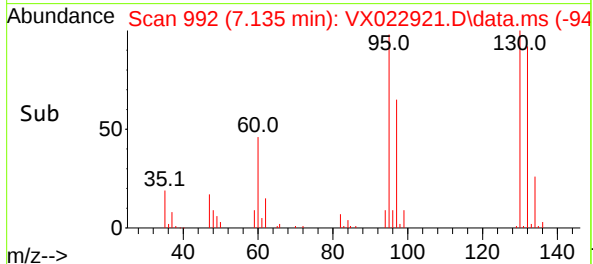
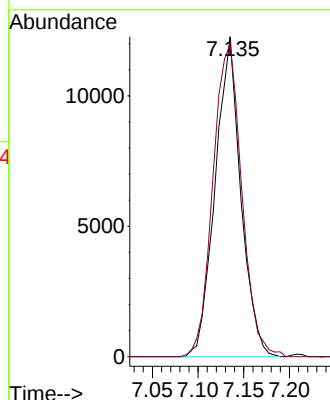
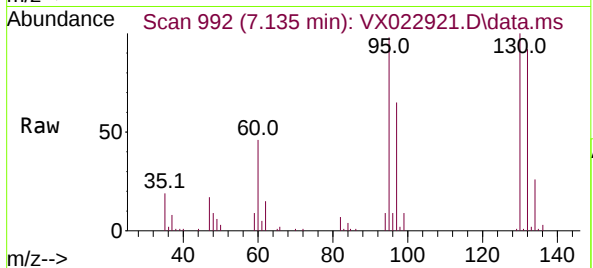




#44
Trichloroethene
Concen: 28.64 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

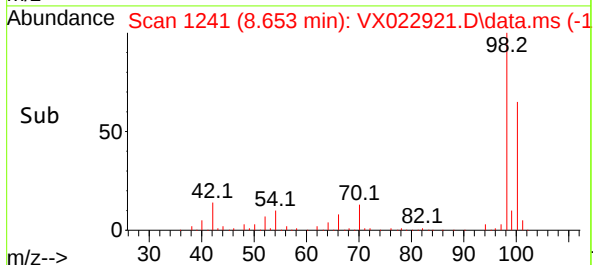
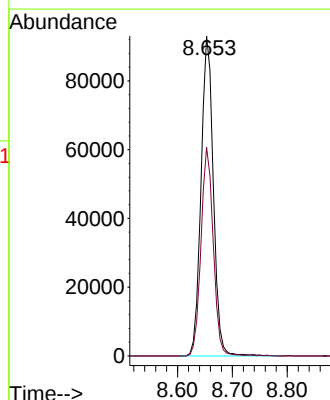
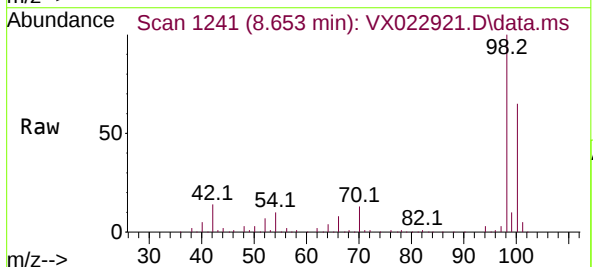
Instrument :
MSVOA_X
ClientSampled :

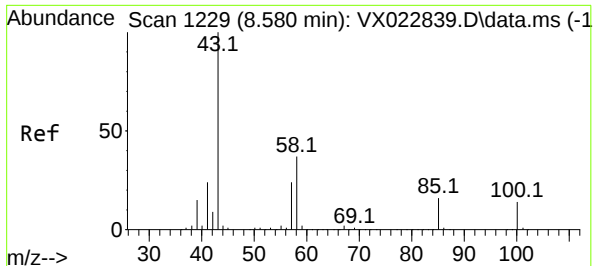
Tgt Ion:130 Resp: 23902
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.0



#50
Toluene-d8
Concen: 50.78 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion: 98 Resp: 145225
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

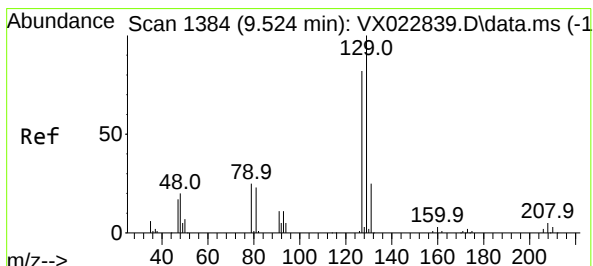
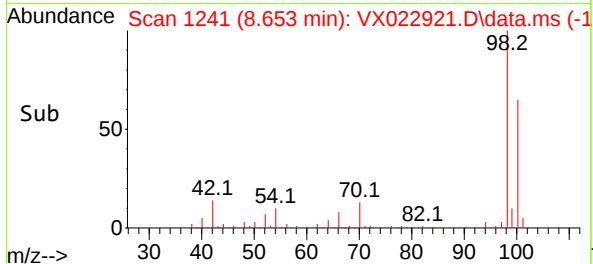
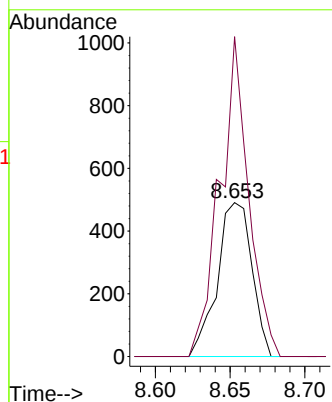
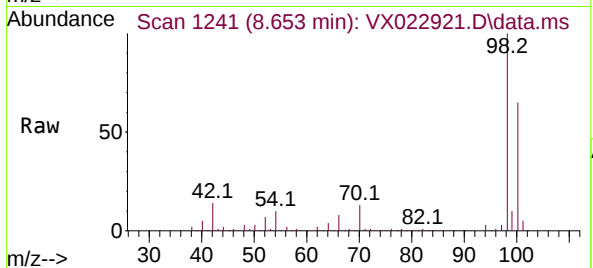




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

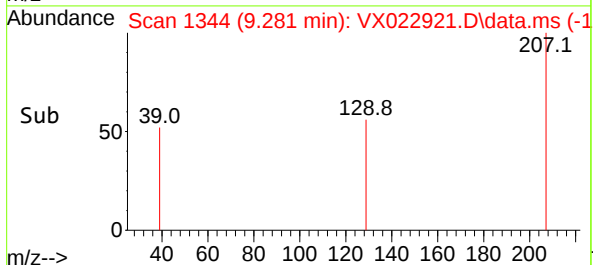
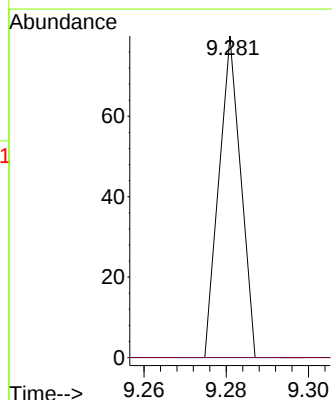
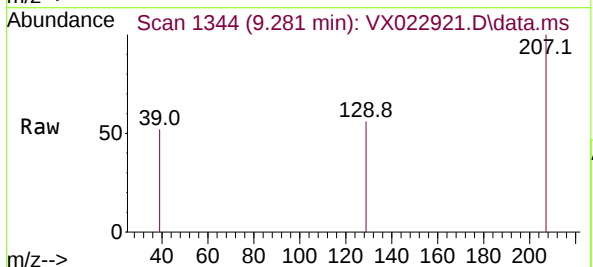
Instrument :
MSVOA_X
ClientSampled :

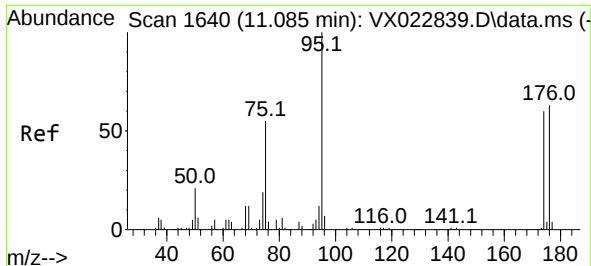
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 171.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.68 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion: 129 Resp: 29
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

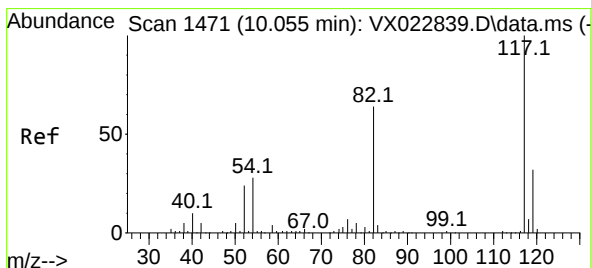
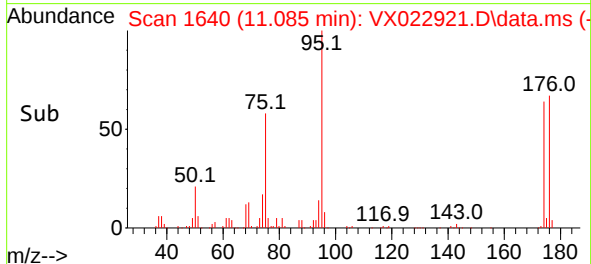
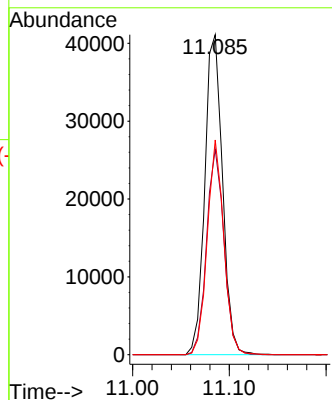
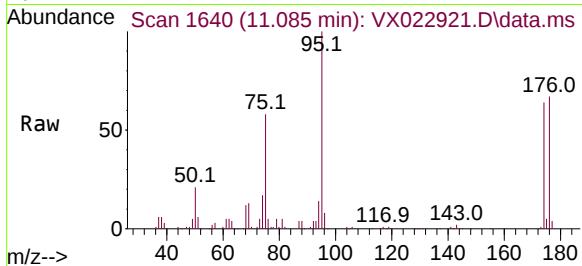




#62
4-Bromofluorobenzene
Concen: 49.12 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

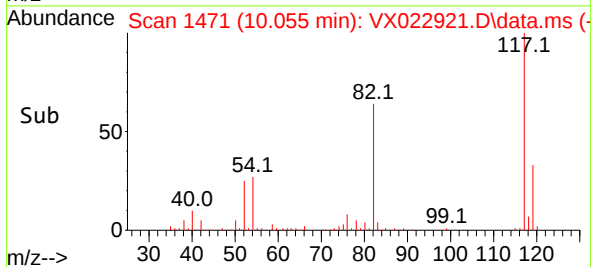
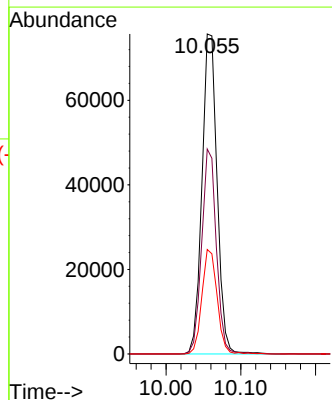
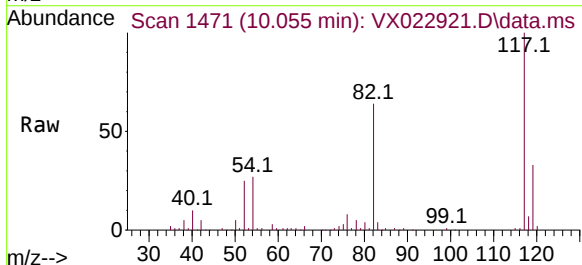
Instrument :
MSVOA_X
ClientSampleId :

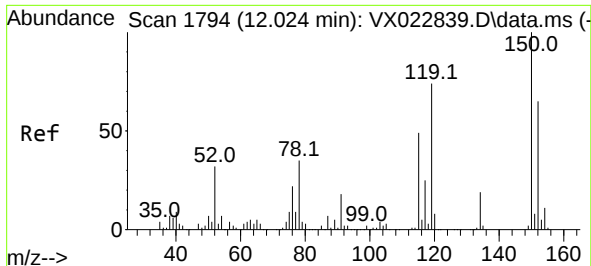
Tgt Ion: 95 Resp: 52424
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 62.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion: 117 Resp: 106254
Ion Ratio Lower Upper
117 100
82 64.1 47.4 71.2
119 32.6 26.6 39.8

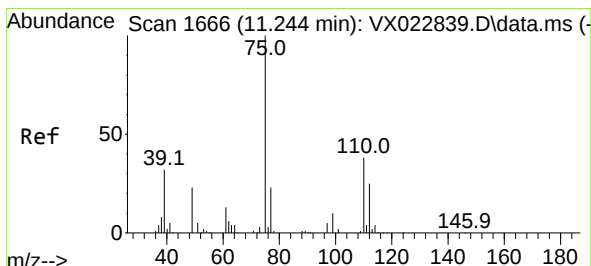
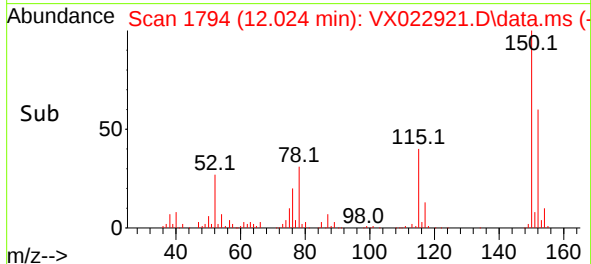
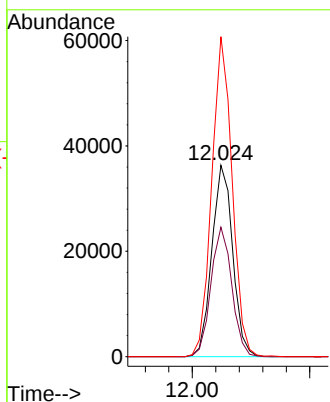
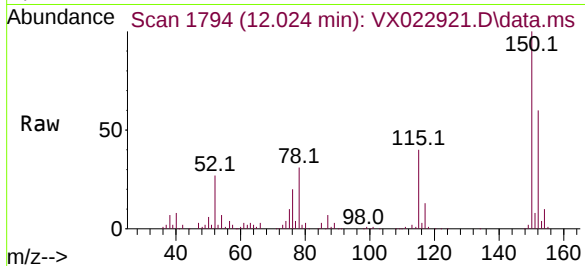




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022921.D
 Acq: 25 Jun 2021 14:28

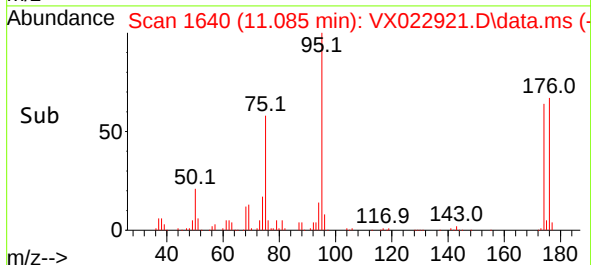
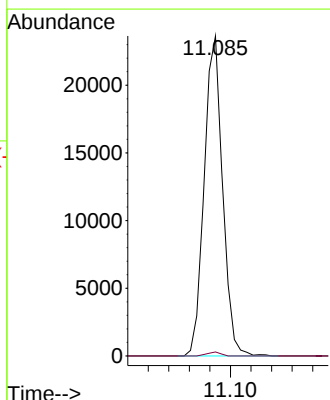
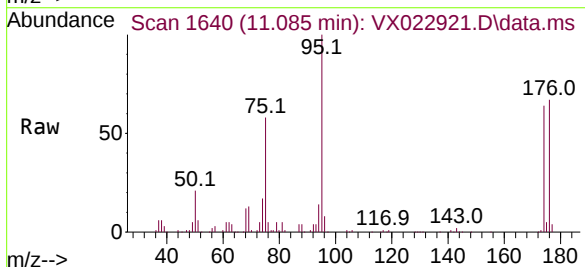
Instrument :
 MSVOA_X
 ClientSampled :

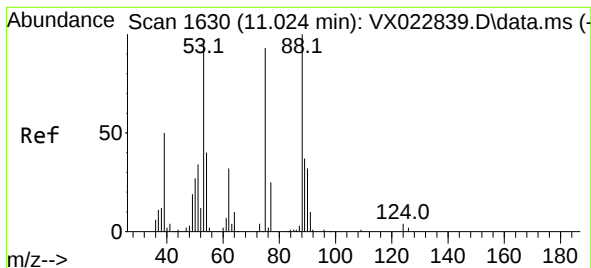
Tgt Ion:152 Resp: 44846
 Ion Ratio Lower Upper
 152 100
 115 67.5 41.1 123.3
 150 163.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.82 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022921.D
 Acq: 25 Jun 2021 14:28

Tgt Ion: 75 Resp: 29395
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#

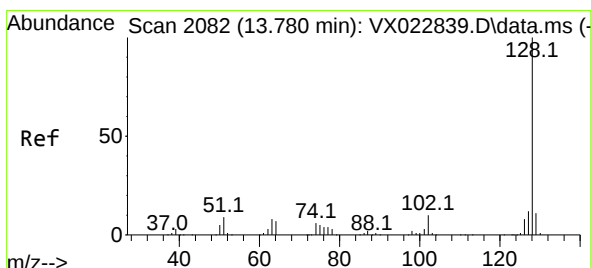
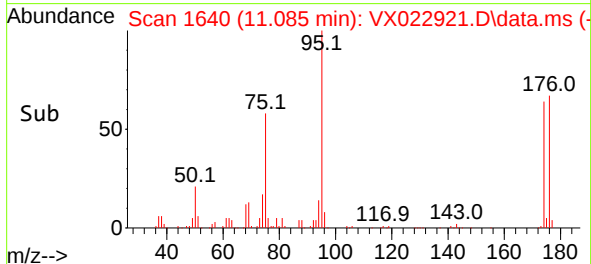
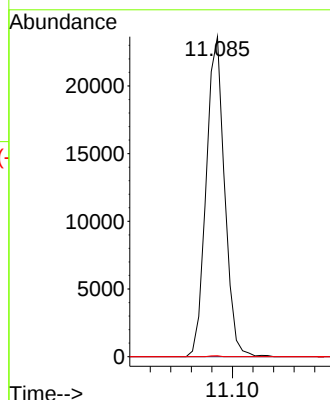
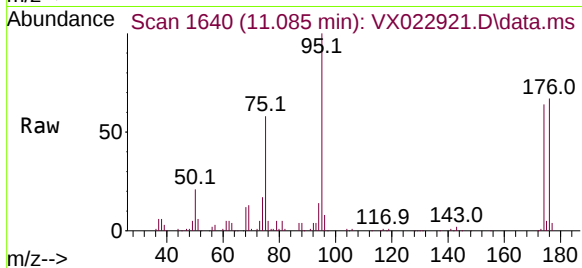




#81
trans-1,4-Dichloro-2-butene
Concen: 64.81 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29395
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#



#95
Naphthalene
Concen: 1.93 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022921.D
Acq: 25 Jun 2021 14:28

Tgt Ion: 128 Resp: 19
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

