

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022688.D
 Acq On : 14 Jun 2021 12:42
 Operator : JC/MD
 Sample : M2688-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

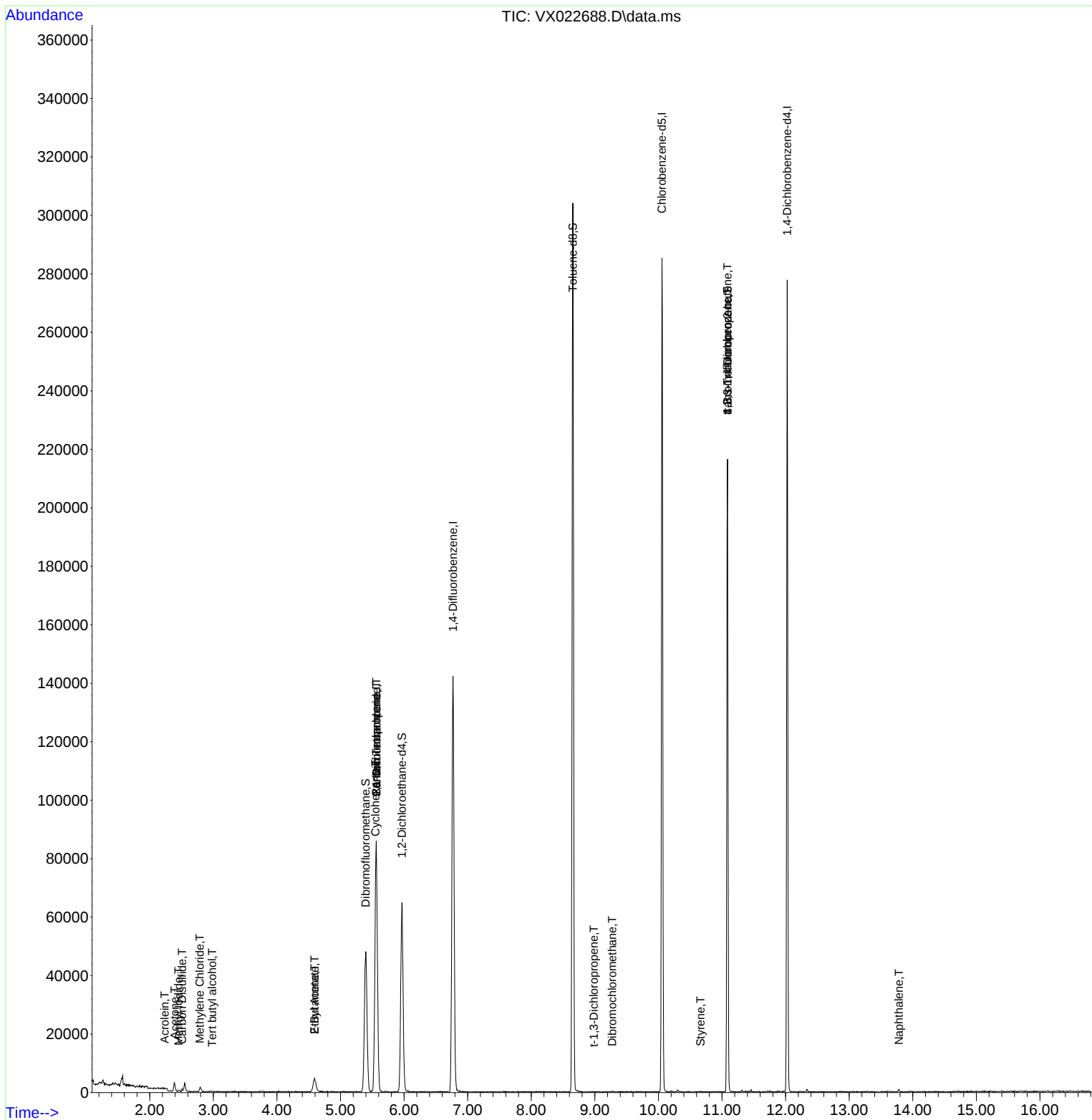
Quant Time: Jun 15 06:10:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

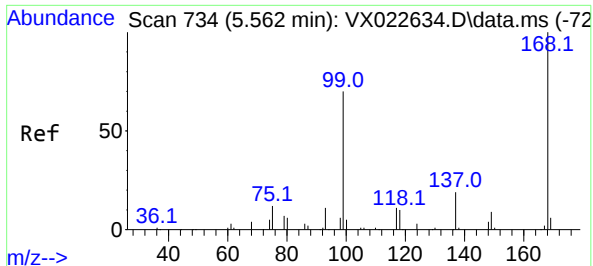
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	70080	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	138208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57446	45.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.16%
35) Dibromofluoromethane	5.397	113	41144	46.66	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.32%
50) Toluene-d8	8.653	98	172679	49.68	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.36%
62) 4-Bromofluorobenzene	11.085	95	59521	45.27	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.54%
Target Compounds						
						Qvalue
10) Methyl Iodide	2.453	142	461	0.48	ug/l	# 80
11) Tert butyl alcohol	2.983	59	157	0.54	ug/l	# 73
13) Acrolein	2.233	56	52	0.43	ug/l	# 14
16) Acetone	2.392	43	3005	5.32	ug/l	# 71
17) Carbon Disulfide	2.508	76	695	0.36	ug/l	# 75
20) Methylene Chloride	2.788	84	616	0.29	ug/l	# 82
25) 2-Butanone	4.593	43	511	0.56	ug/l	# 45
31) Cyclohexane	5.550	56	2129	1.40	ug/l	# 51
36) 1,1-Dichloropropene	5.562	75	7077	5.14	ug/l	# 48
37) Ethyl Acetate	4.593	43	511	0.29	ug/l	# 66
38) Carbon Tetrachloride	5.562	117	8556	7.26	ug/l	# 16
53) t-1,3-Dichloropropene	8.982	75	20	3.27	ug/l	# 44
60) Dibromochloromethane	9.275	129	21	3.19	ug/l	# 11
70) Styrene	10.659	104	99	1.49	ug/l	# 57
76) 1,2,3-Trichloropropane	11.085	75	32113	25.02	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	32113	62.99	ug/l	# 12
95) Naphthalene	13.780	128	543	1.60	ug/l	# 85

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

Quant Time: Jun 15 06:10:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

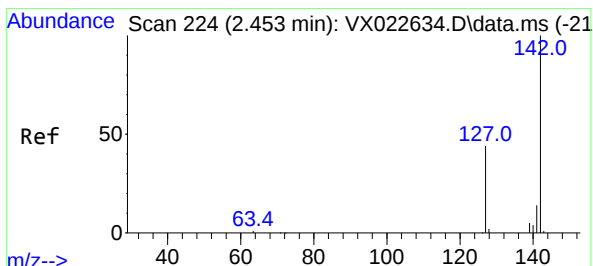
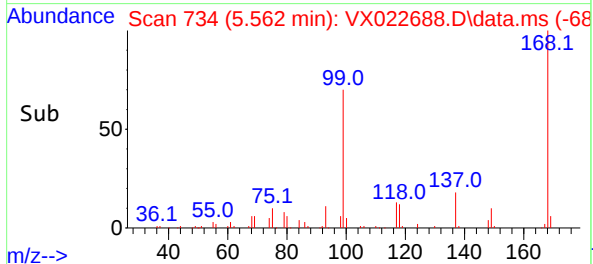
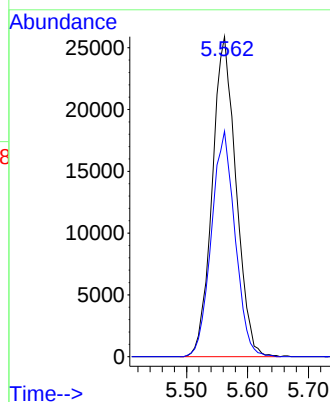
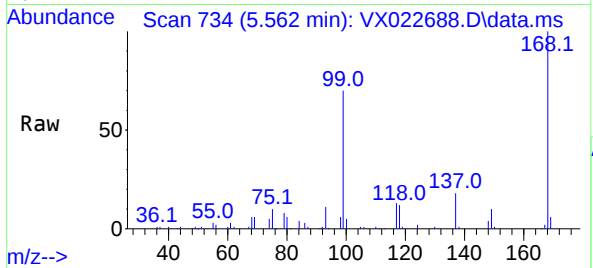




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

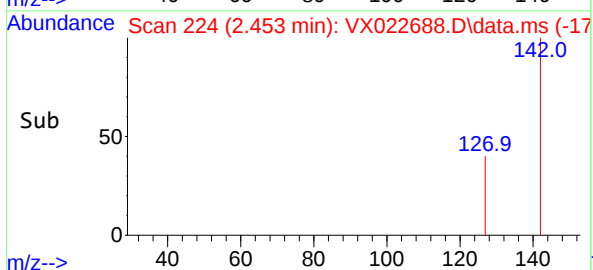
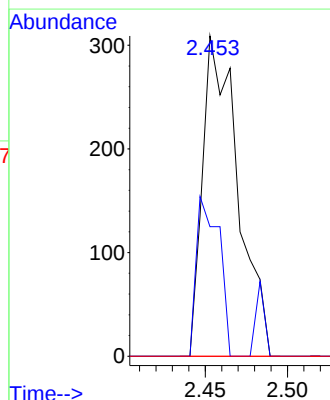
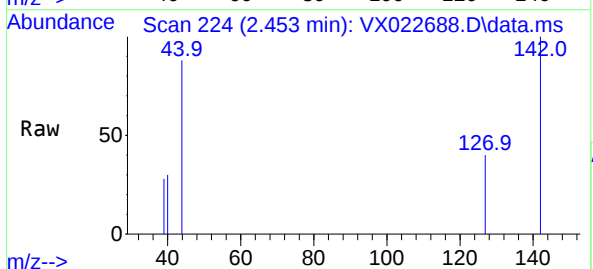
Instrument :
MSVOA_X
ClientSampleId :

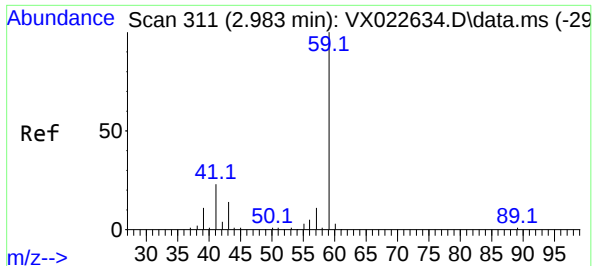
Tgt Ion:168 Resp: 70080
Ion Ratio Lower Upper
168 100
99 70.4 45.8 68.6#



#10
Methyl Iodide
Concen: 0.48 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Tgt Ion:142 Resp: 461
Ion Ratio Lower Upper
142 100
127 32.1 33.3 49.9#
141 0.0 11.4 17.0#



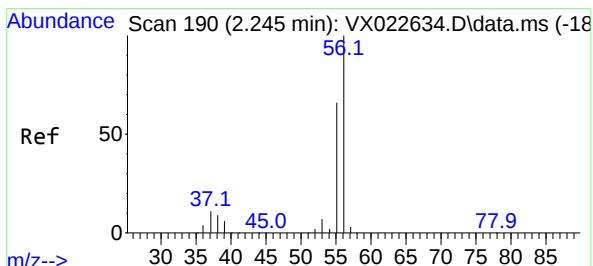
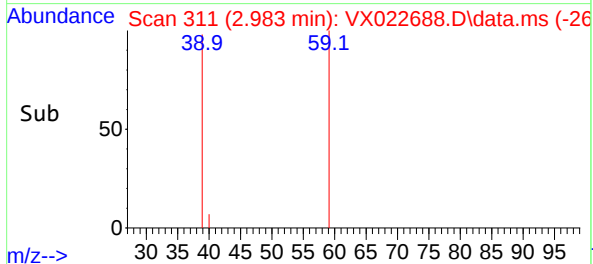
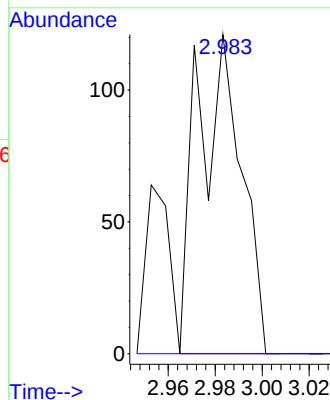
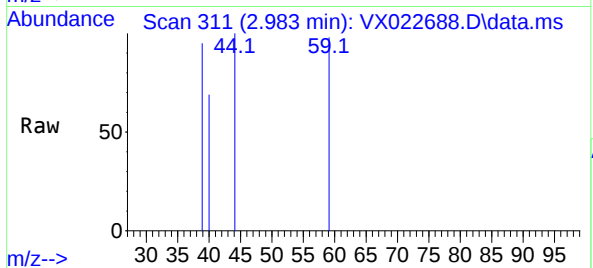


#11

Tert butyl alcohol
Concen: 0.54 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Instrument :
MSVOA_X
ClientSampled :

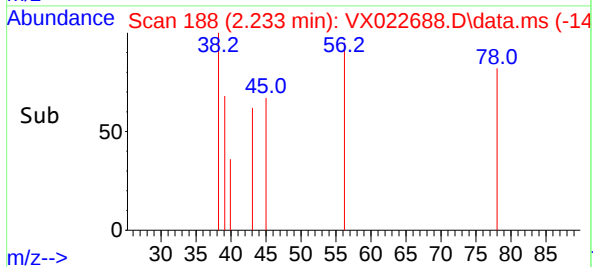
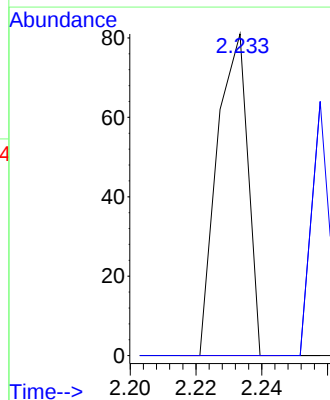
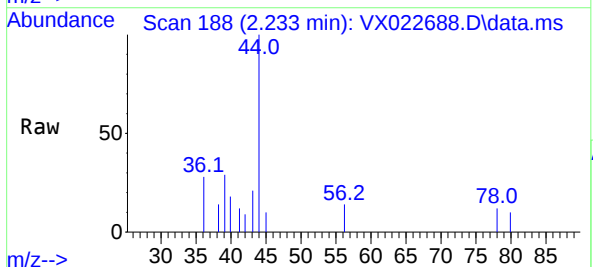
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

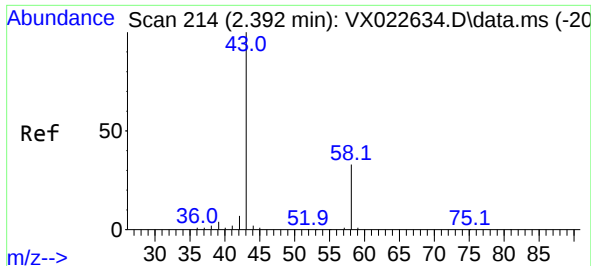


#13

Acrolein
Concen: 0.43 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

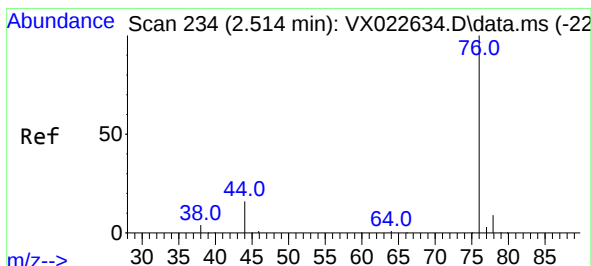
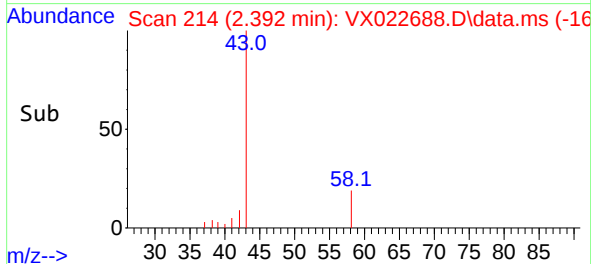
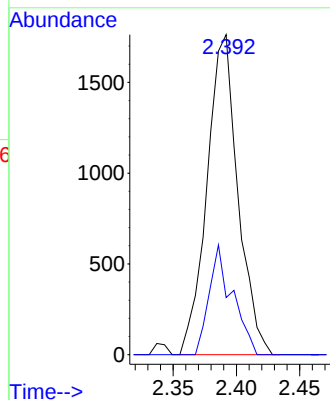
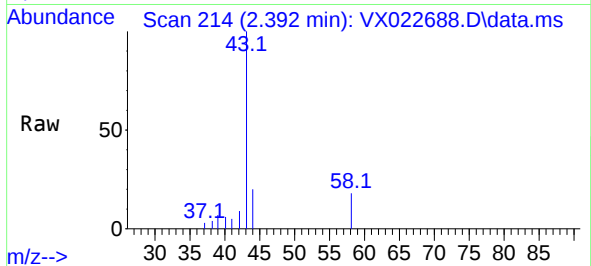




#16
Acetone
Concen: 5.32 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

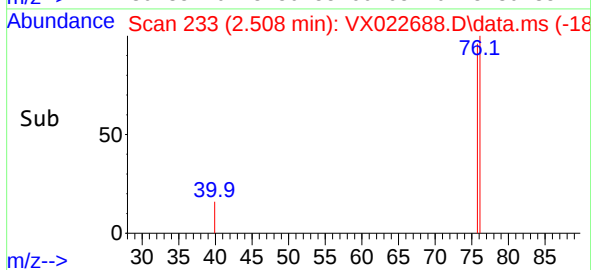
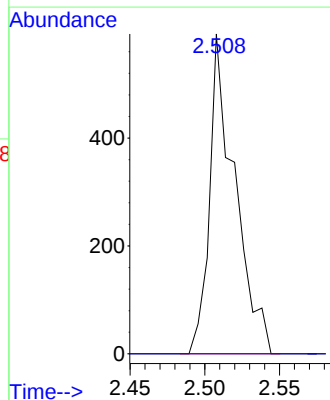
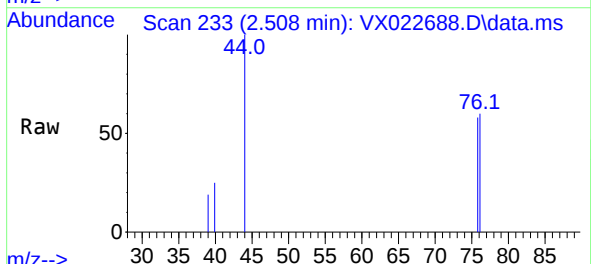
Instrument :
MSVOA_X
ClientSampleId :

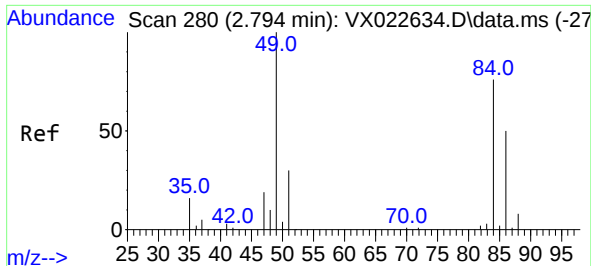
Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
58 17.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.36 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Tgt Ion: 76 Resp: 695
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



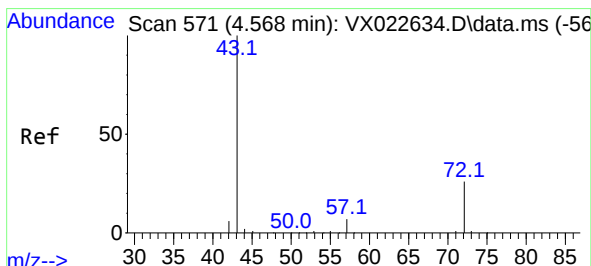
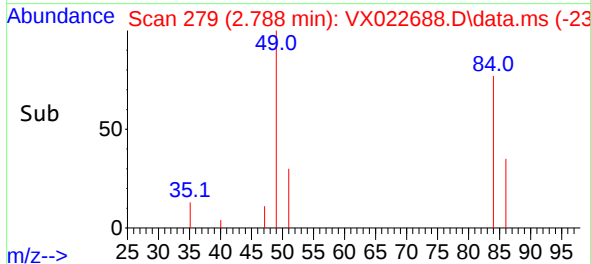
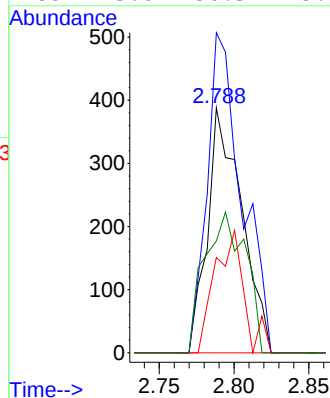
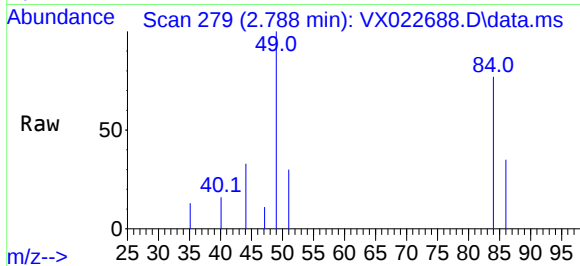


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 84 Resp: 616

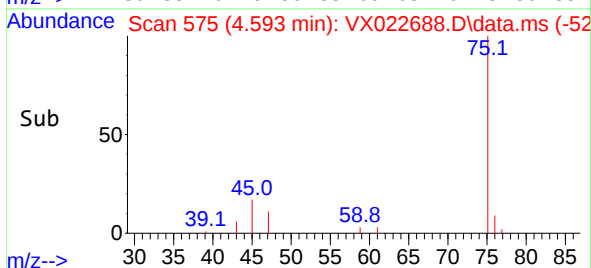
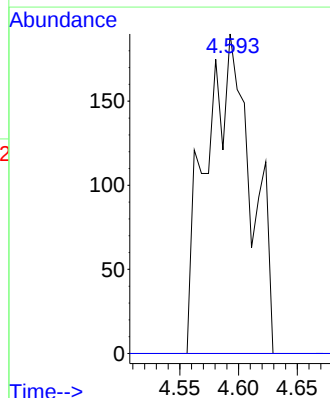
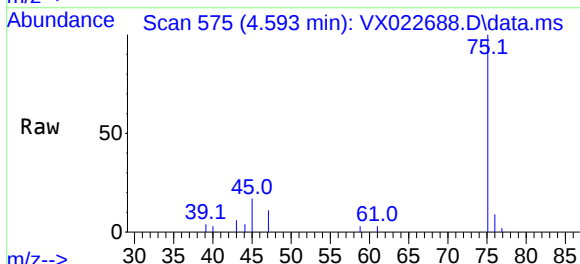
Ion	Ratio	Lower	Upper
84	100		
49	130.7	88.6	132.8
51	38.9	27.0	40.6
86	45.6	50.3	75.5#

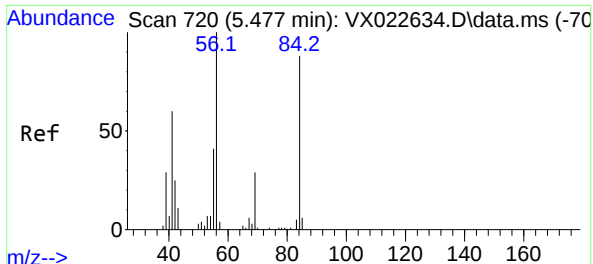


#25
2-Butanone
Concen: 0.56 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Tgt Ion: 43 Resp: 511

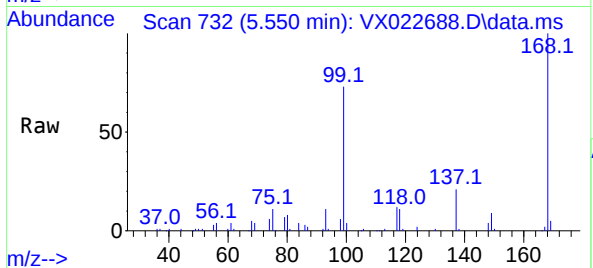
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



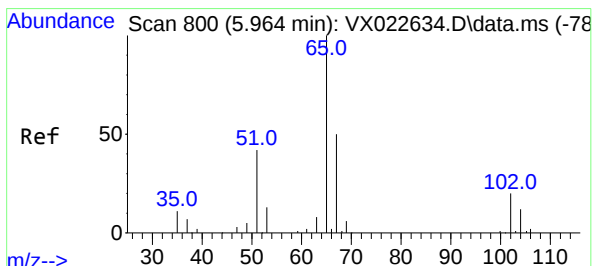
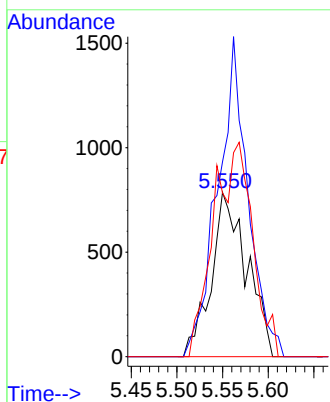
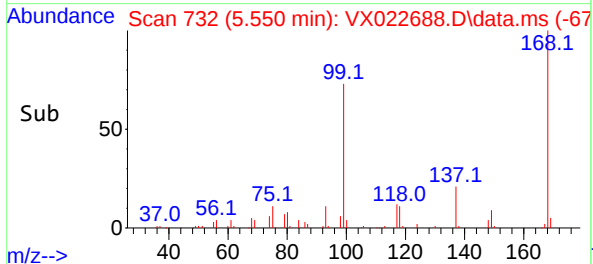


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

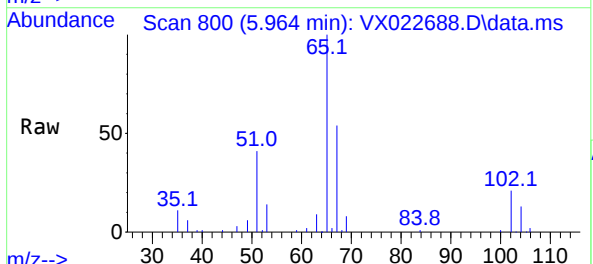
Instrument :
MSVOA_X
ClientSampled :



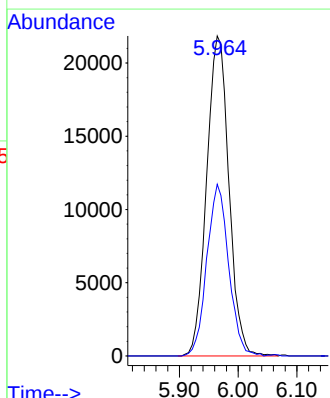
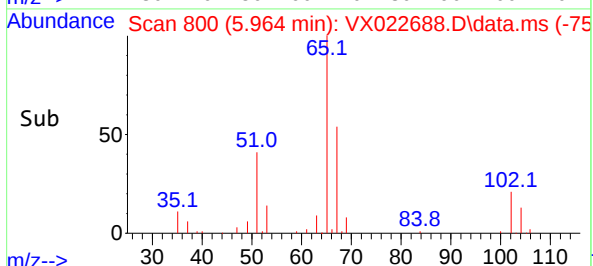
Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 118.6 25.3 37.9#
84 99.5 71.4 107.0

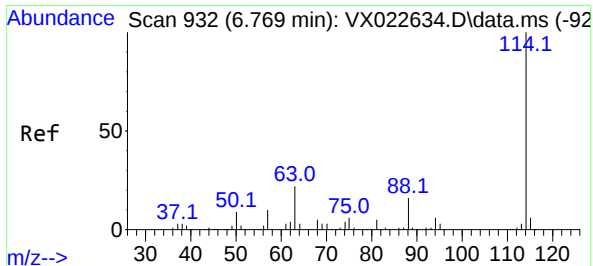


#33
1,2-Dichloroethane-d4
Concen: 45.58 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42



Tgt Ion: 65 Resp: 57446
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

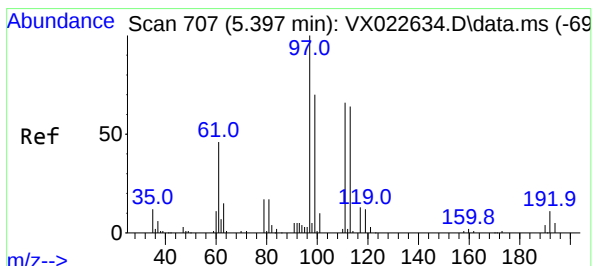
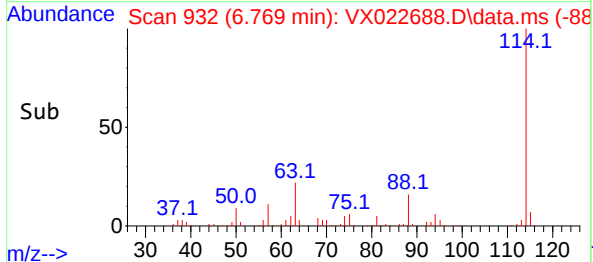
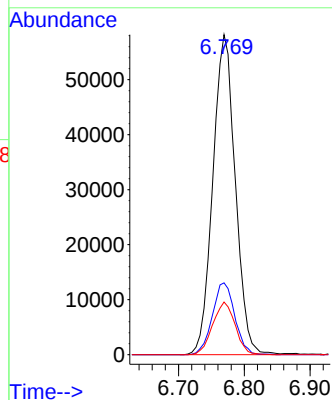
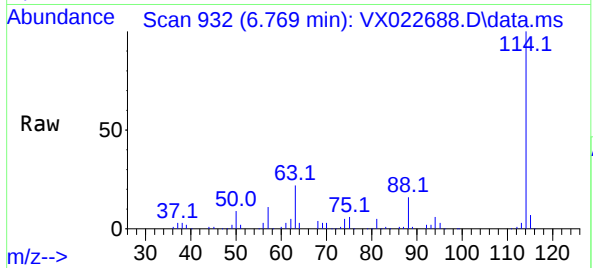




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

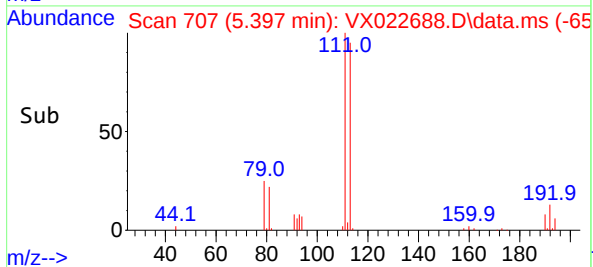
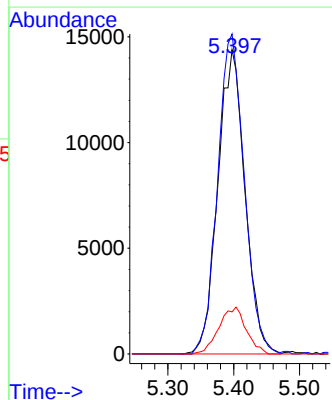
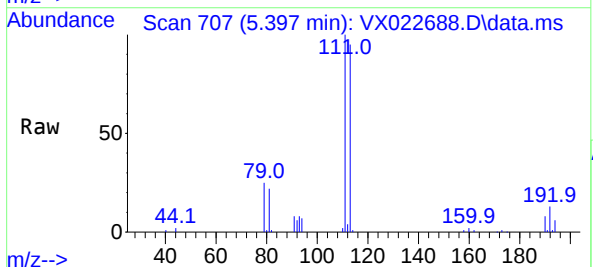
Instrument :
MSVOA_X
ClientSampled :

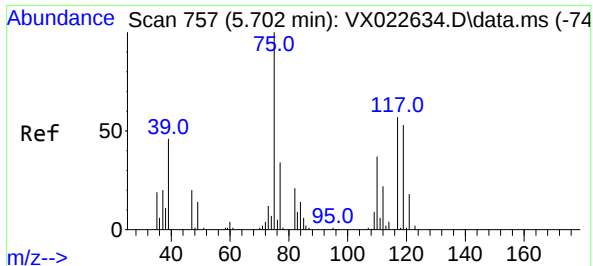
Tgt Ion:114 Resp: 138208
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.66 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

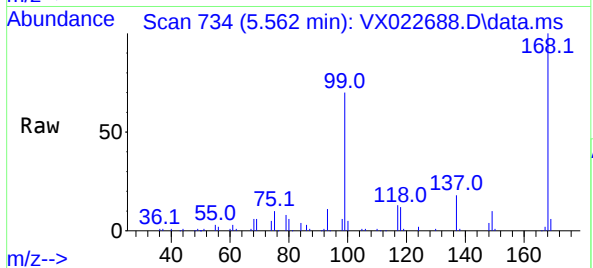
Tgt Ion:113 Resp: 41144
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 15.5 16.7 25.1#



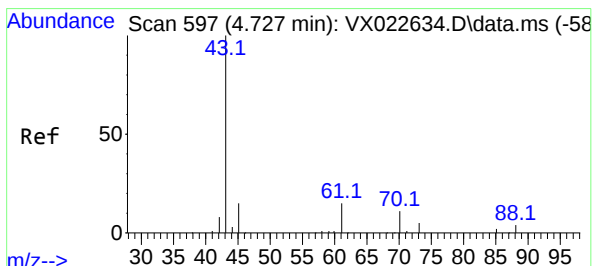
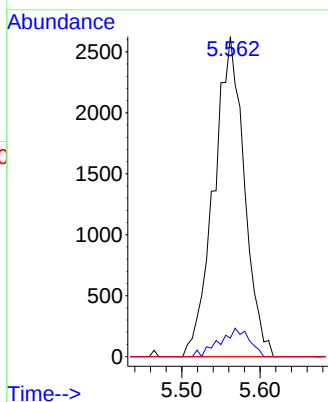
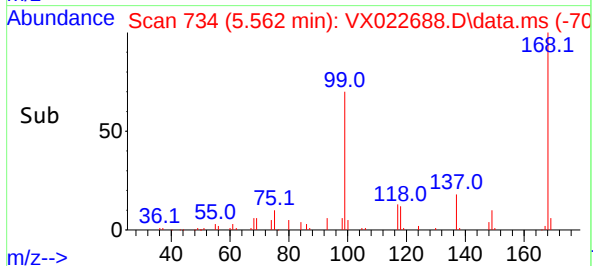


#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

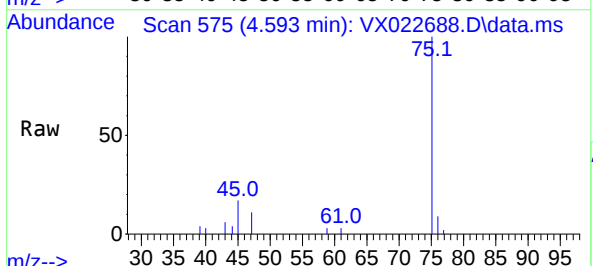
Instrument :
MSVOA_X
ClientSampleId :



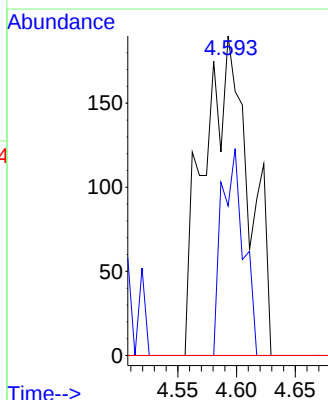
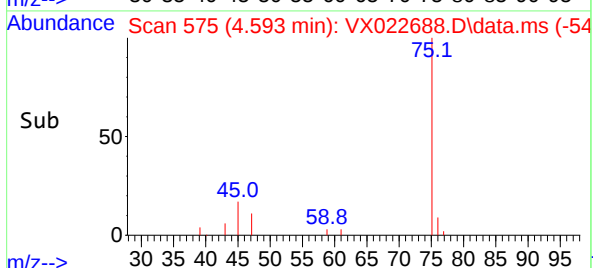
Tgt Ion: 75 Resp: 7077
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

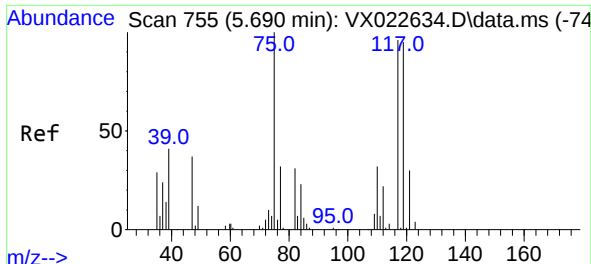


#37
Ethyl Acetate
Concen: 0.29 ug/l
RT: 4.593 min Scan# 575
Delta R.T. -0.134 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42



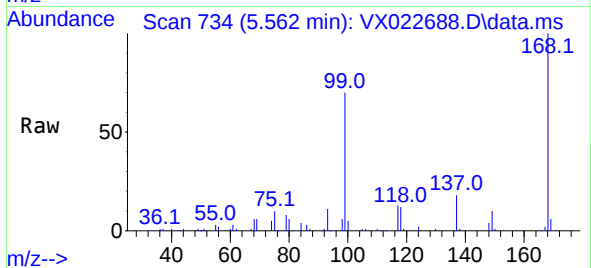
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
61 31.1 12.8 19.2#
70 0.0 10.5 15.7#



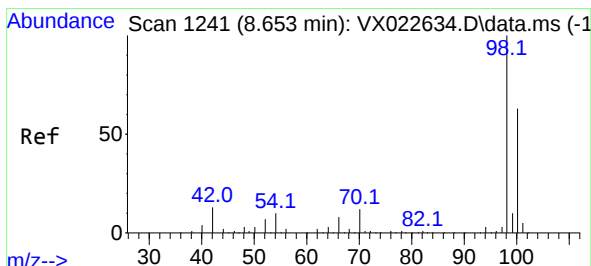
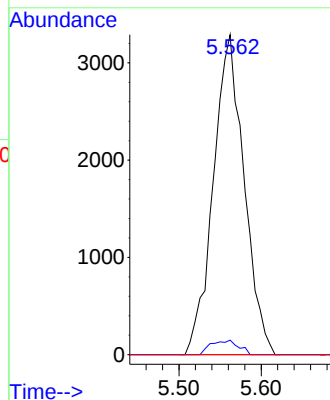
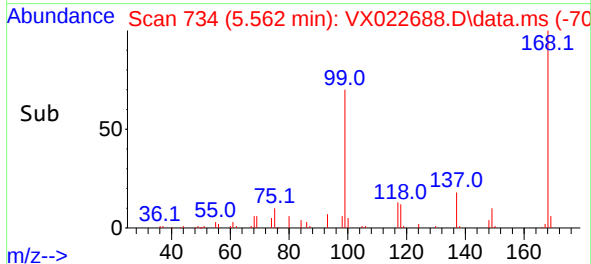


#38
Carbon Tetrachloride
Concen: 7.26 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

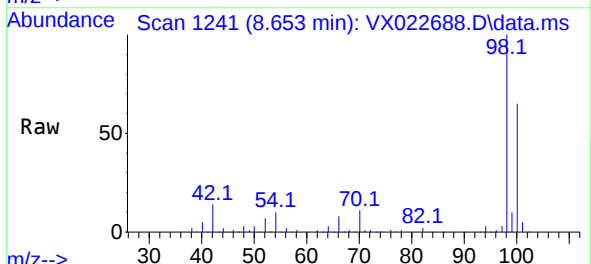
Instrument :
MSVOA_X
ClientSampled :



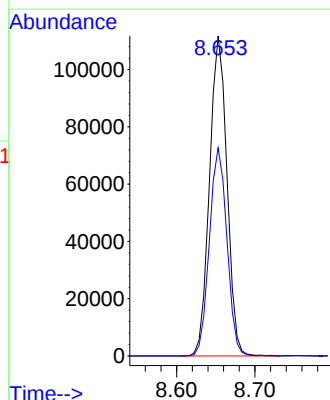
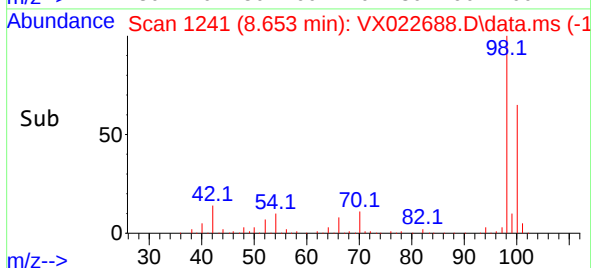
Tgt Ion:117 Resp: 8556
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

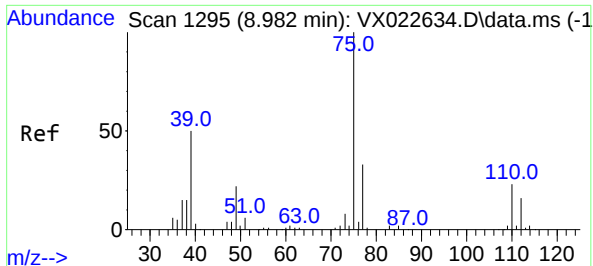


#50
Toluene-d8
Concen: 49.68 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42



Tgt Ion: 98 Resp: 172679
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

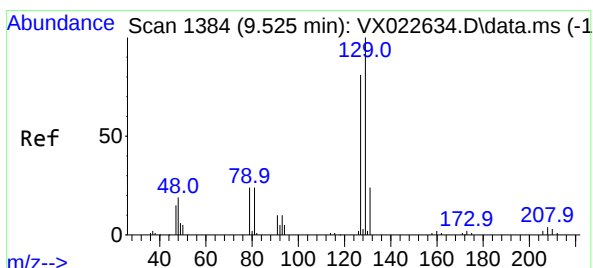
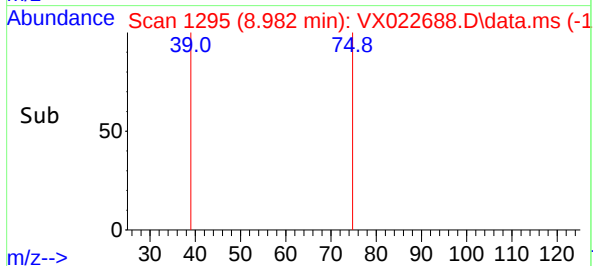
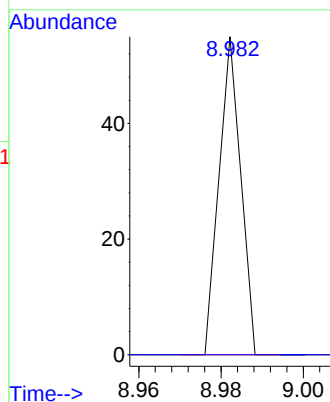
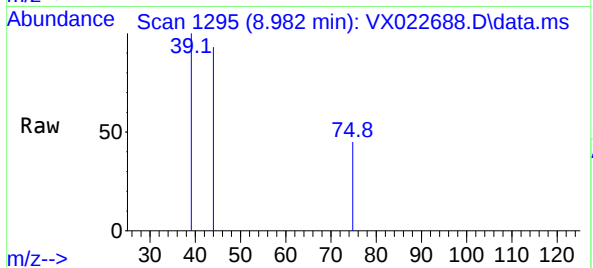




#53
t-1,3-Dichloropropene
Concen: 3.27 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

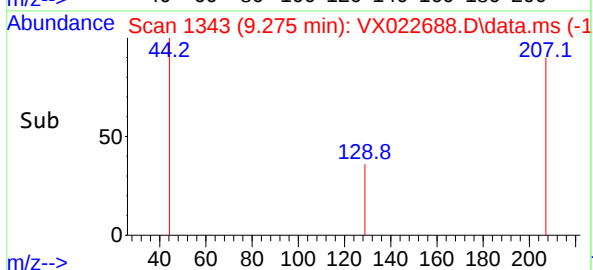
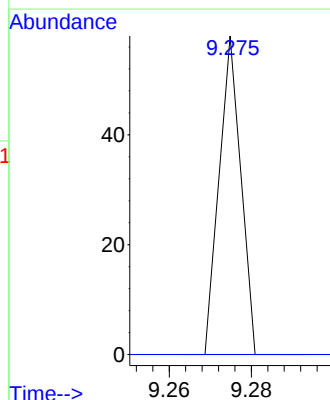
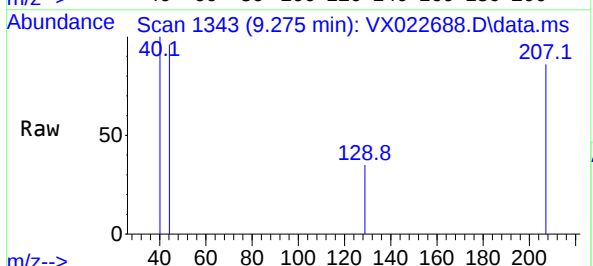
Instrument :
MSVOA_X
ClientSampled :

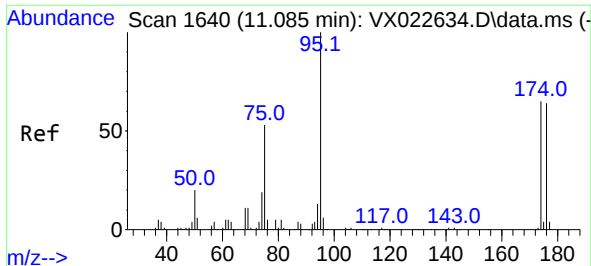
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 3.19 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Tgt Ion:129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

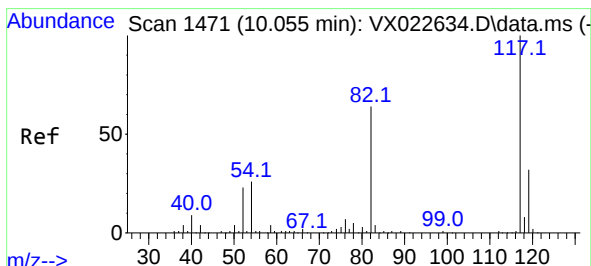
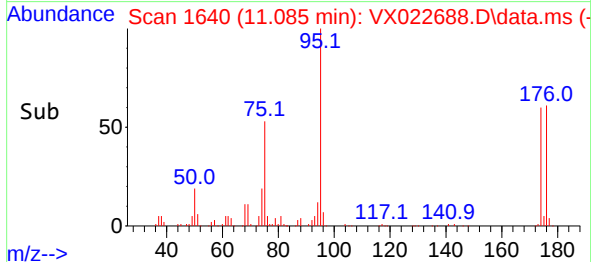
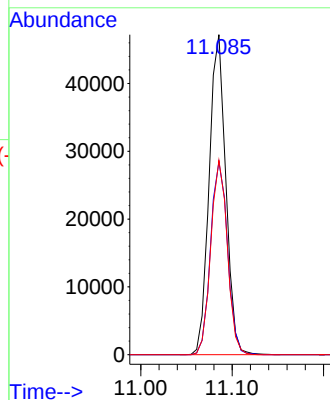
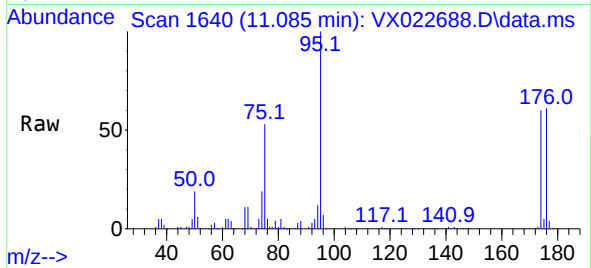




#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

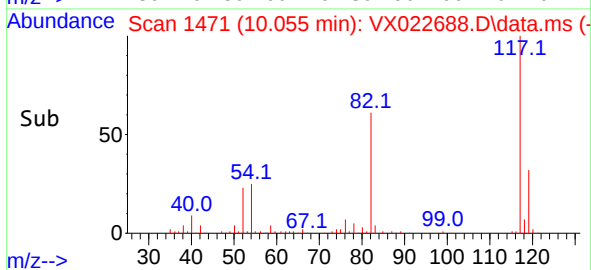
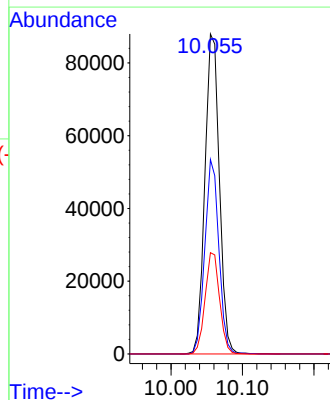
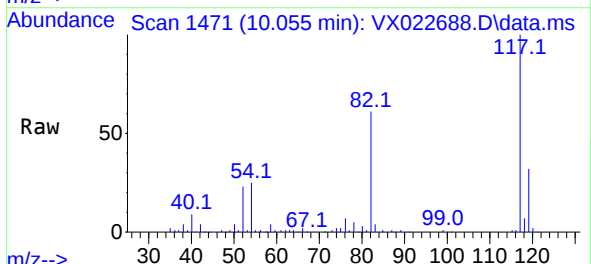
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 95 Resp: 59521
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 60.4 0.0 155.8

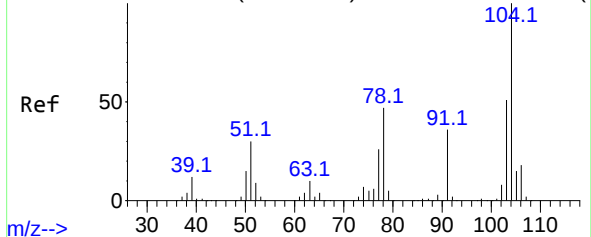


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Tgt Ion: 117 Resp: 123640
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.6 26.6 39.8



Abundance Scan 1570 (10.659 min): VX022634.D\data.ms (-

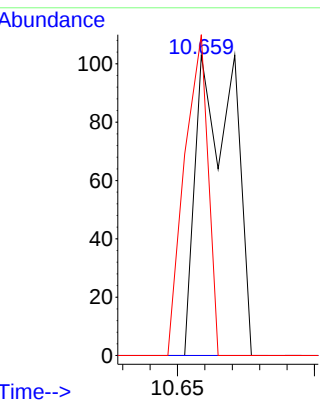
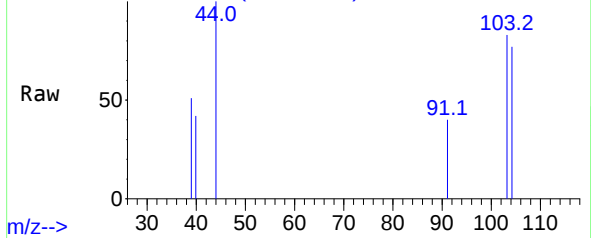


#70
Styrene
Concen: 1.49 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

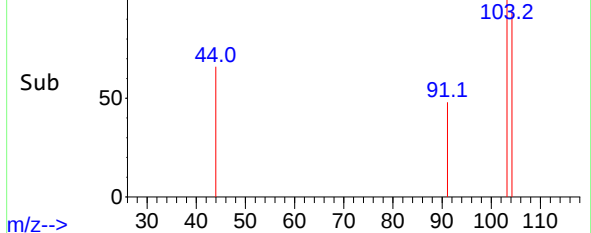
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	104	Resp:	99
Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	65.7	43.4	65.0#

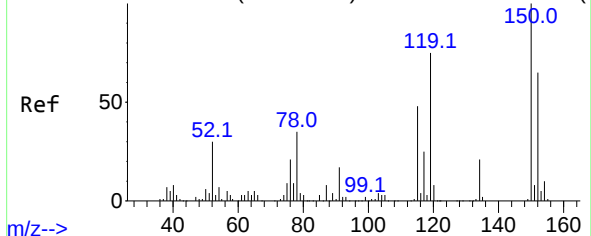
Abundance Scan 1570 (10.659 min): VX022688.D\data.ms



Abundance Scan 1570 (10.659 min): VX022688.D\data.ms (-



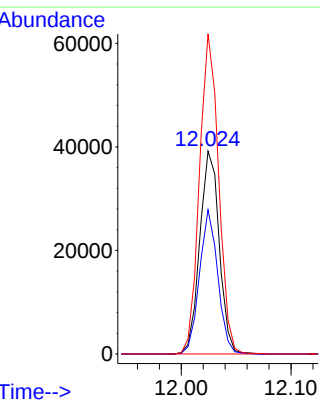
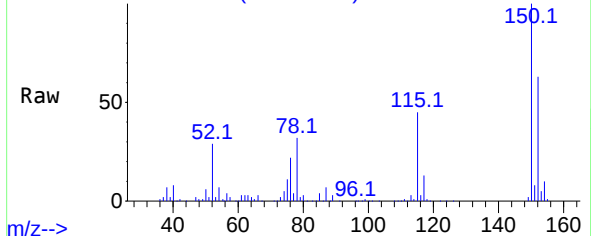
Abundance Scan 1794 (12.024 min): VX022634.D\data.ms (-



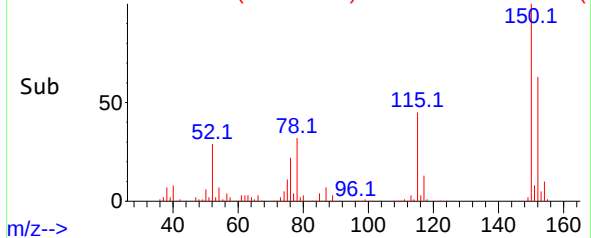
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

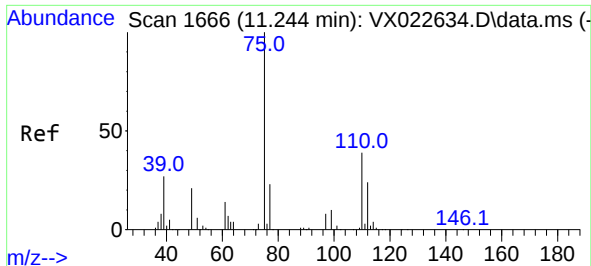
Tgt Ion:	152	Resp:	48414
Ion	Ratio	Lower	Upper
152	100		
115	66.7	41.1	123.3
150	155.1	0.0	349.0

Abundance Scan 1794 (12.024 min): VX022688.D\data.ms



Abundance Scan 1794 (12.024 min): VX022688.D\data.ms (-

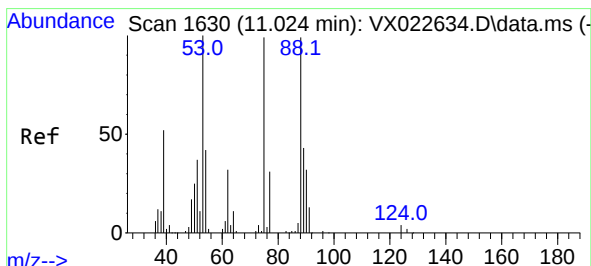
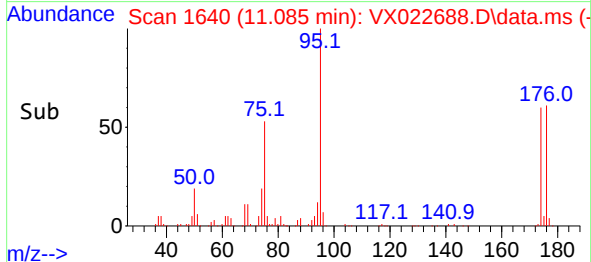
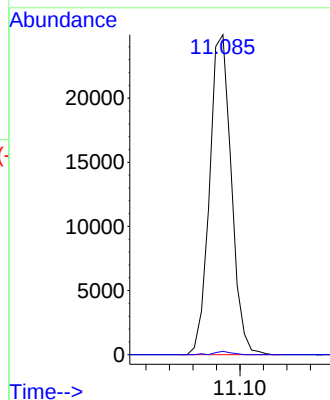
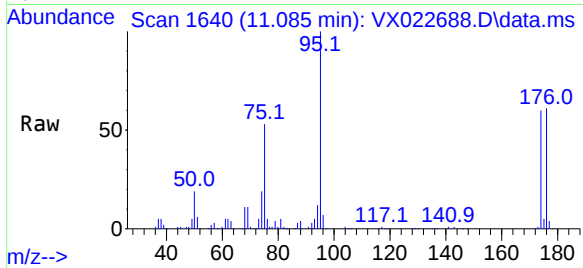




#76
1,2,3-Trichloropropane
Concen: 25.02 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

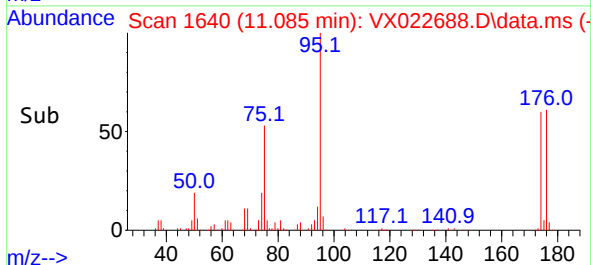
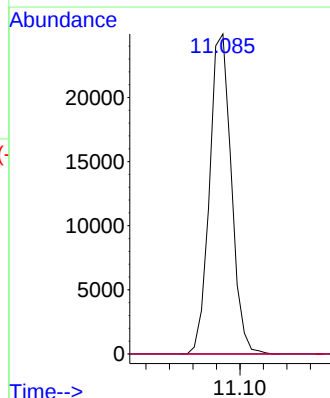
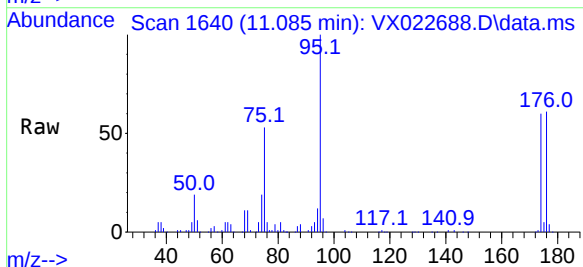
Instrument :
MSVOA_X
ClientSampled :

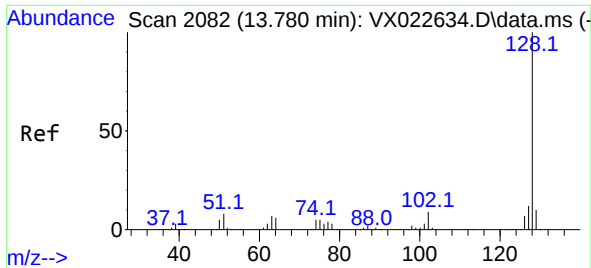
Tgt Ion: 75 Resp: 32113
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

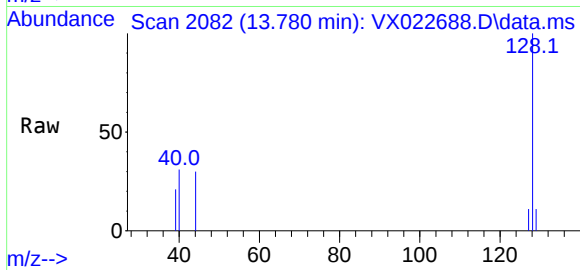
Tgt Ion: 75 Resp: 32113
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.60 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022688.D
Acq: 14 Jun 2021 12:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	543
Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.3	15.5#
129	3.7	8.8	13.2#

