

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022987.D
 Acq On : 28 Jun 2021 18:34
 Operator : JC/MD
 Sample : M2875-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13D

Quant Time: Jun 29 03:08:08 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)

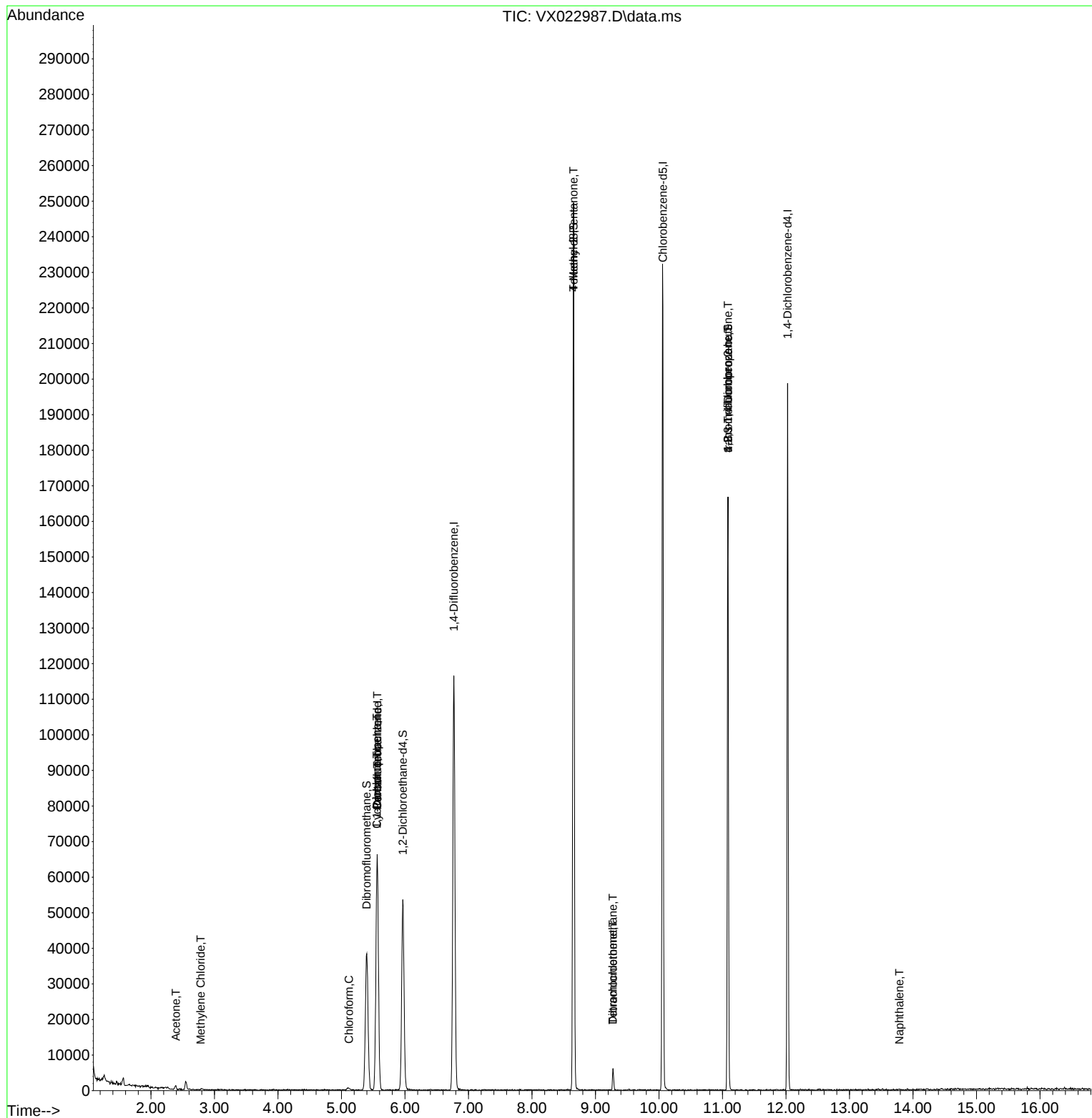
Internal Standards						
1) Pentafluorobenzene	5.562	168	53349	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	96974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49195	50.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.620%	
35) Dibromofluoromethane	5.398	113	33294	47.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.540%	
50) Toluene-d8	8.653	98	134357	49.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	11.086	95	44203	43.356	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.720%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1208	2.814	ug/l	93
20) Methylene Chloride	2.782	84	245	0.658	ug/l #	57
30) Chloroform	5.117	83	502	0.342	ug/l	93
31) Cyclohexane	5.556	56	1633	1.195	ug/l #	66
36) 1,1-Dichloropropene	5.556	75	5686	4.877	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6572	6.721	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	740	0.548	ug/l #	1
60) Dibromochloromethane	9.275	129	956	4.760	ug/l #	11
64) Tetrachloroethene	9.275	164	910	1.335	ug/l	87
76) 1,2,3-Trichloropropane	11.086	75	25102	27.444	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	25102	70.986	ug/l #	12
95) Naphthalene	13.786	128	162	1.978	ug/l #	69

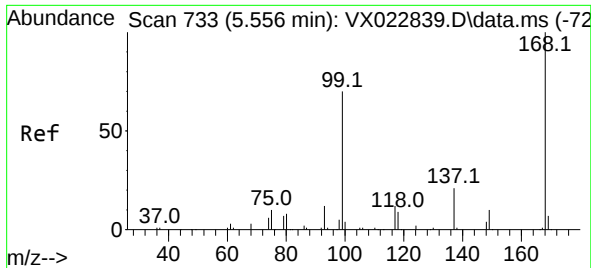
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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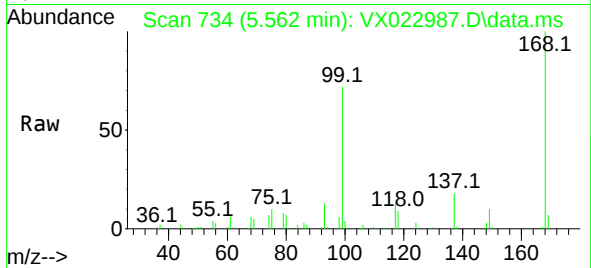
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



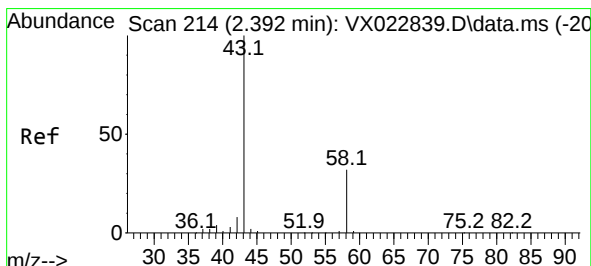
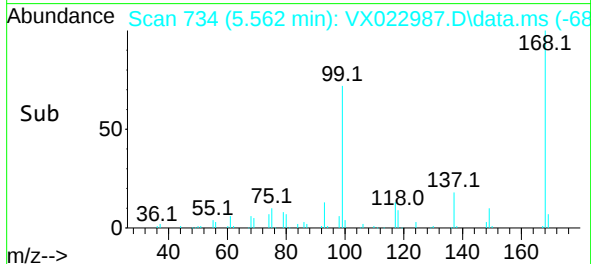
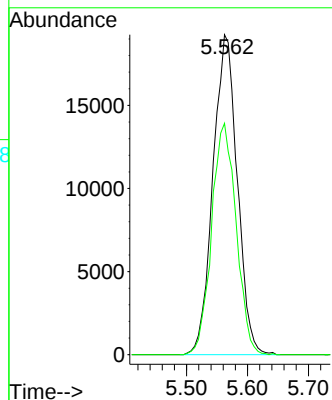


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13D

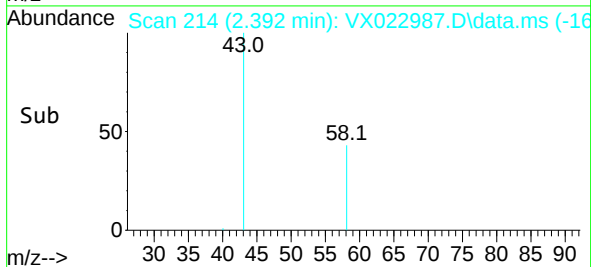
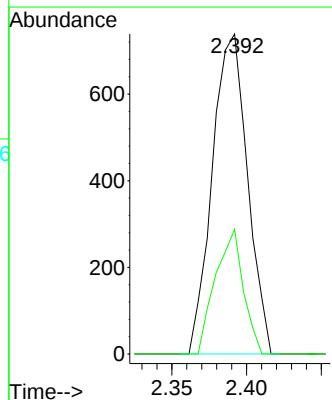
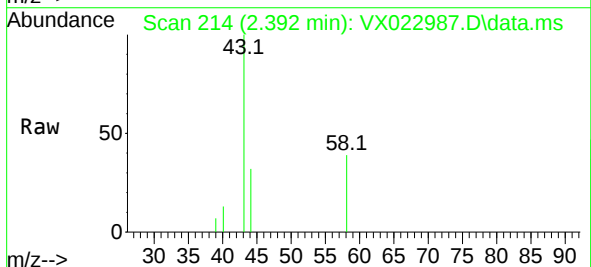


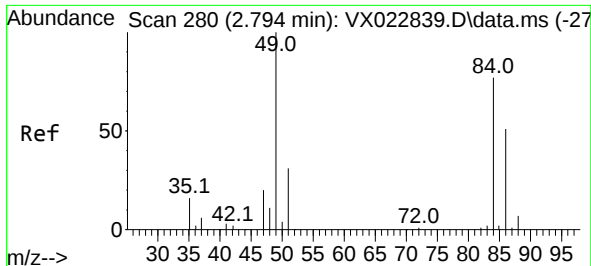
Tgt Ion:168 Resp: 53349
Ion Ratio Lower Upper
168 100
99 72.3 45.8 68.6#



#16
Acetone
Concen: 2.814 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 39.0 27.8 41.8



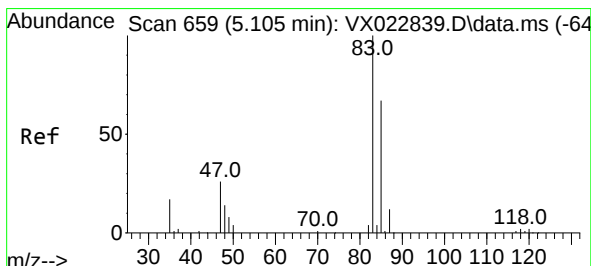
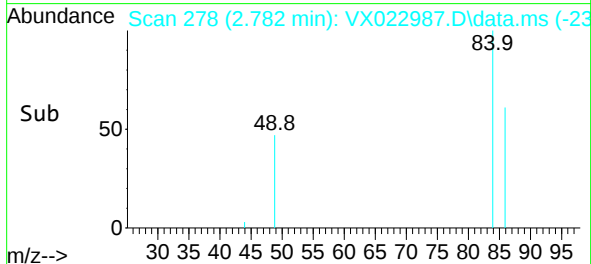
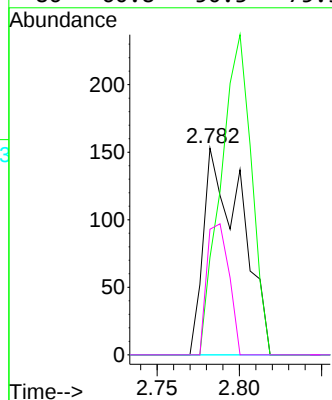
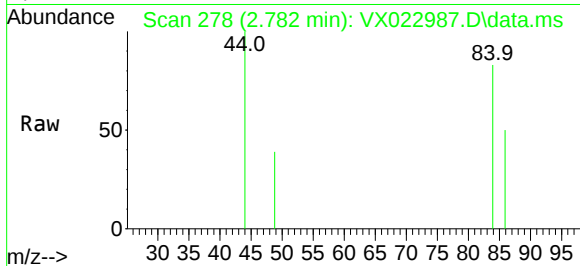


#20
Methylene Chloride
Concen: 0.658 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.012 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13D

Tgt Ion: 84 Resp: 245

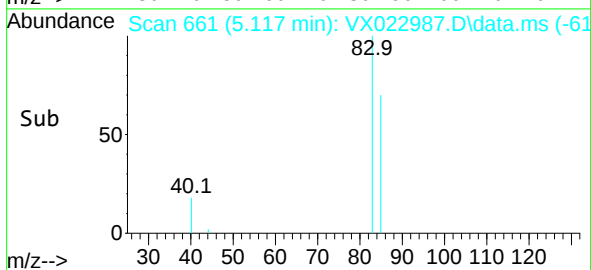
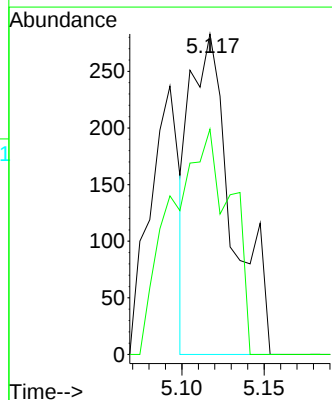
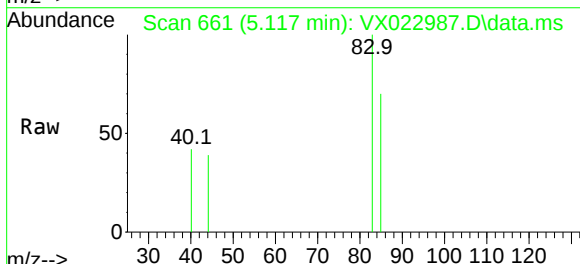
Ion	Ratio	Lower	Upper
84	100		
49	47.1	88.6	132.8#
51	0.0	27.0	40.6#
86	60.8	50.3	75.5

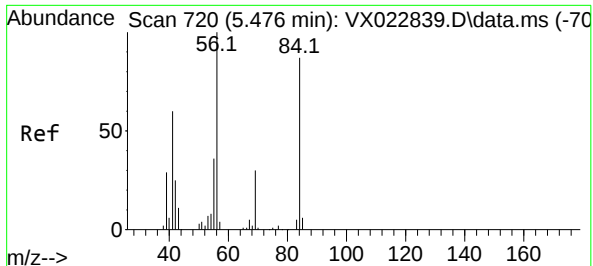


#30
Chloroform
Concen: 0.342 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 83 Resp: 502

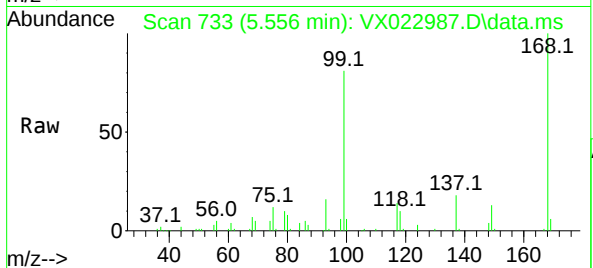
Ion	Ratio	Lower	Upper
83	100		
85	70.3	52.0	78.0



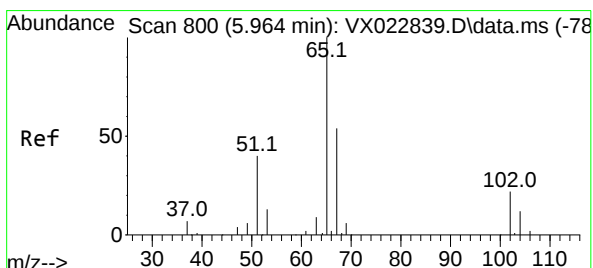
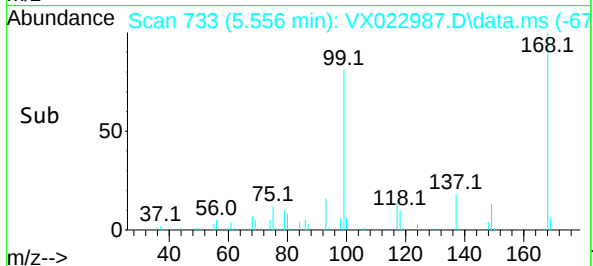
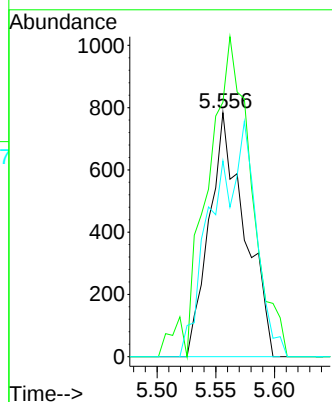


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13D

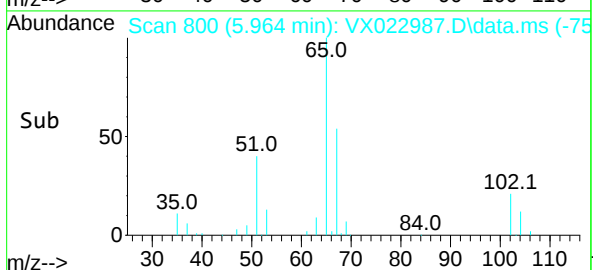
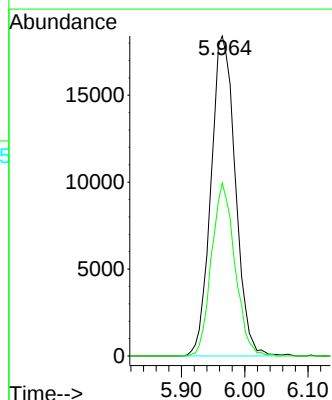
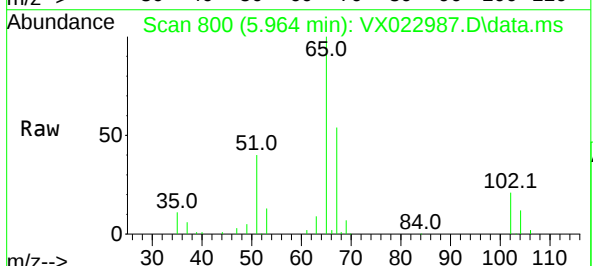


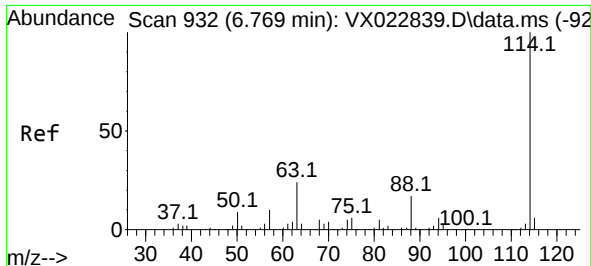
Tgt Ion: 56 Resp: 1633
Ion Ratio Lower Upper
56 100
69 88.3 25.3 37.9#
84 80.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 50.812 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 65 Resp: 49195
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

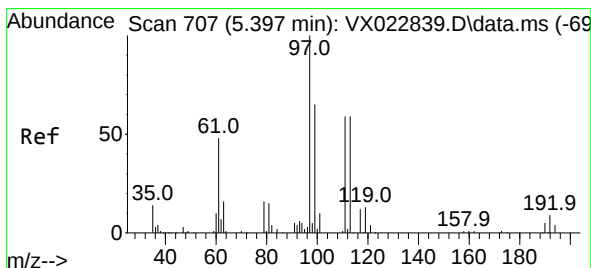
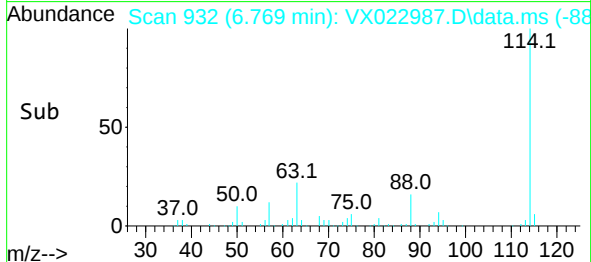
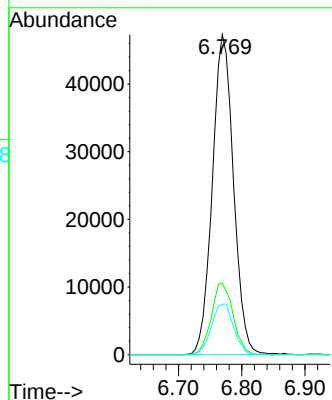
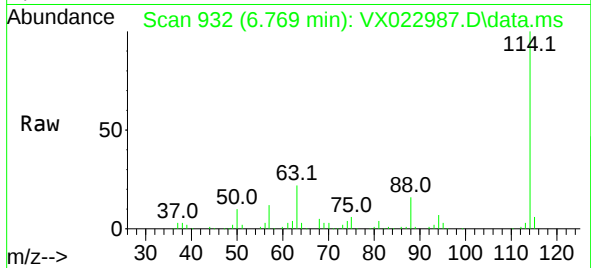




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

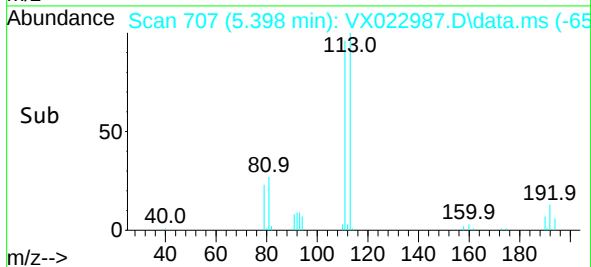
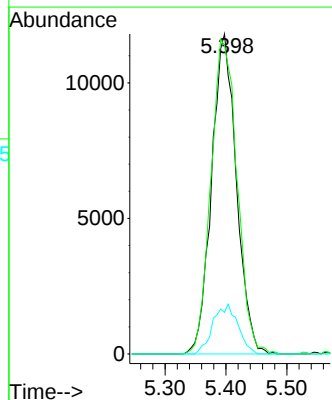
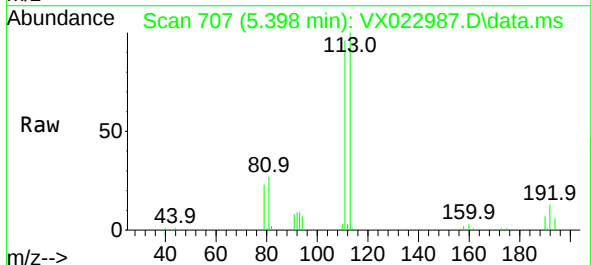
Instrument :
MSVOA_X
ClientSampleId :
MW-13D

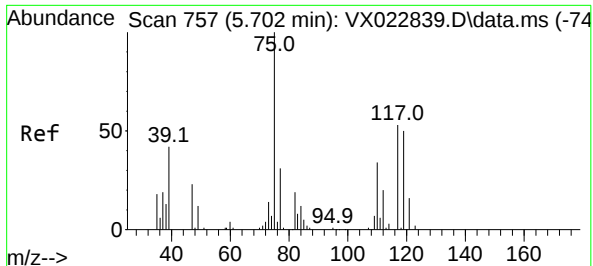
Tgt Ion:114 Resp: 109765
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.765 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion:113 Resp: 33294
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 15.6 16.7 25.1#

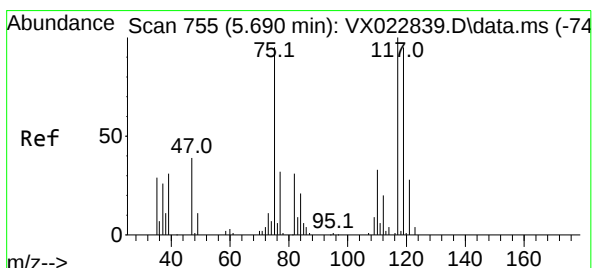
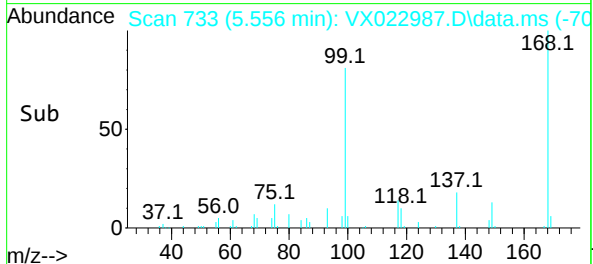
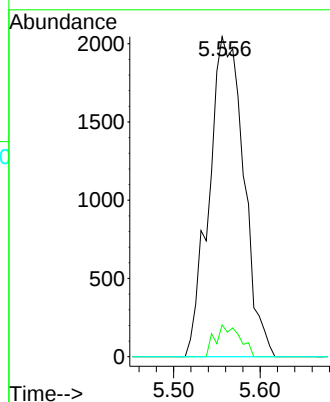
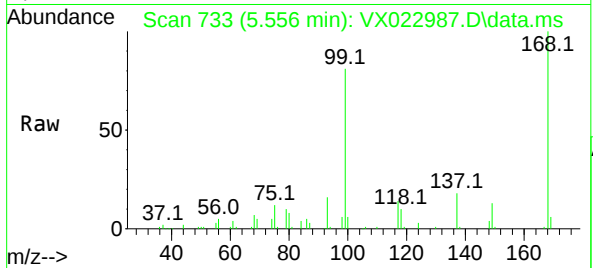




#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

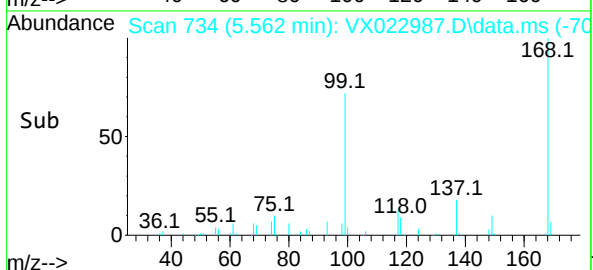
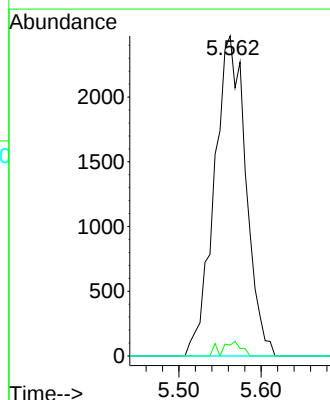
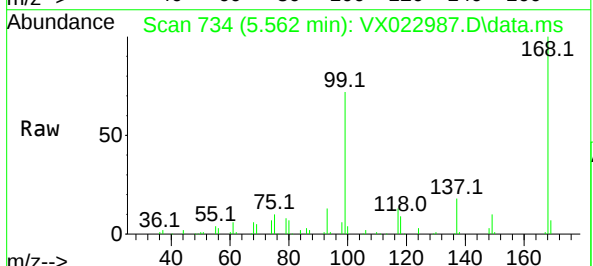
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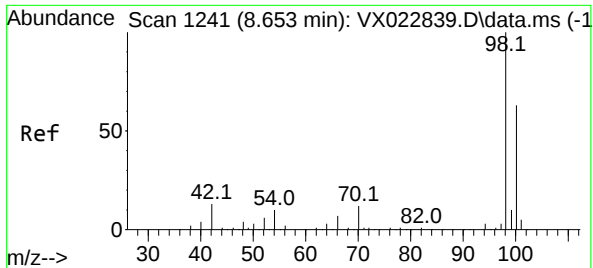
Tgt Ion: 75 Resp: 5686
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.721 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 117 Resp: 6572
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

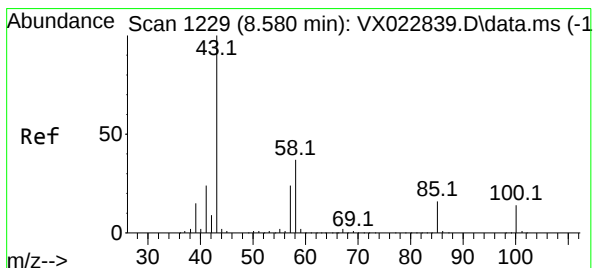
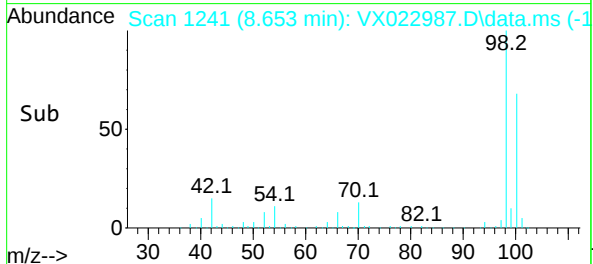
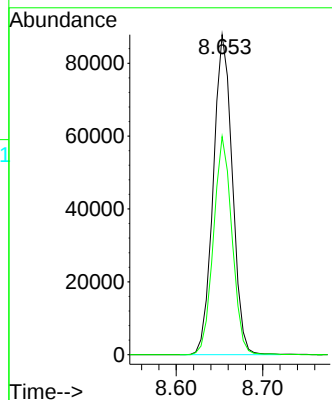
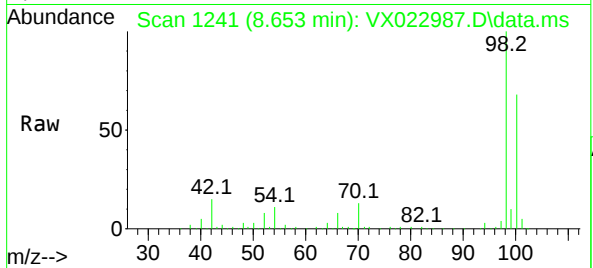




#50
Toluene-d8
Concen: 49.182 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

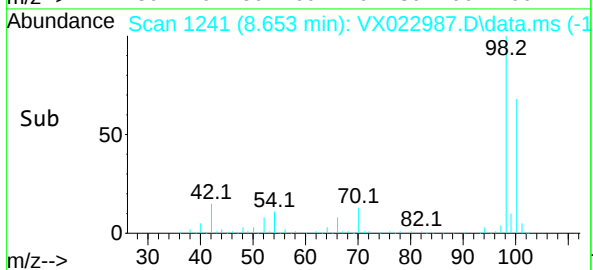
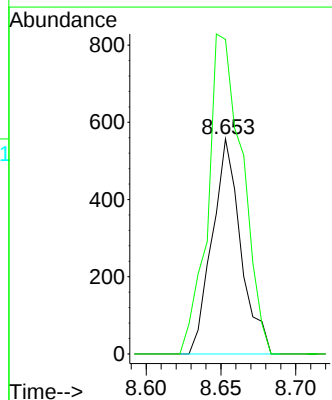
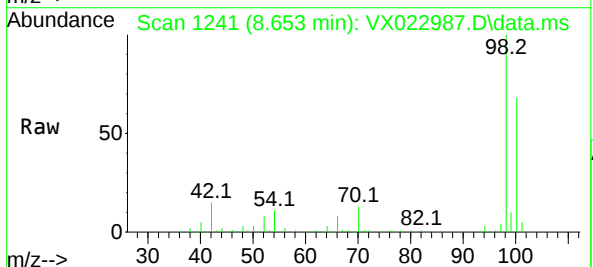
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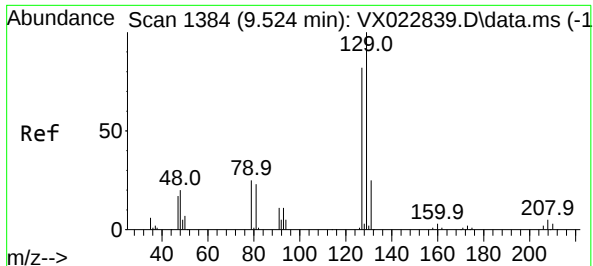
Tgt Ion: 98 Resp: 134357
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 43 Resp: 740
Ion Ratio Lower Upper
43 100
58 179.6 35.4 53.0#

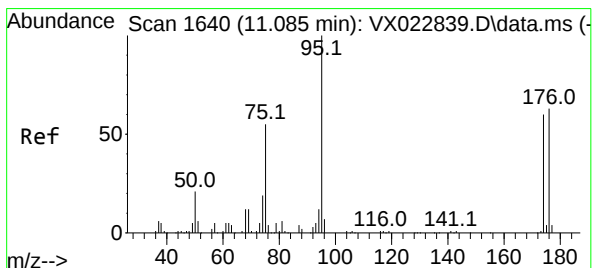
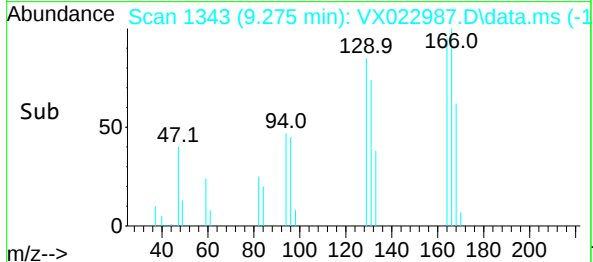
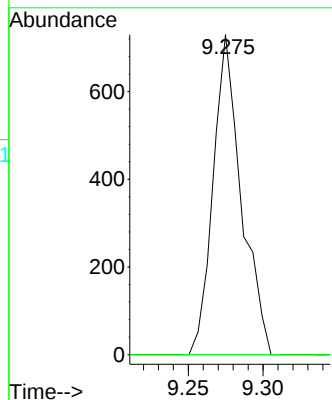
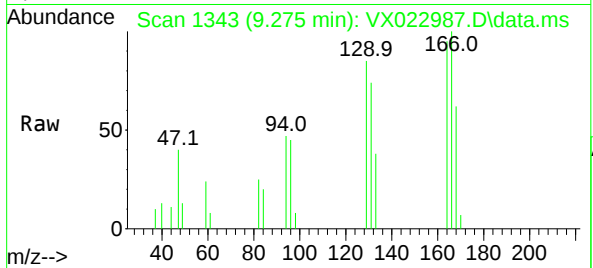




#60
Dibromochloromethane
Concen: 4.760 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

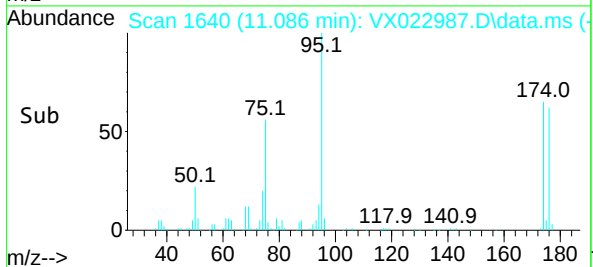
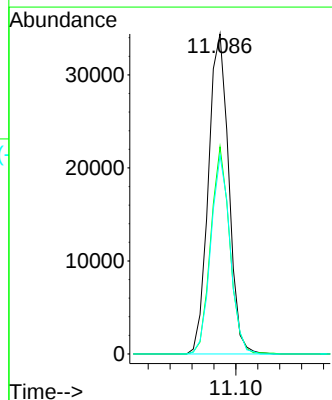
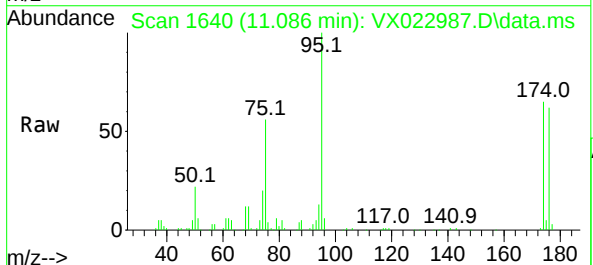
Instrument :
MSVOA_X
ClientSampleId :
MW-13D

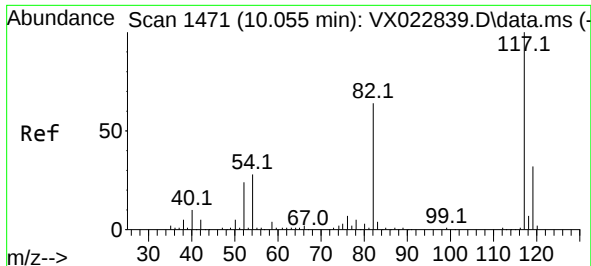
Tgt Ion:129 Resp: 956
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 43.356 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 95 Resp: 44203
Ion Ratio Lower Upper
95 100
174 60.6 0.0 154.6
176 59.0 0.0 155.8

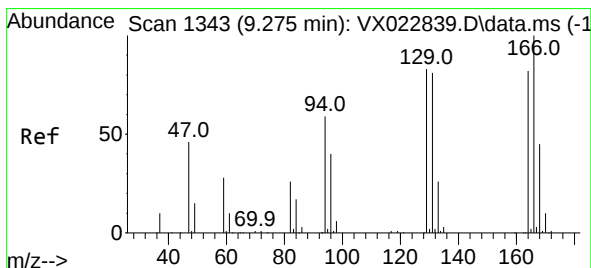
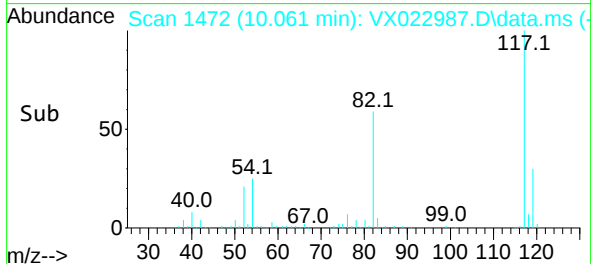
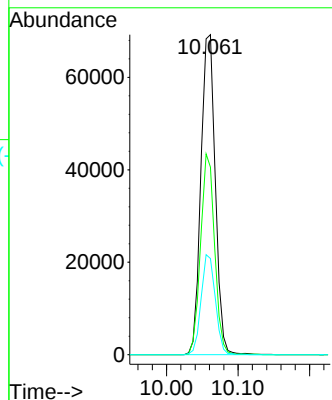
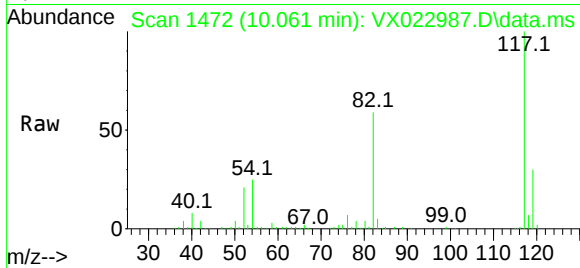




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

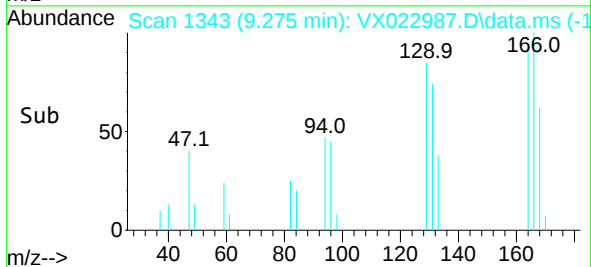
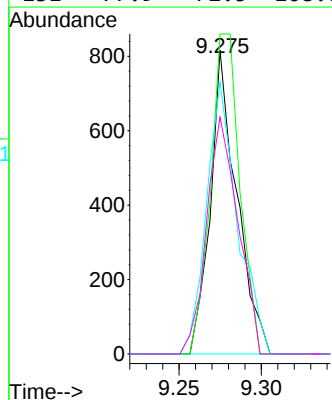
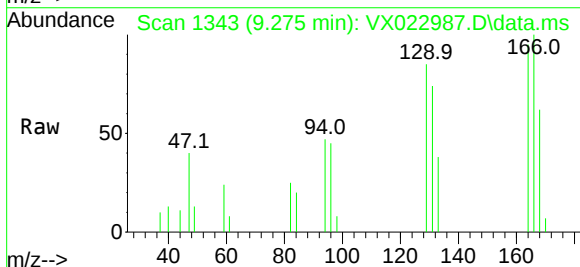
Instrument :
MSVOA_X
ClientSampled :
MW-13D

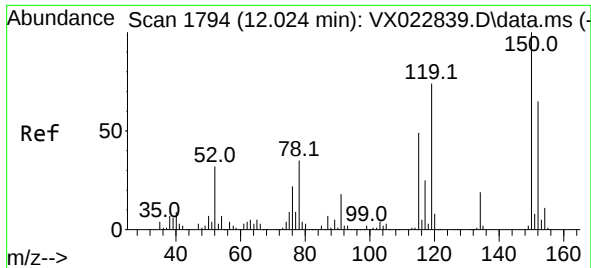
Tgt Ion:117 Resp: 96974
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 30.0 26.6 39.8



#64
Tetrachloroethene
Concen: 1.335 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion:164 Resp: 910
Ion Ratio Lower Upper
164 100
166 105.4 103.4 155.2
129 89.5 70.8 106.2
131 77.9 72.5 108.7

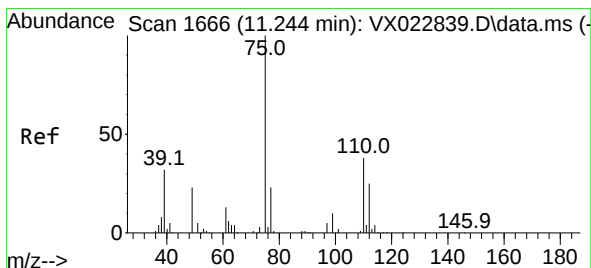
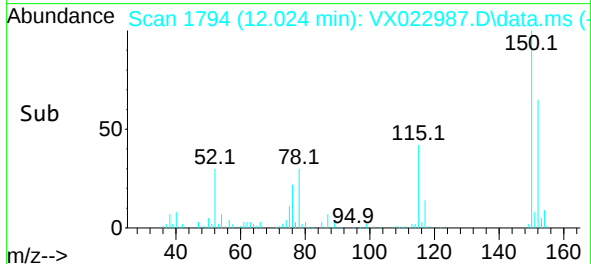
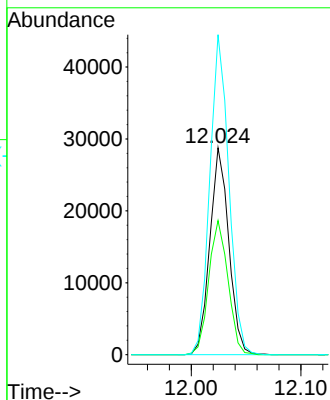
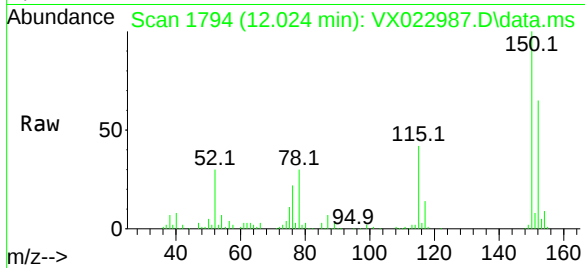




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022987.D
 Acq: 28 Jun 2021 18:34

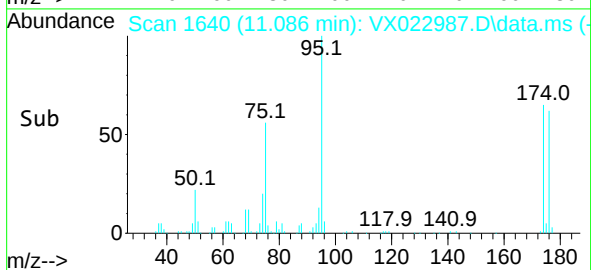
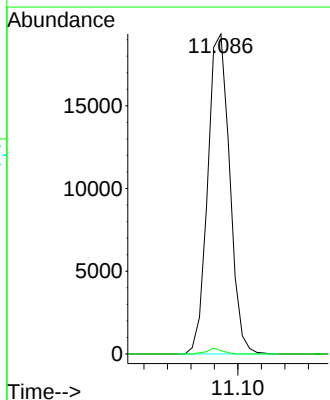
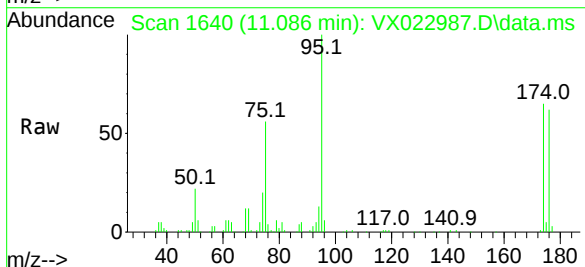
Instrument :
 MSVOA_X
 ClientSampled :
 MW-13D

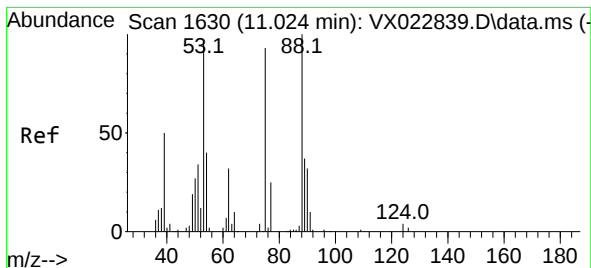
Tgt Ion:152 Resp: 34628
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 155.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.444 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022987.D
 Acq: 28 Jun 2021 18:34

Tgt Ion: 75 Resp: 25102
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

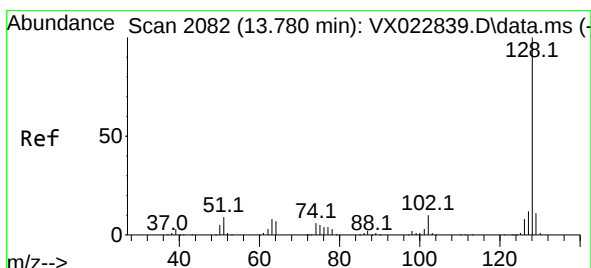
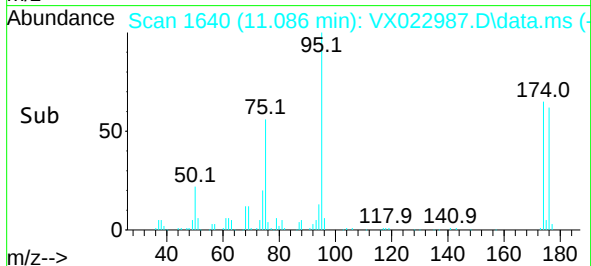
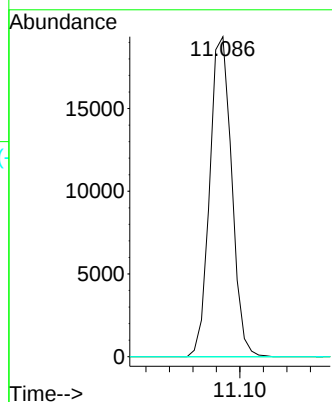
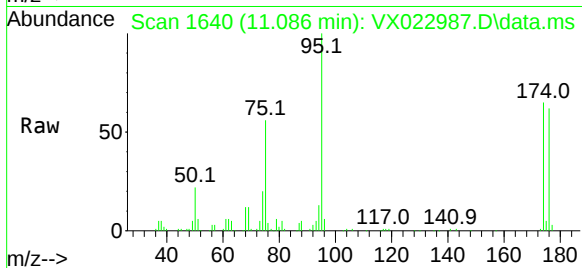




#81
trans-1,4-Dichloro-2-butene
Concen: 70.986 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-13D

Tgt Ion: 75 Resp: 25102
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.978 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022987.D
Acq: 28 Jun 2021 18:34

Tgt Ion: 128 Resp: 162
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

