

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022985.D
 Acq On : 28 Jun 2021 17:47
 Operator : JC/MD
 Sample : M2875-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Jun 29 03:07:32 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)

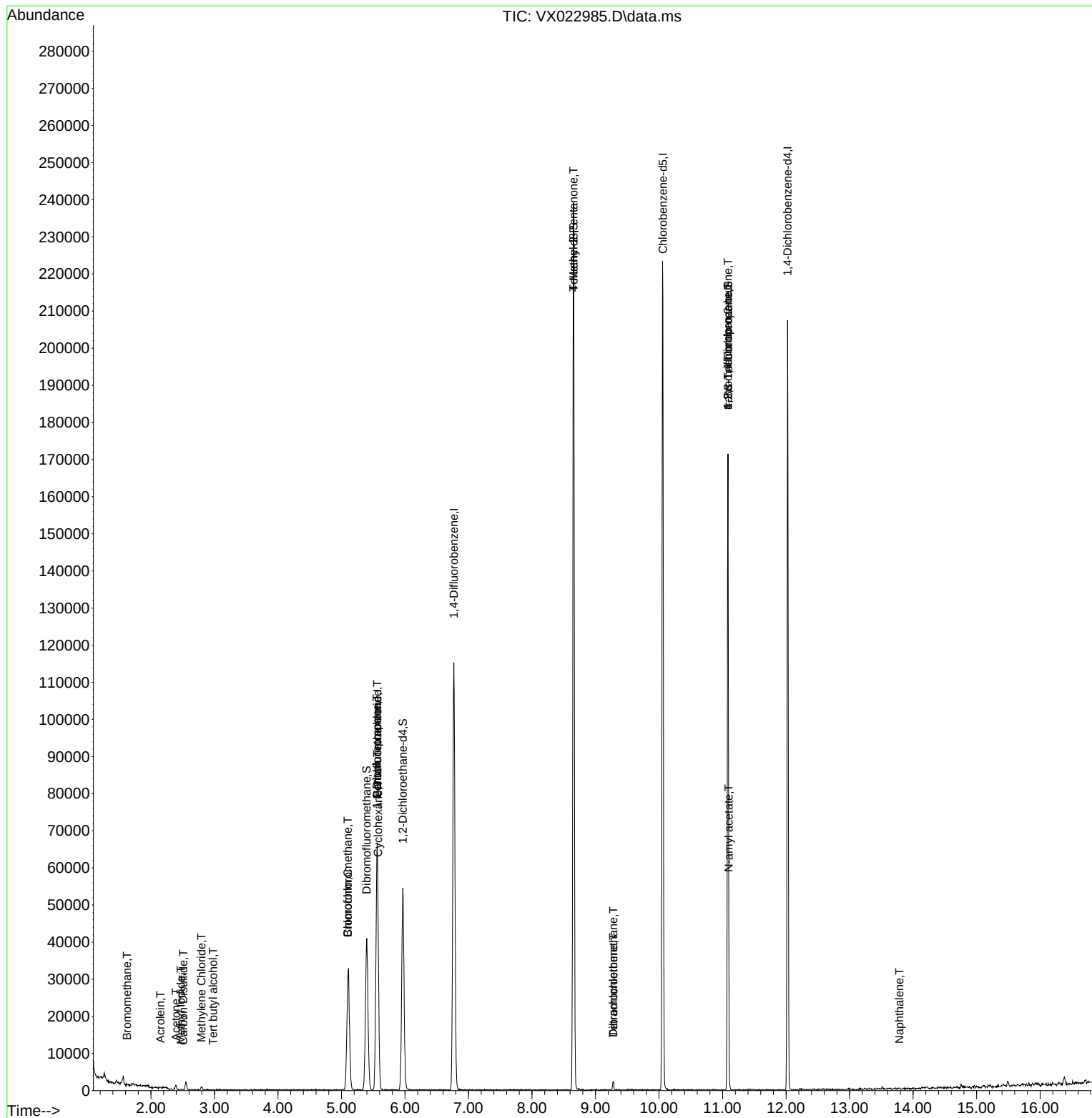
Internal Standards						
1) Pentafluorobenzene	5.562	168	53026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	95262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49285	51.215	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.440%			
35) Dibromofluoromethane	5.397	113	33550	48.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.880%			
50) Toluene-d8	8.653	98	133088	49.536	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.085	95	44338	44.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.440%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	90	0.216	ug/l #	2
10) Methyl Iodide	2.471	142	54	3.939	ug/l #	42
11) Tert butyl alcohol	2.977	59	55	0.274	ug/l #	73
13) Acrolein	2.148	56	27	0.216	ug/l #	14
16) Acetone	2.392	43	1309	3.068	ug/l #	72
17) Carbon Disulfide	2.508	76	26	3.529	ug/l #	75
20) Methylene Chloride	2.794	84	279	0.700	ug/l #	64
28) Bromochloromethane	5.099	49	3294	4.814	ug/l #	9
30) Chloroform	5.099	83	35373	24.213	ug/l	90
31) Cyclohexane	5.574	56	1663	1.224	ug/l #	62
36) 1,1-Dichloropropene	5.556	75	5595	4.880	ug/l #	45
38) Carbon Tetrachloride	5.562	117	6498	6.757	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	805	0.606	ug/l #	1
60) Dibromochloromethane	9.281	129	376	4.094	ug/l #	11
64) Tetrachloroethene	9.281	164	323	0.482	ug/l #	61
74) N-amyl acetate	11.098	43	33	2.073	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	24389	25.819	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	24389	67.168	ug/l #	12
95) Naphthalene	13.786	128	253	2.006	ug/l #	69

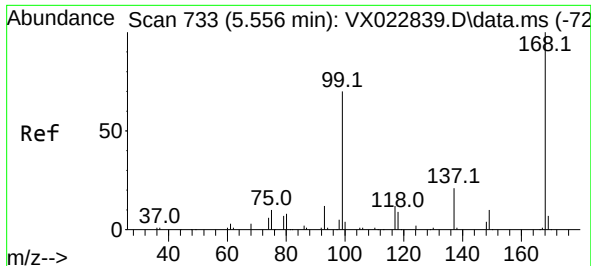
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-8

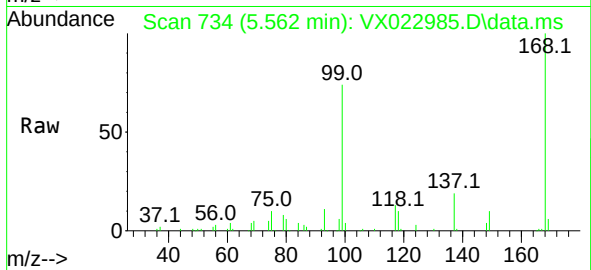
Quant Time: Jun 29 03:07:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



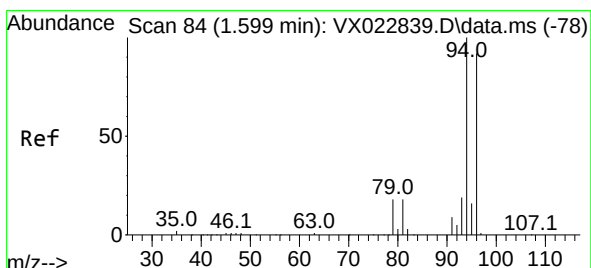
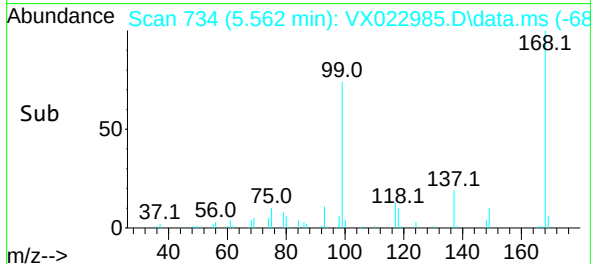
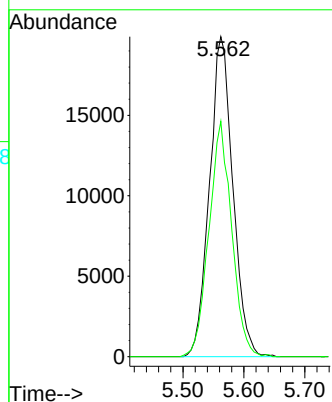


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Instrument :
MSVOA_X
ClientSampled :
MW-8

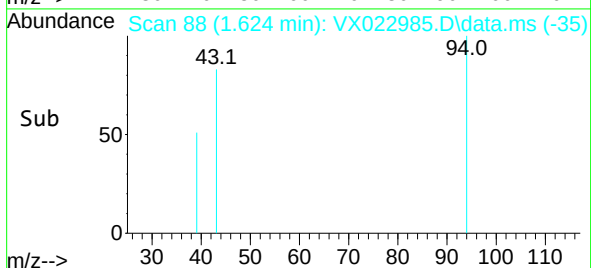
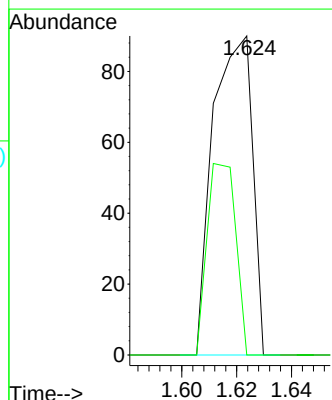
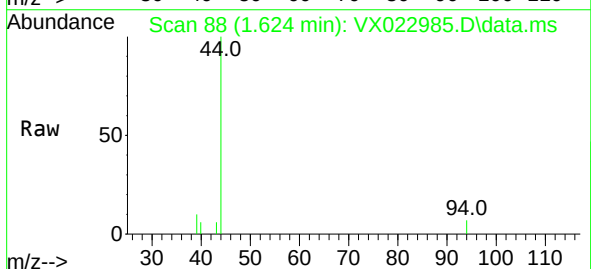


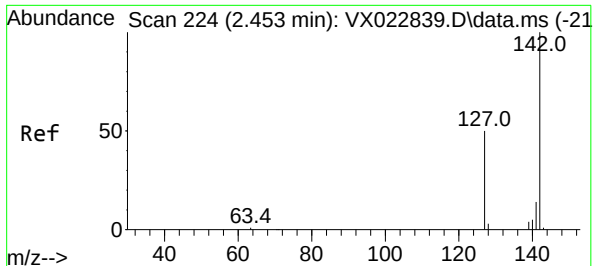
Tgt Ion:168 Resp: 53026
Ion Ratio Lower Upper
168 100
99 73.6 45.8 68.6#



#5
Bromomethane
Concen: 0.216 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

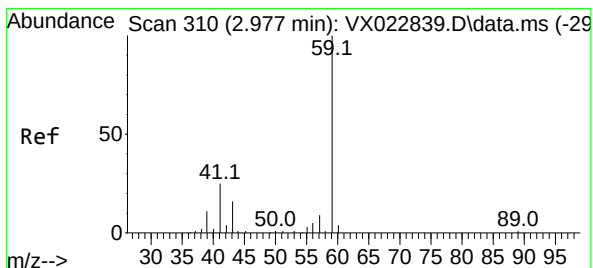
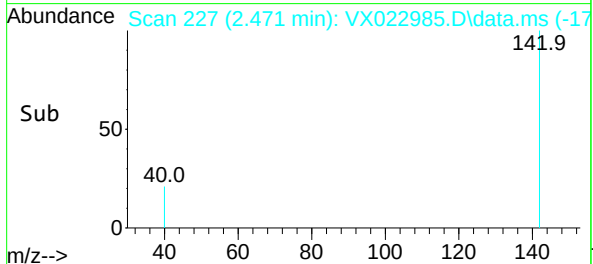
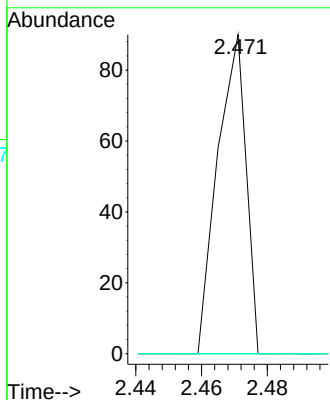
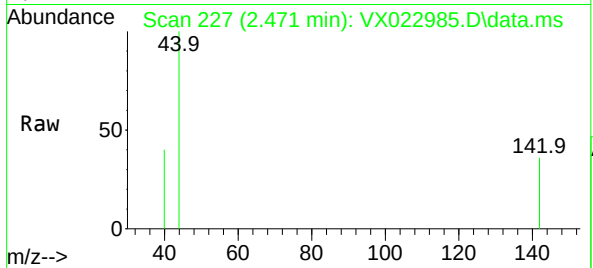




#10
Methyl Iodide
Concen: 3.939 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

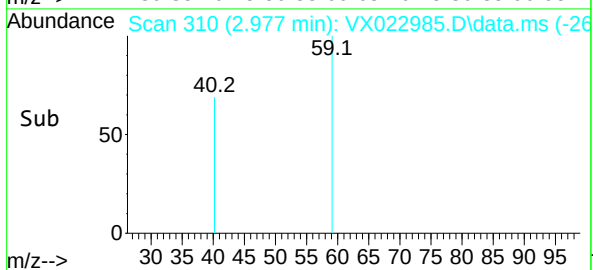
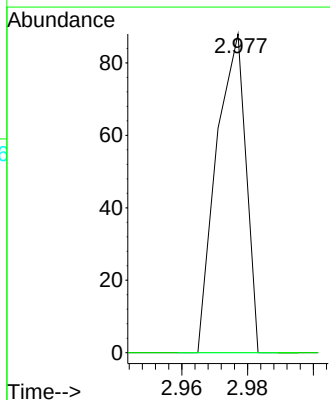
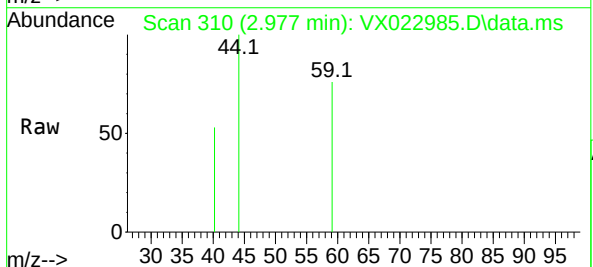
Instrument :
MSVOA_X
ClientSampled :
MW-8

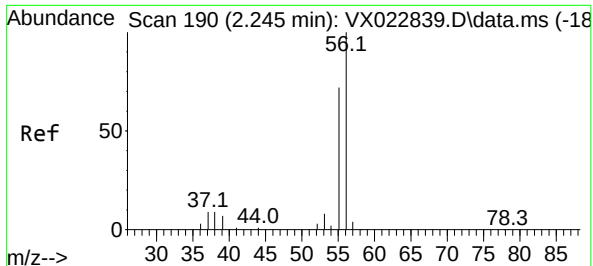
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.274 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

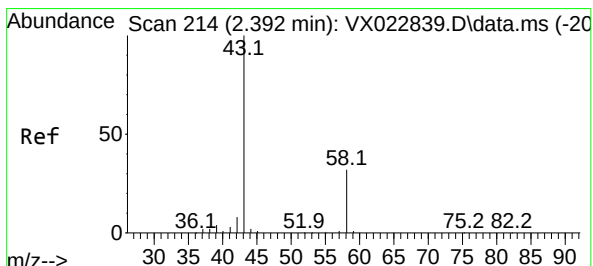
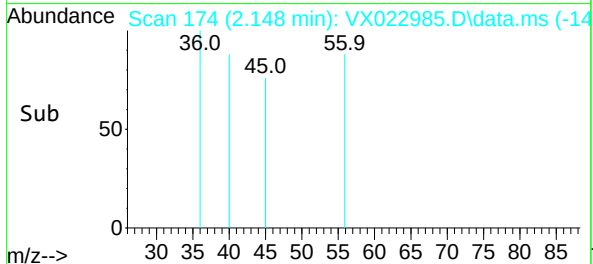
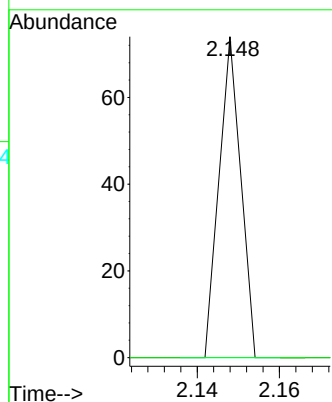
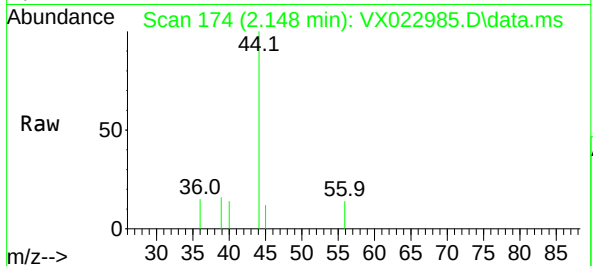




#13
Acrolein
Concen: 0.216 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.097 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

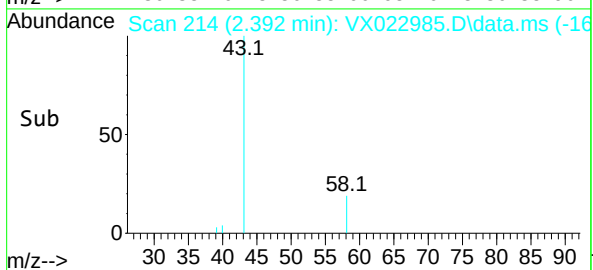
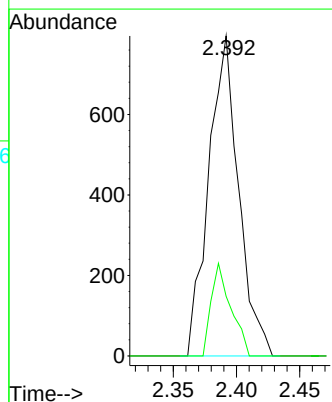
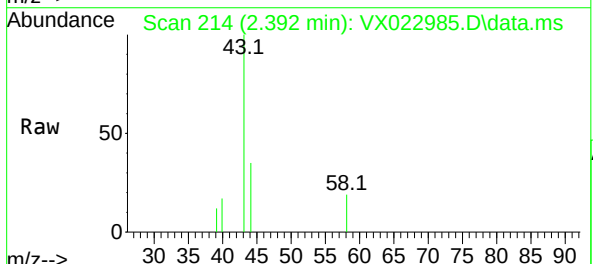
Instrument :
MSVOA_X
ClientSampled :
MW-8

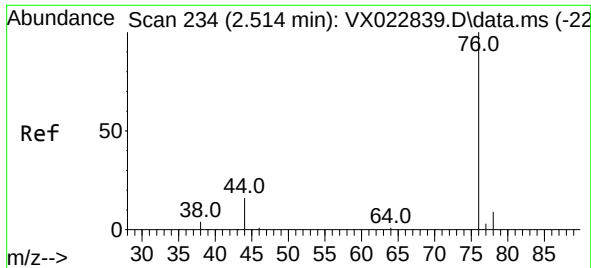
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.068 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 18.6 27.8 41.8#

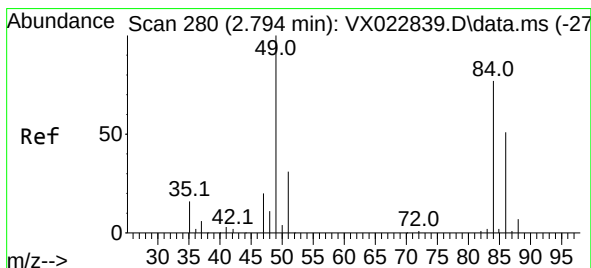
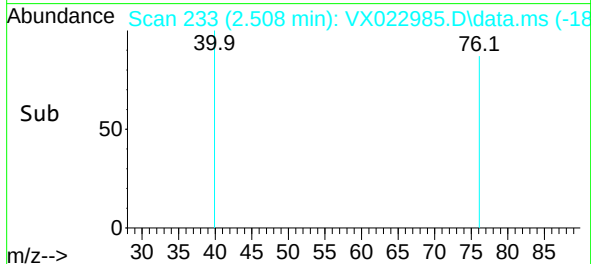
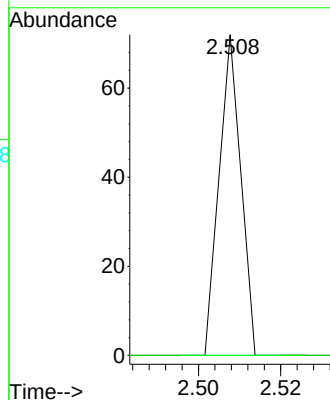
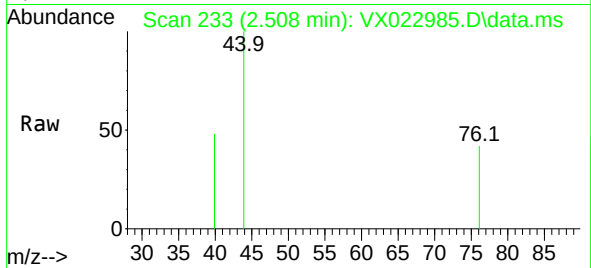




#17
Carbon Disulfide
Concen: 3.529 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

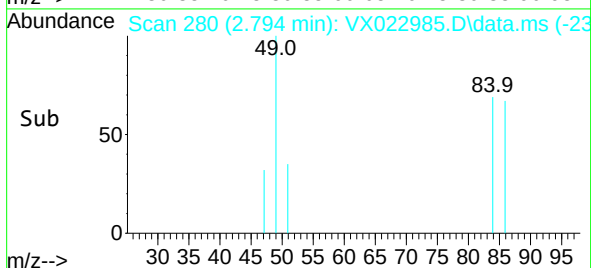
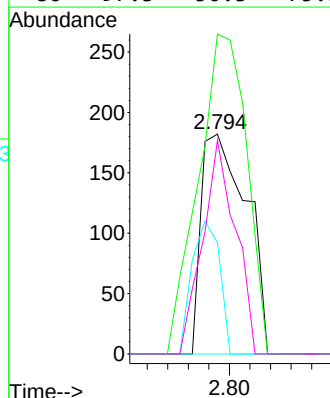
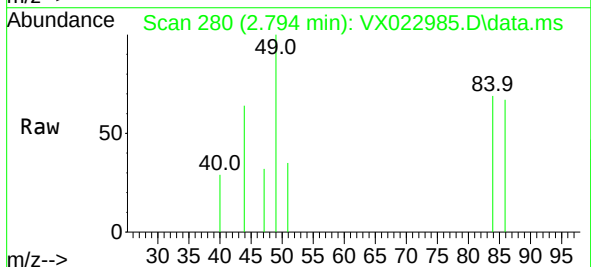
Instrument :
MSVOA_X
ClientSampleId :
MW-8

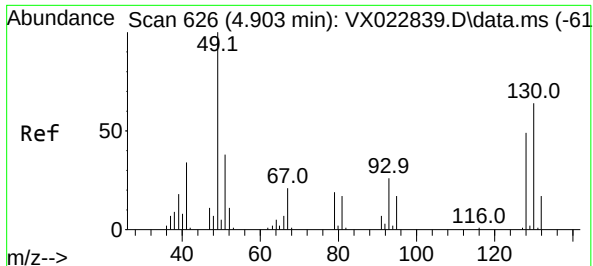
Tgt Ion: 76 Resp: 26
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.700 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 84 Resp: 279
Ion Ratio Lower Upper
84 100
49 145.6 88.6 132.8#
51 50.5 27.0 40.6#
86 97.3 50.3 75.5#

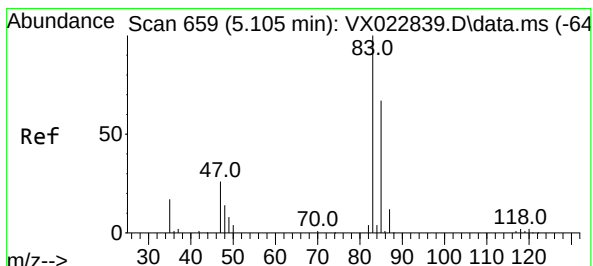
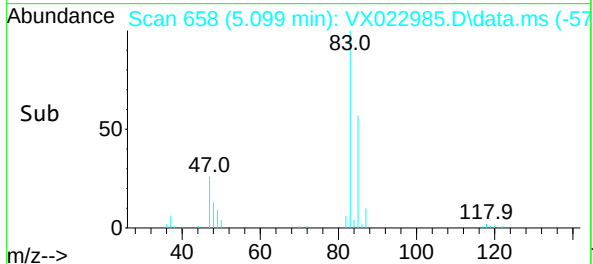
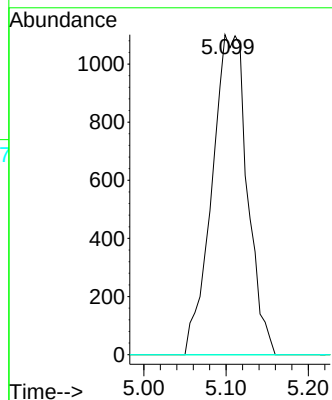
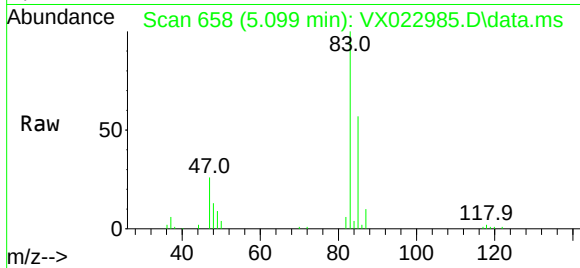




#28
Bromochloromethane
Concen: 4.814 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.196 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

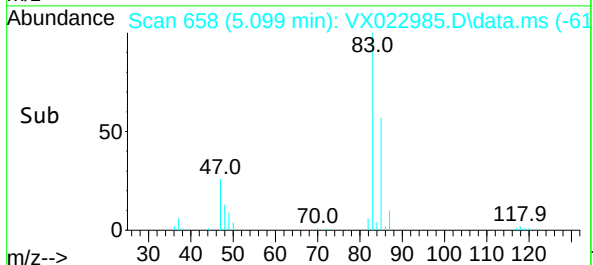
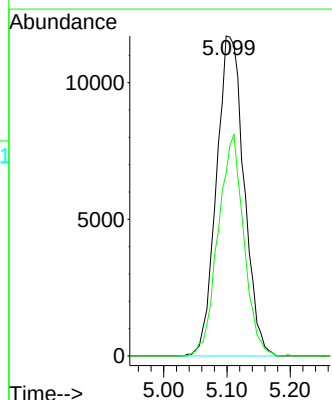
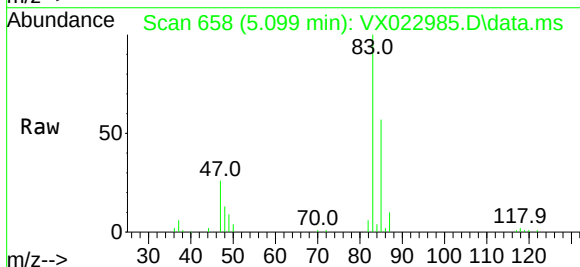
Instrument :
MSVOA_X
ClientSampleId :
MW-8

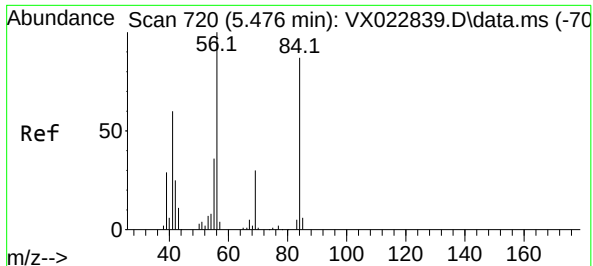
Tgt Ion: 49 Resp: 3294
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 24.213 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

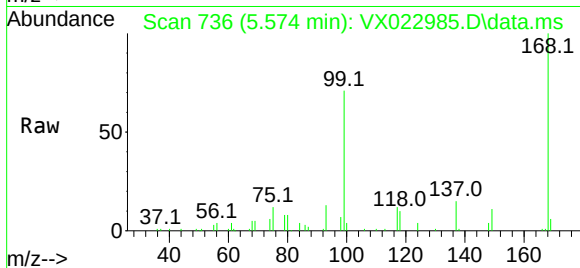
Tgt Ion: 83 Resp: 35373
Ion Ratio Lower Upper
83 100
85 57.0 52.0 78.0



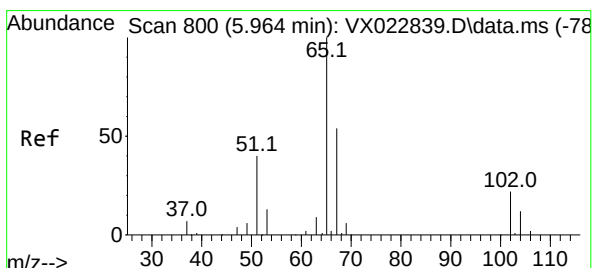
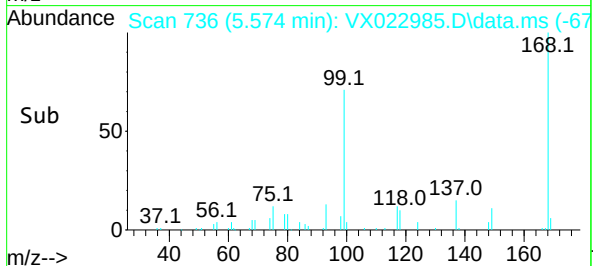
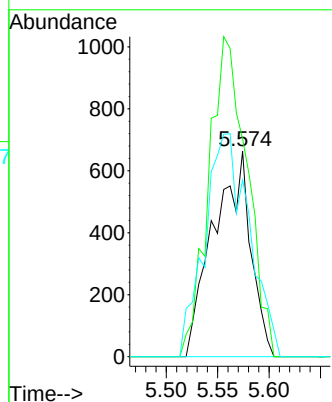


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.098 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8

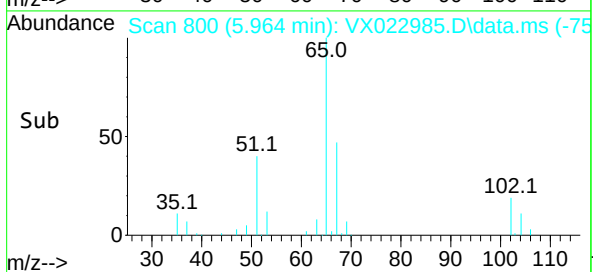
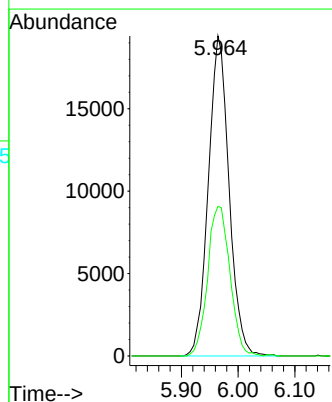
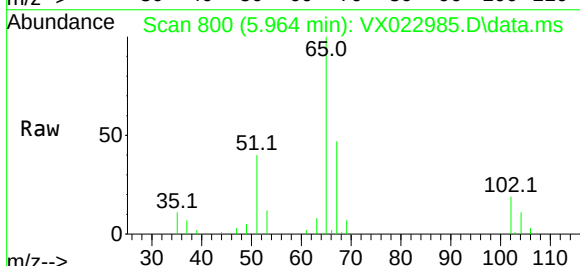


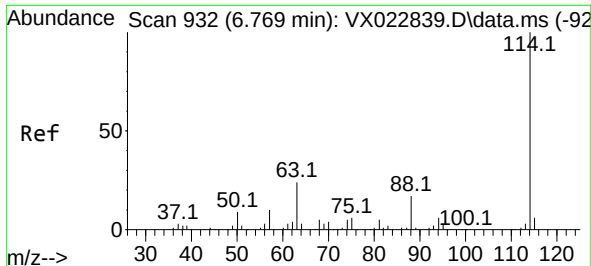
Tgt Ion: 56 Resp: 1663
Ion Ratio Lower Upper
56 100
69 106.0 25.3 37.9#
84 86.0 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.215 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 65 Resp: 49285
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

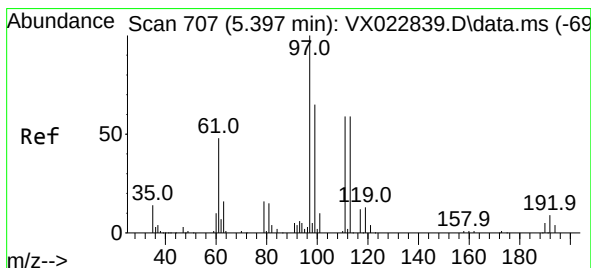
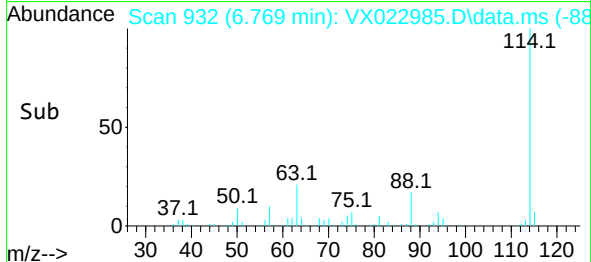
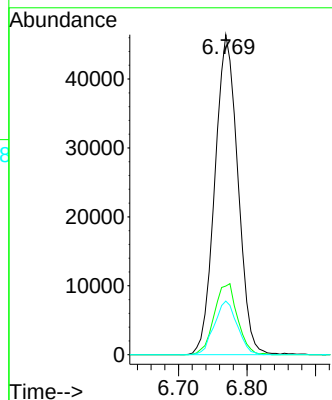
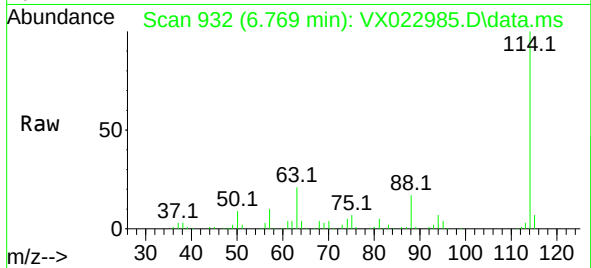




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

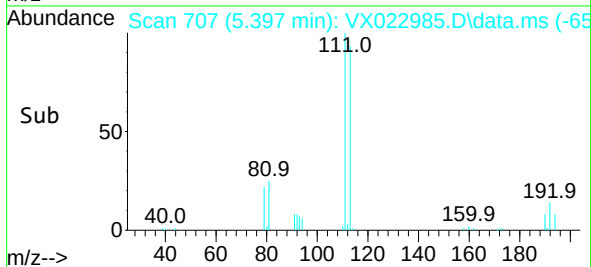
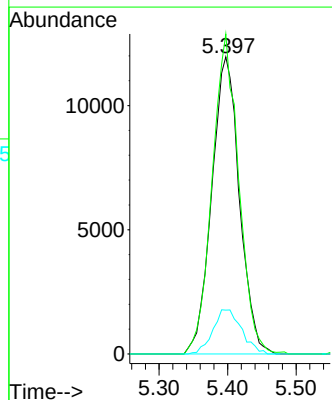
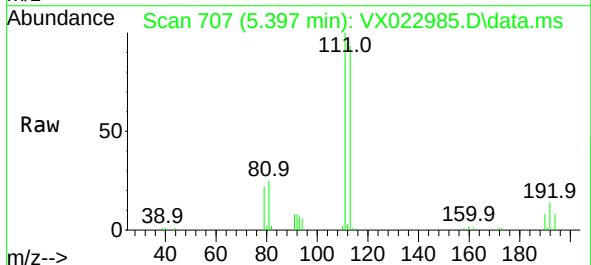
Instrument :
MSVOA_X
ClientSampled :
MW-8

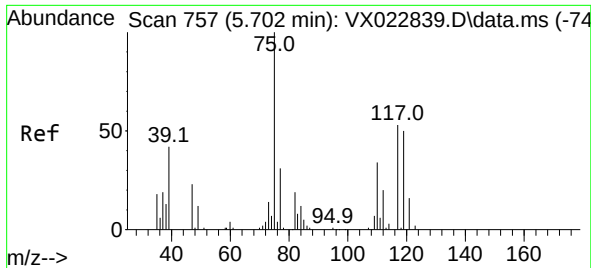
Tgt Ion:114 Resp: 107952
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.941 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion:113 Resp: 33550
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 15.5 16.7 25.1#

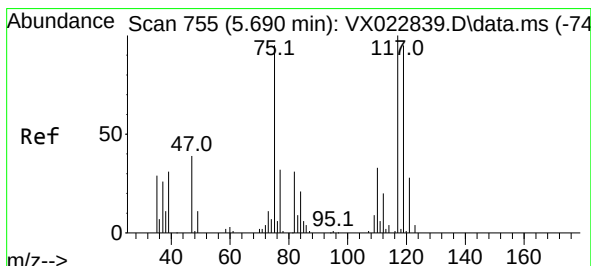
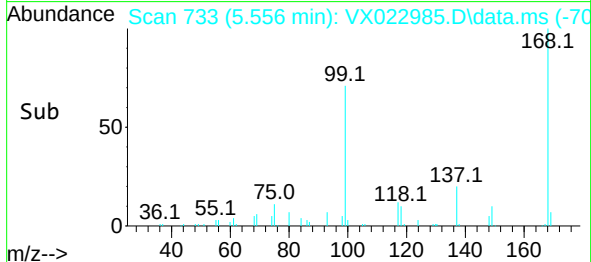
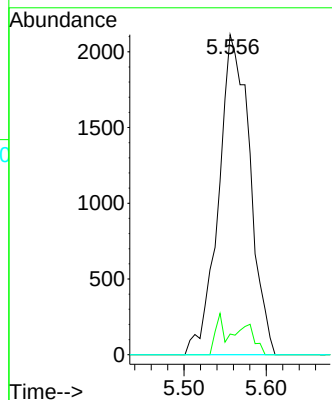
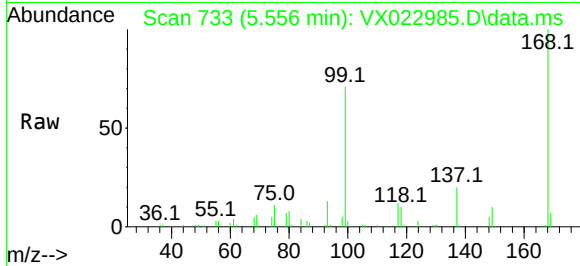




#36
1,1-Dichloropropene
Concen: 4.880 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

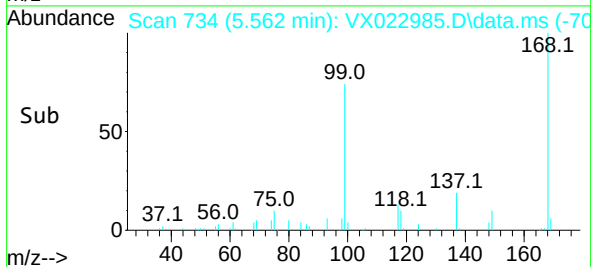
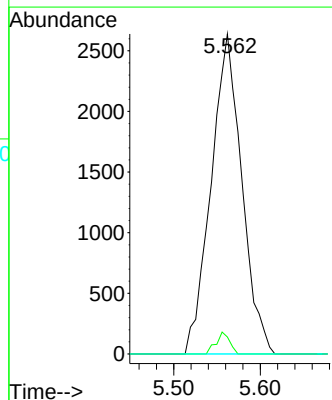
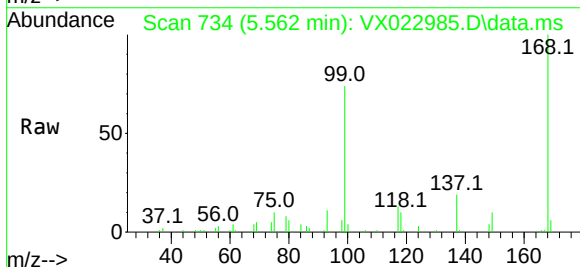
Instrument :
MSVOA_X
ClientSampled :
MW-8

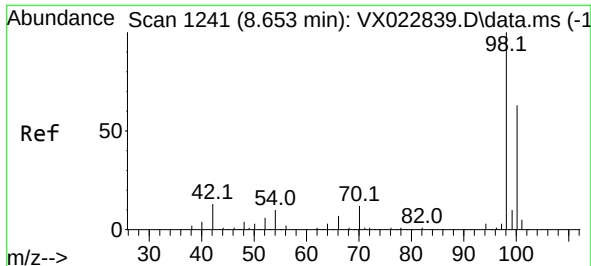
Tgt Ion: 75 Resp: 5595
Ion Ratio Lower Upper
75 100
110 5.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 117 Resp: 6498
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

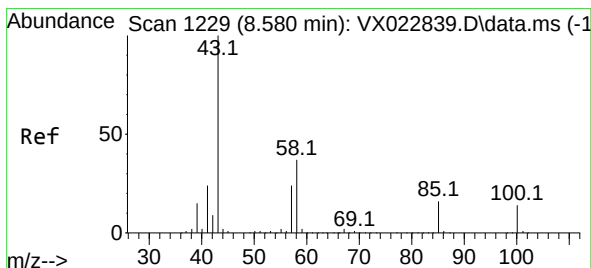
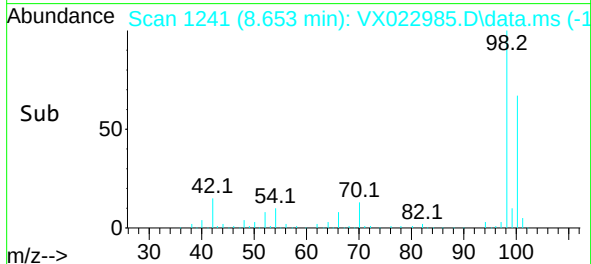
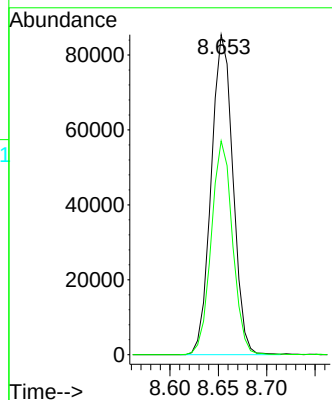
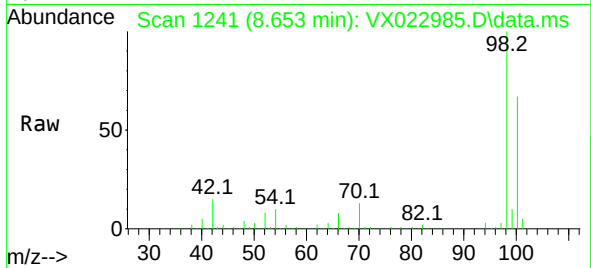




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

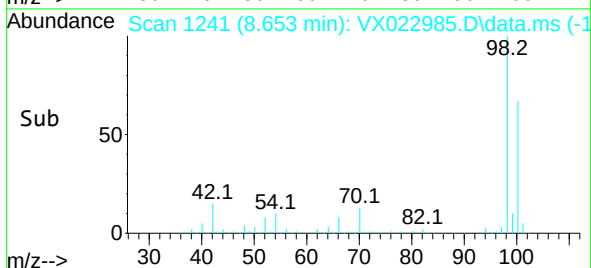
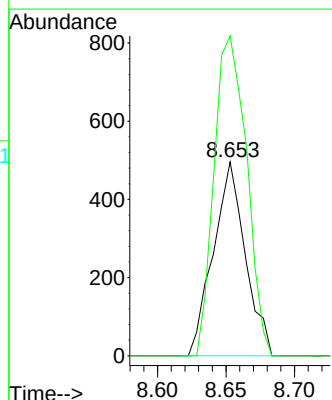
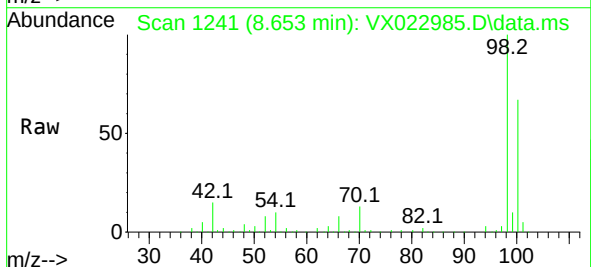
Instrument :
MSVOA_X
ClientSampled :
MW-8

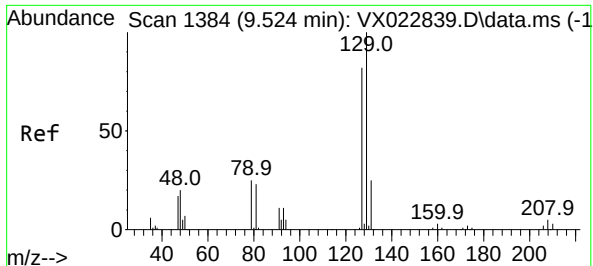
Tgt Ion: 98 Resp: 133088
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.606 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
58 167.7 35.4 53.0#

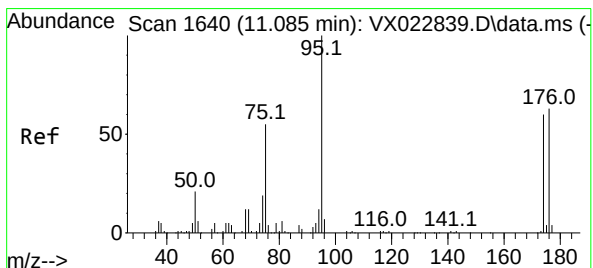
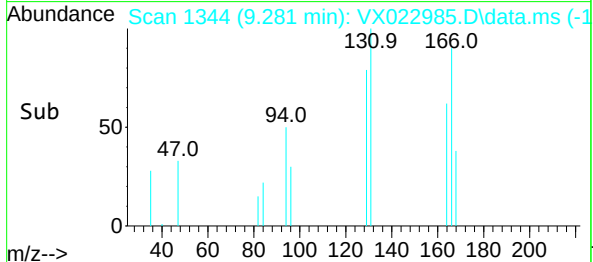
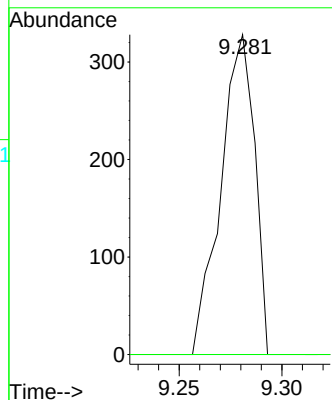
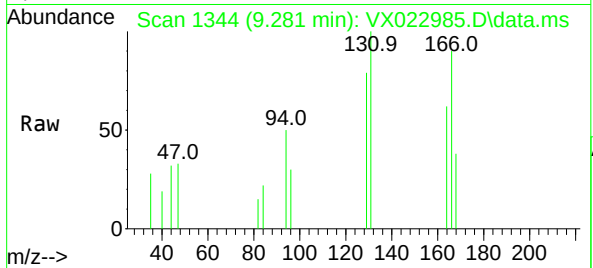




#60
Dibromochloromethane
Concen: 4.094 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

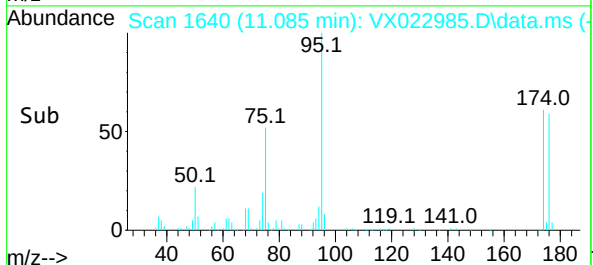
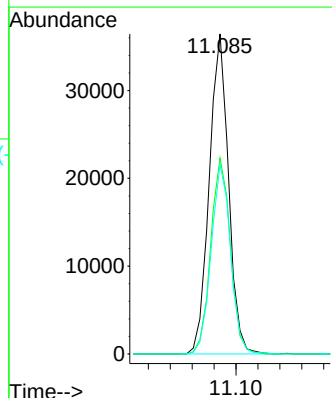
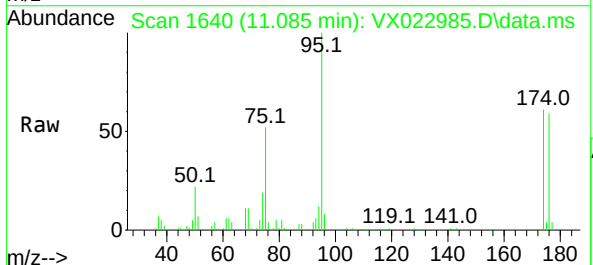
Instrument :
MSVOA_X
ClientSampled :
MW-8

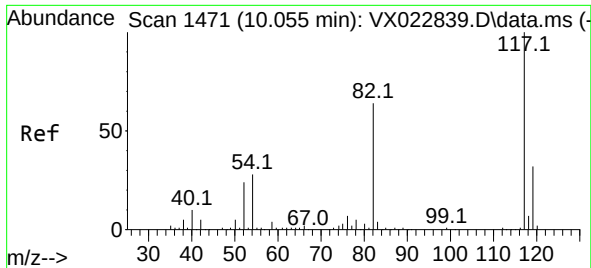
Tgt Ion:129 Resp: 376
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.219 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 95 Resp: 44338
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.6 0.0 155.8

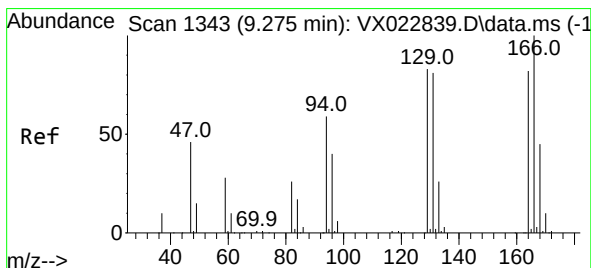
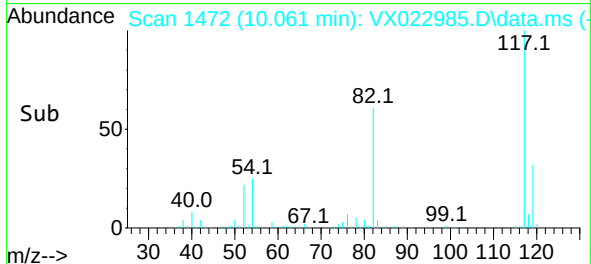
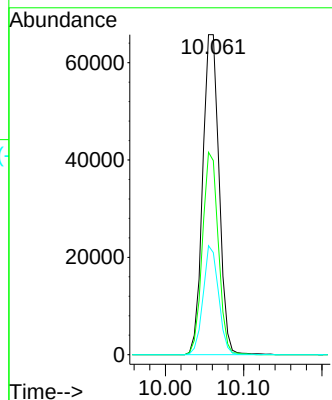
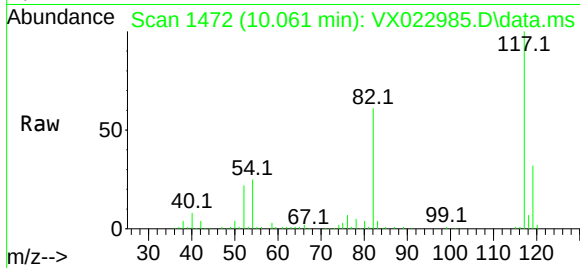




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

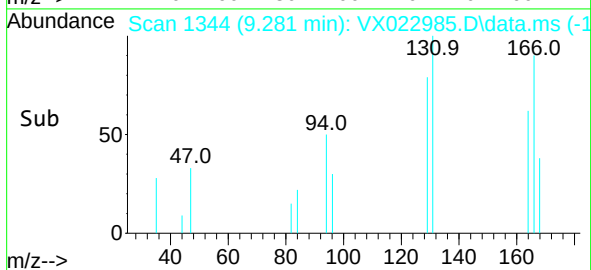
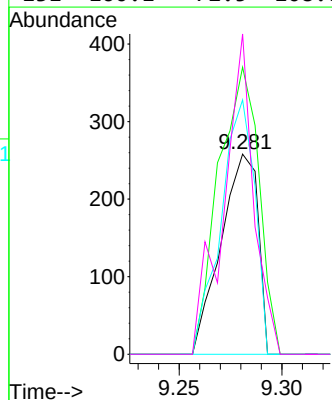
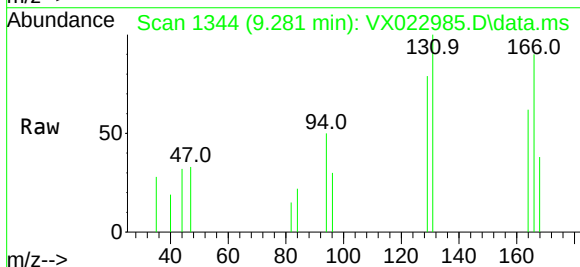
Instrument :
MSVOA_X
ClientSampleId :
MW-8

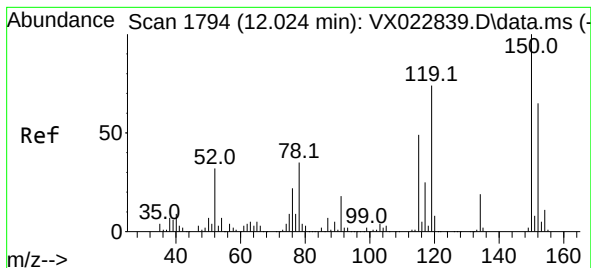
Tgt Ion:117 Resp: 95262
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 0.482 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion:164 Resp: 323
Ion Ratio Lower Upper
164 100
166 143.4 103.4 155.2
129 127.1 70.8 106.2#
131 160.1 72.5 108.7#

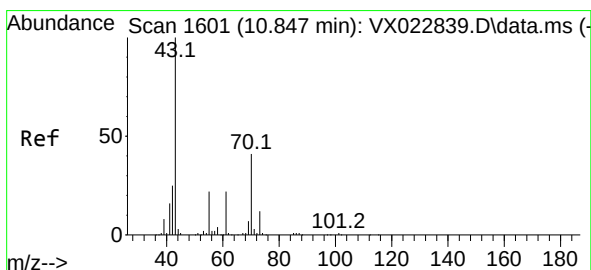
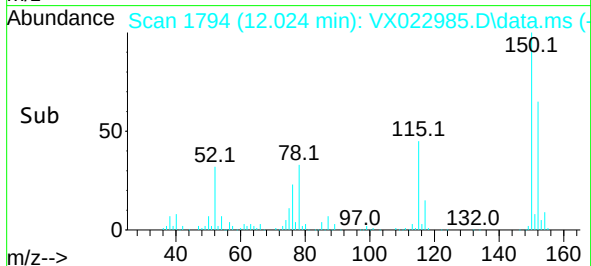
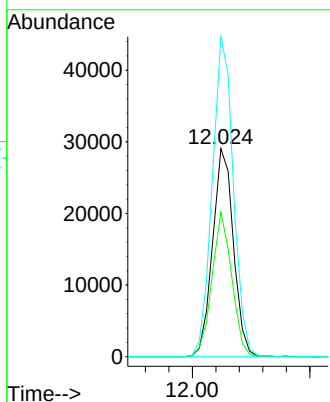
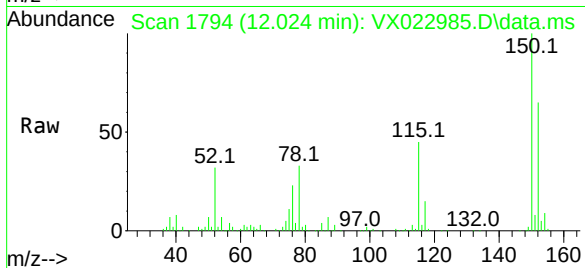




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

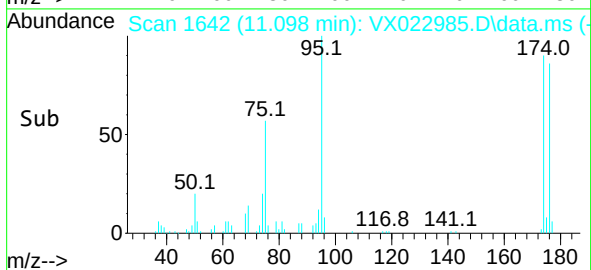
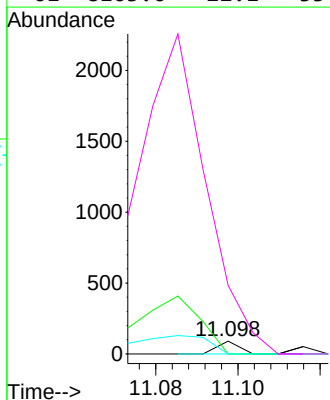
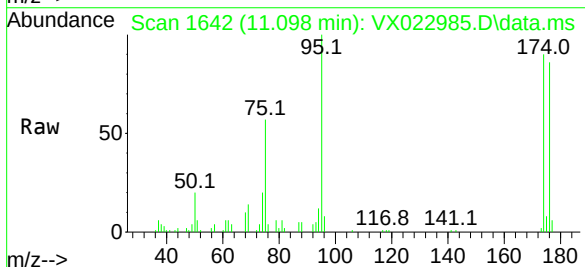
Instrument :
MSVOA_X
ClientSampled :
MW-8

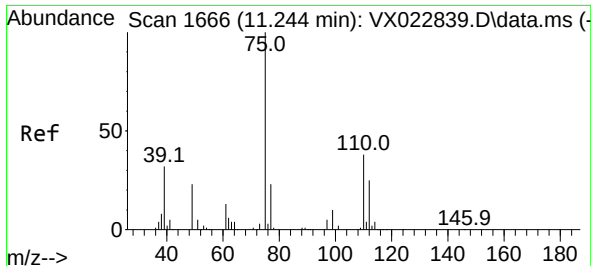
Tgt Ion:152 Resp: 35762
Ion Ratio Lower Upper
152 100
115 66.2 41.1 123.3
150 155.5 0.0 349.0



#74
N-ethyl acetate
Concen: 2.073 ug/l
RT: 11.098 min Scan# 1642
Delta R.T. 0.251 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
70 1312.1 39.0 58.6#
55 475.8 21.5 32.3#
61 8163.6 22.1 33.1#

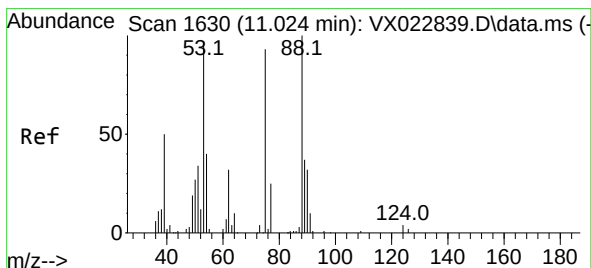
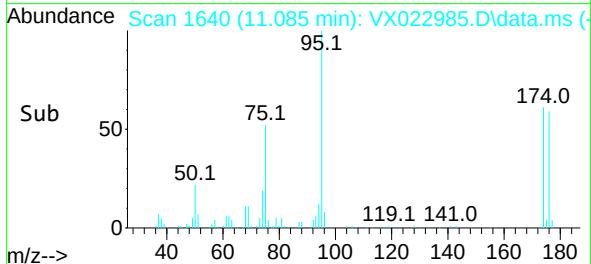
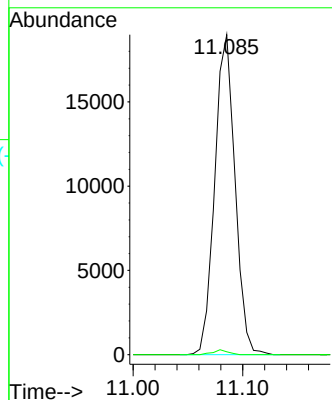
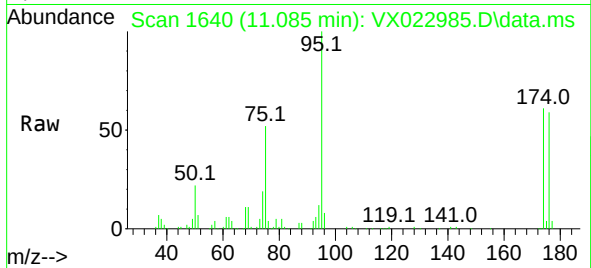




#76
1,2,3-Trichloropropane
Concen: 25.819 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

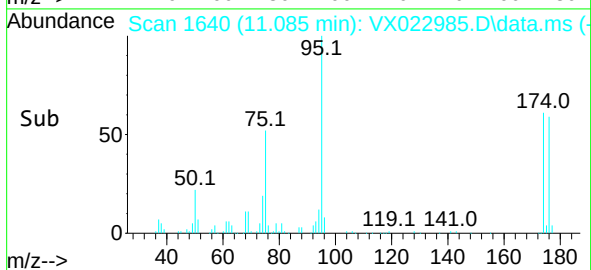
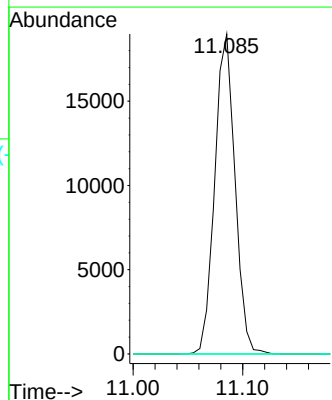
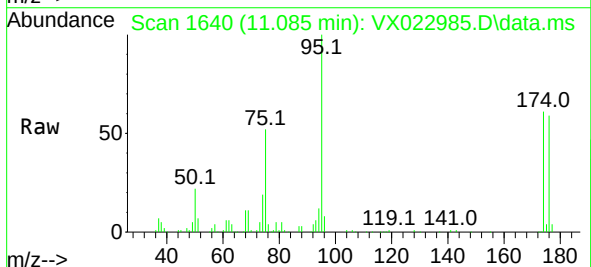
Instrument :
MSVOA_X
ClientSampled :
MW-8

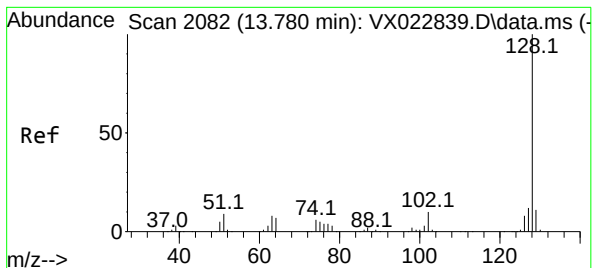
Tgt Ion: 75 Resp: 24389
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.168 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

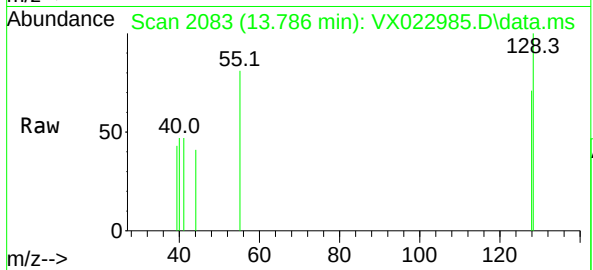
Tgt Ion: 75 Resp: 24389
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.006 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022985.D
Acq: 28 Jun 2021 17:47

Instrument :
MSVOA_X
ClientSampleId :
MW-8



Tgt Ion:128 Resp: 253
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

