

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022740.D
 Acq On : 17 Jun 2021 15:04
 Operator : JC/MD
 Sample : M2750-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178D-20210616

Quant Time: Jun 18 01:17:25 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)

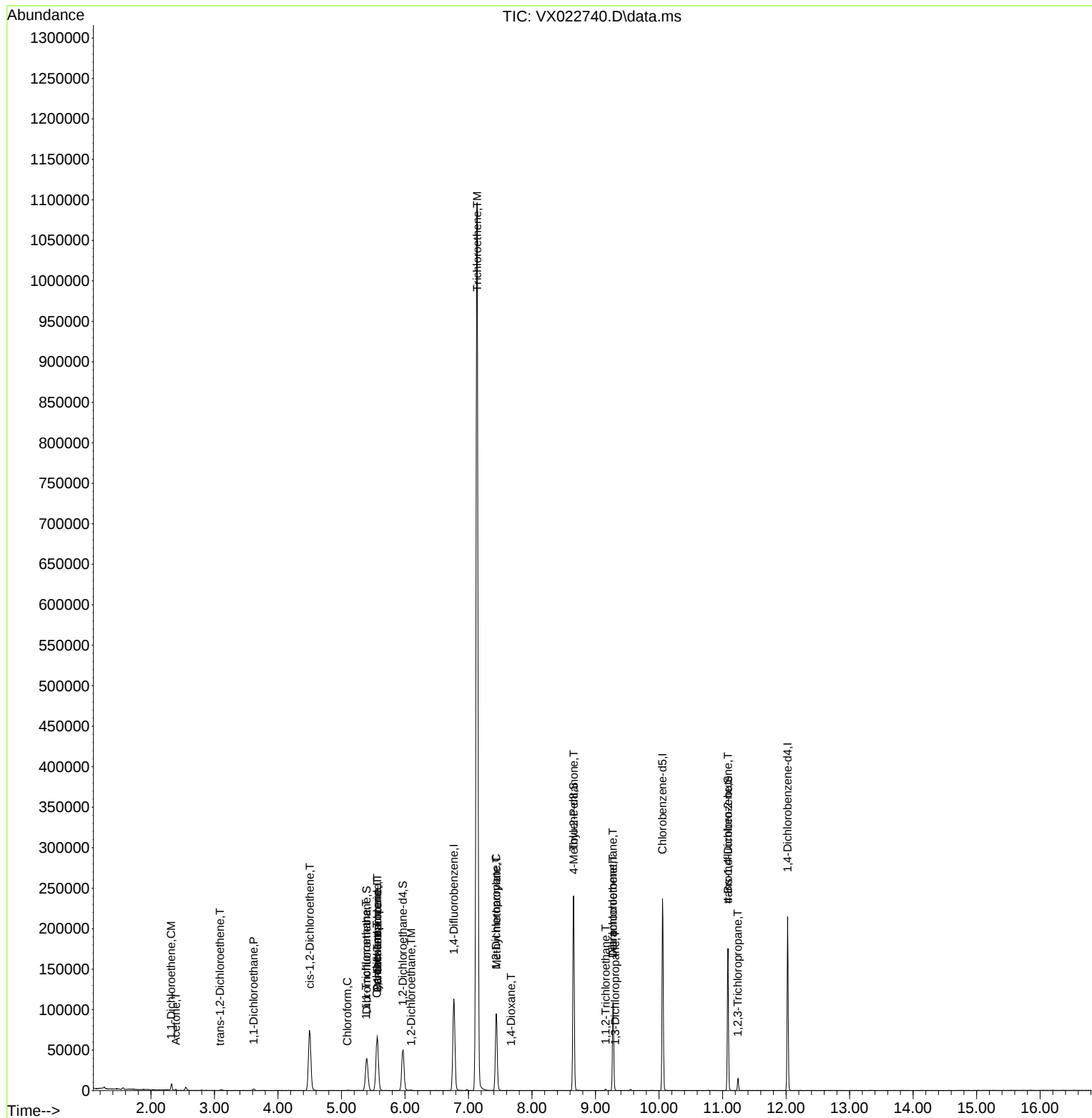
Internal Standards						
1) Pentafluorobenzene	5.562	168	55451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	108211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47226	47.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.72%		
35) Dibromofluoromethane	5.397	113	33431	48.42	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.84%		
50) Toluene-d8	8.653	98	134608	49.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.92%		
62) 4-Bromofluorobenzene	11.085	95	45945	44.64	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.28%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2330	3.46	ug/l	90
16) Acetone	2.392	43	1309	2.93	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	350	0.47	ug/l #	60
24) 1,1-Dichloroethane	3.617	63	2288	1.53	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	44970	49.48	ug/l	93
30) Chloroform	5.093	83	452	0.30	ug/l #	73
31) Cyclohexane	5.556	56	1572	1.31	ug/l #	16
32) 1,1,1-Trichloroethane	5.385	97	231	1.09	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	5609	5.20	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6474	7.02	ug/l #	15
42) 1,2-Dichloroethane	6.098	62	754	0.64	ug/l #	73
44) Trichloroethene	7.135	130	370496	492.02	ug/l	92
45) 1,2-Dichloropropane	7.434	63	37665	43.52	ug/l	95
48) Methyl methacrylate	7.440	41	21017	20.23	ug/l #	24
49) 1,4-Dioxane	7.671	88	25	1.26	ug/l #	1
51) 4-Methyl-2-Pentanone	8.659	43	659	0.48	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	502	0.61	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	290	0.20	ug/l #	77
60) Dibromochloromethane	9.275	129	18150	24.36	ug/l #	11
64) Tetrachloroethene	9.275	164	17549	28.51	ug/l	94
76) 1,2,3-Trichloropropane	11.238	75	4344	4.45	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	24930	64.17	ug/l #	12

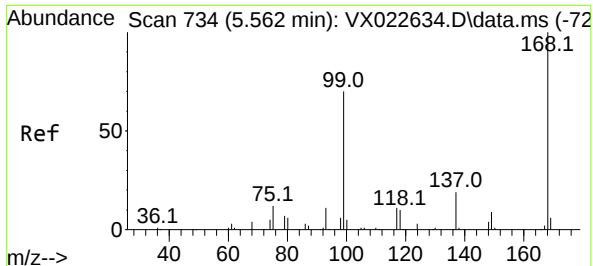
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
Data File : VX022740.D
Acq On : 17 Jun 2021 15:04
Operator : JC/MD
Sample : M2750-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

Quant Time: Jun 18 01:17:25 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

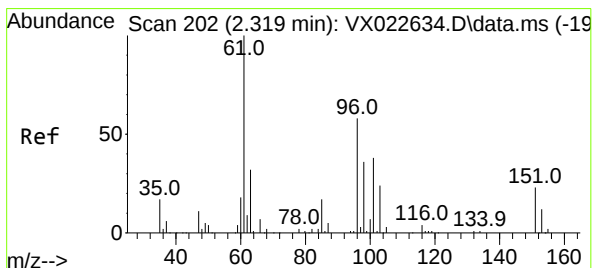
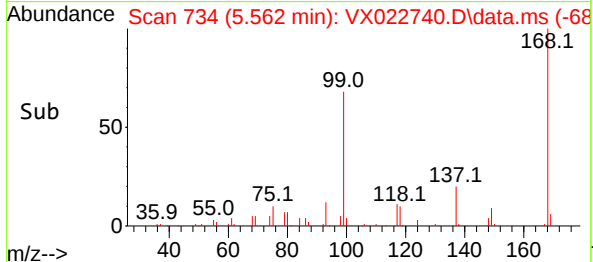
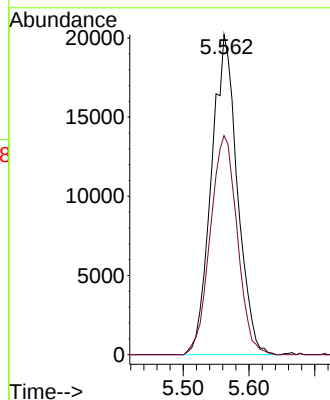
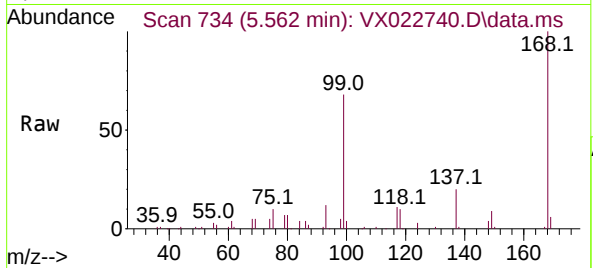




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

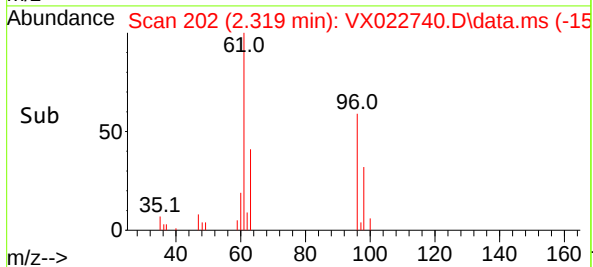
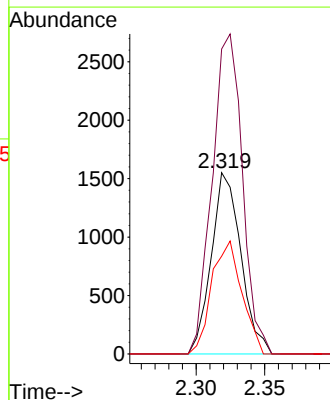
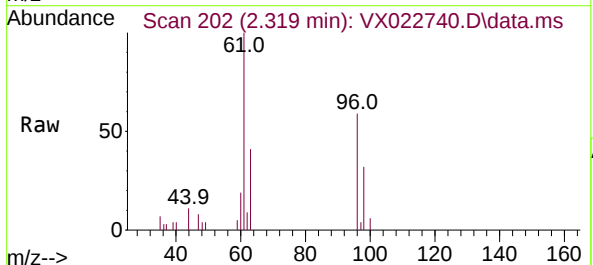
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

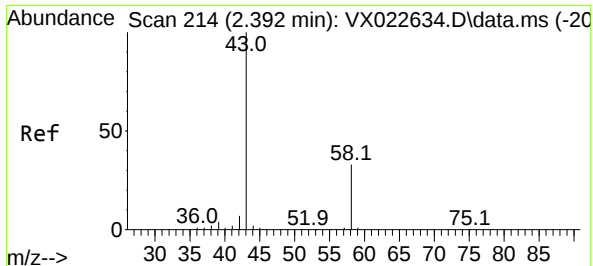
Tgt Ion:168 Resp: 55451
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#12
1,1-Dichloroethene
Concen: 3.46 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 96 Resp: 2330
Ion Ratio Lower Upper
96 100
61 168.2 124.6 187.0
98 53.9 50.6 76.0

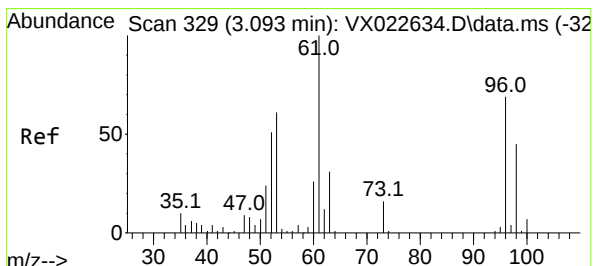
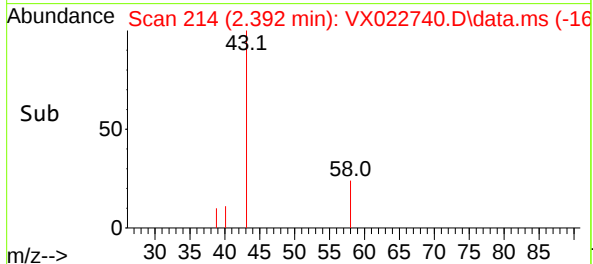
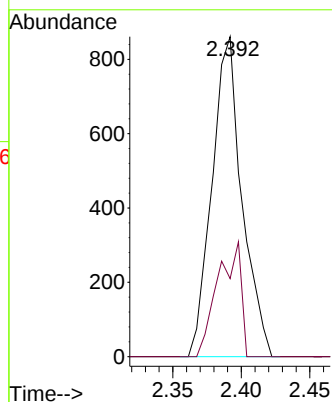
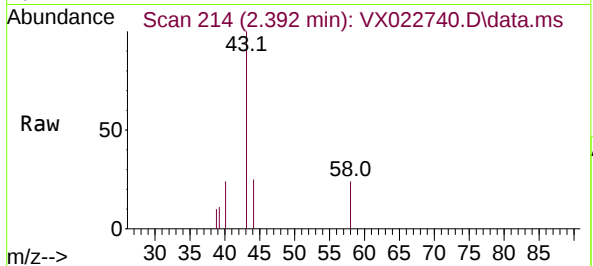




#16
Acetone
Concen: 2.93 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

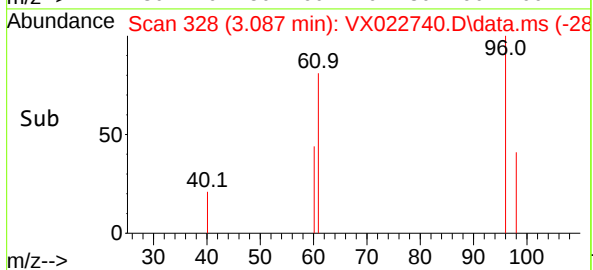
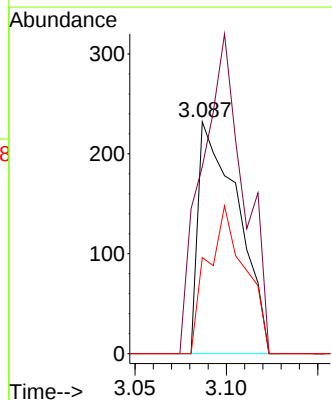
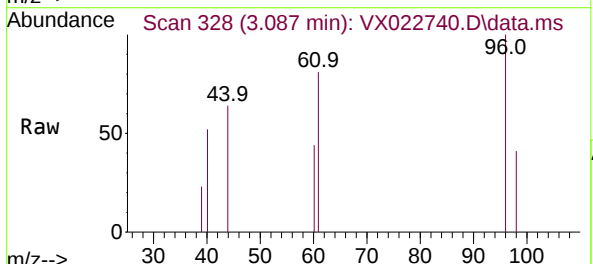
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

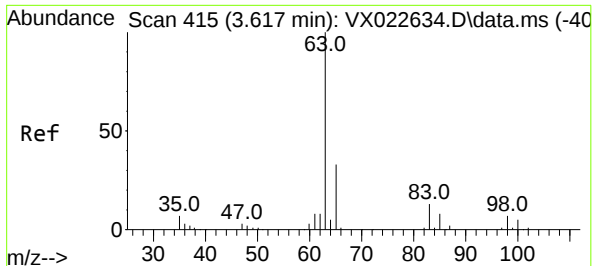
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 24.4 27.8 41.8#



#21
trans-1,2-Dichloroethene
Concen: 0.47 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 80.6 107.7 161.5#
98 41.4 50.4 75.6#

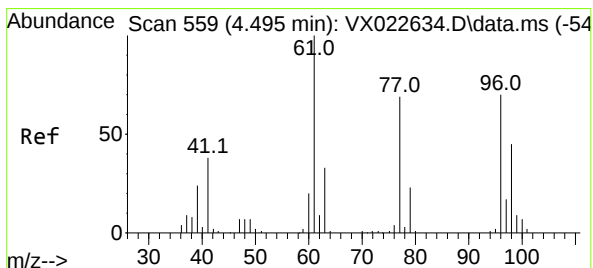
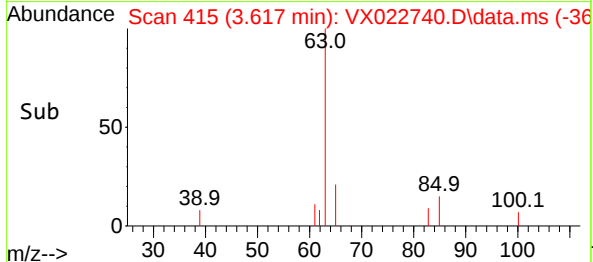
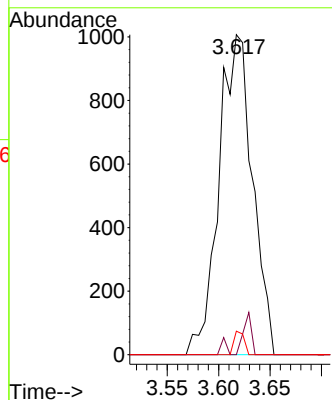
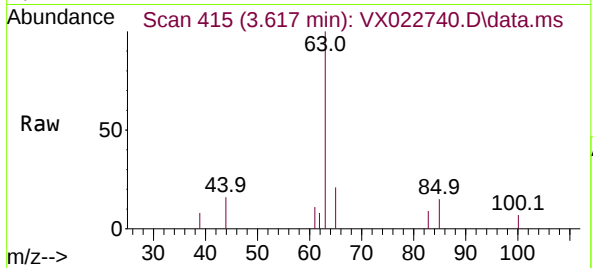




#24
1,1-Dichloroethane
Concen: 1.53 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

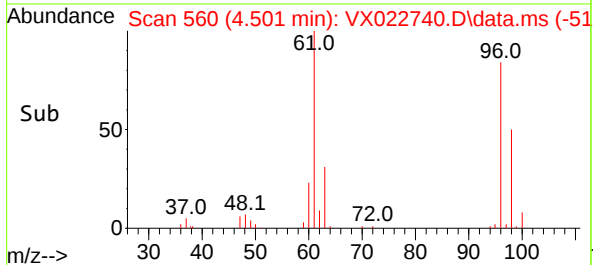
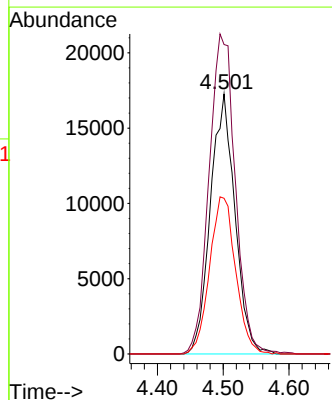
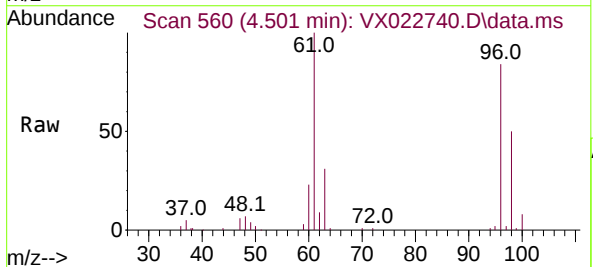
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

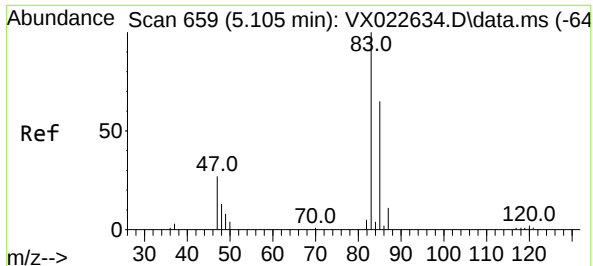
Tgt Ion: 63 Resp: 2288
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 7.3 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 49.48 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 96 Resp: 44970
Ion Ratio Lower Upper
96 100
61 131.4 0.0 285.6
98 63.9 0.0 129.6





#30

Chloroform

Concen: 0.30 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.013 min

Lab File: VX022740.D

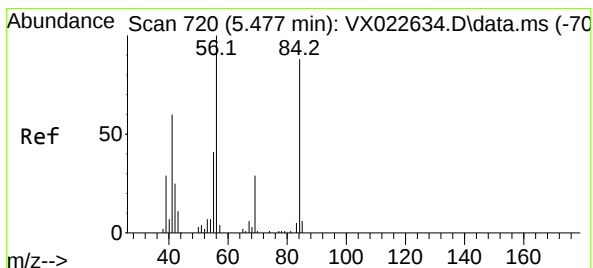
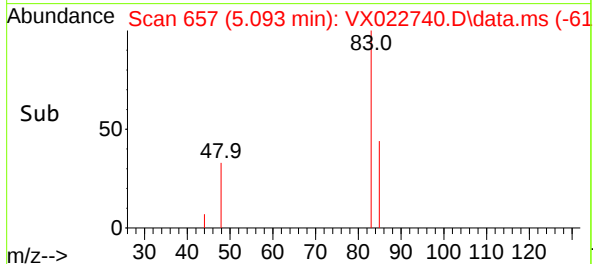
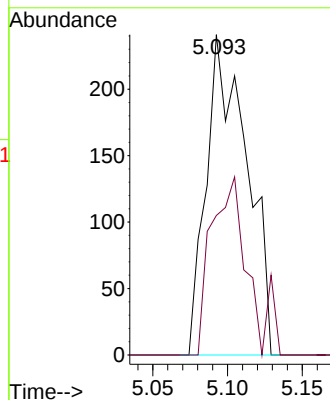
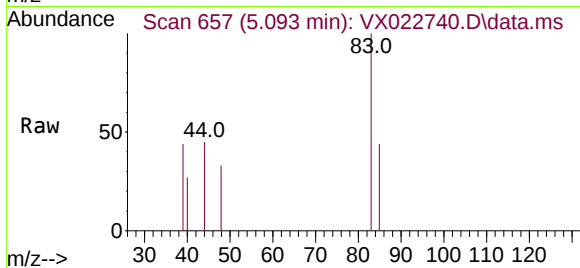
Acq: 17 Jun 2021 15:04

Tgt Ion: 83 Resp: 452

Ion Ratio Lower Upper

83 100

85 43.6 52.0 78.0#



#31

Cyclohexane

Concen: 1.31 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022740.D

Acq: 17 Jun 2021 15:04

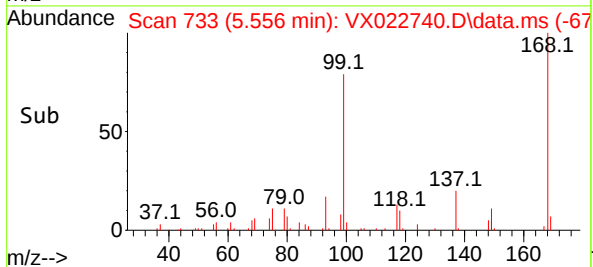
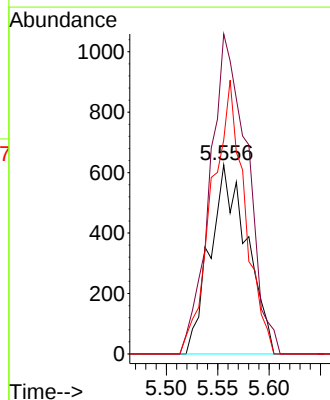
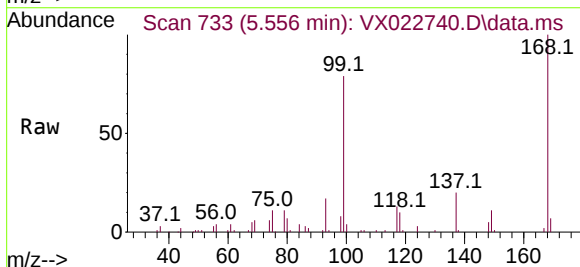
Tgt Ion: 56 Resp: 1572

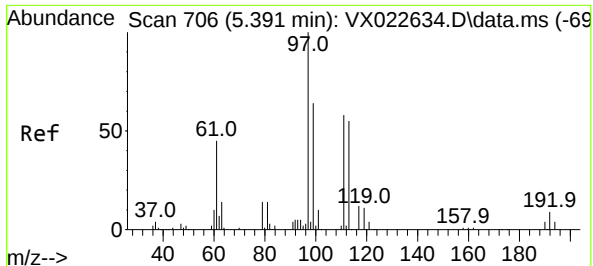
Ion Ratio Lower Upper

56 100

69 169.2 25.3 37.9#

84 113.1 71.4 107.0#





#32

1,1,1-Trichloroethane

Concen: 1.09 ug/l

RT: 5.385 min Scan# 705

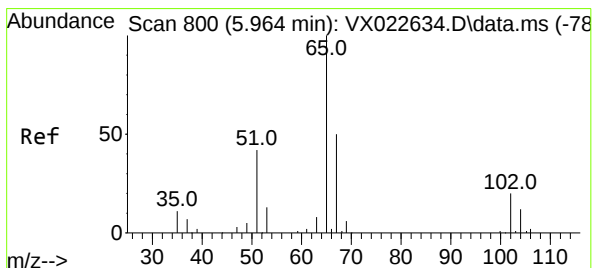
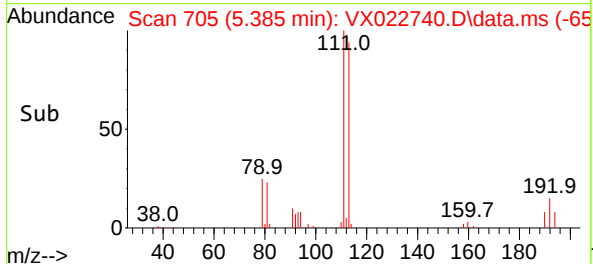
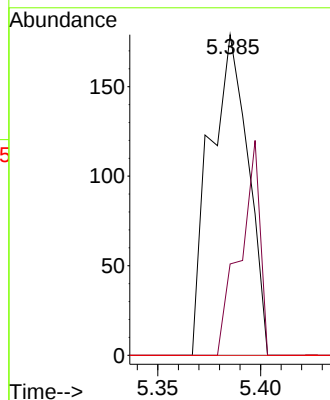
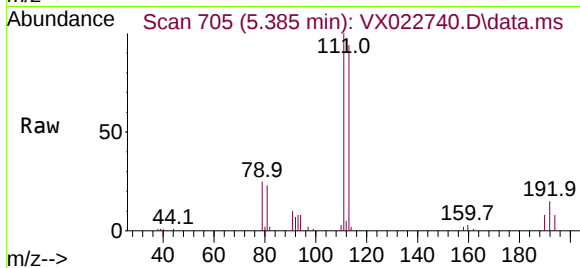
Delta R.T. -0.006 min

Lab File: VX022740.D

Acq: 17 Jun 2021 15:04

Tgt Ion: 97	Resp: 231
Ion Ratio	Lower Upper
97 100	
99 0.0	51.5 77.3#
61 0.0	34.2 51.4#

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616



#33

1,2-Dichloroethane-d4

Concen: 47.36 ug/l

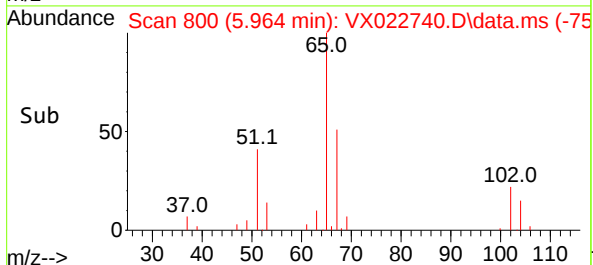
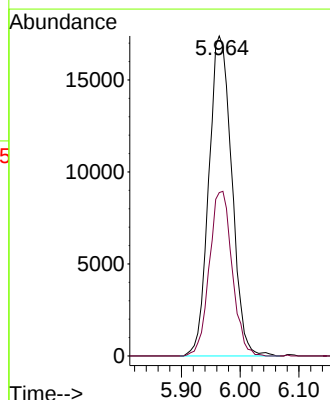
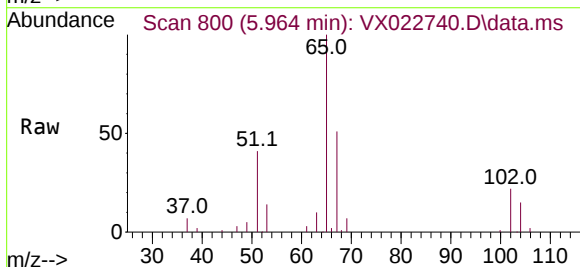
RT: 5.964 min Scan# 800

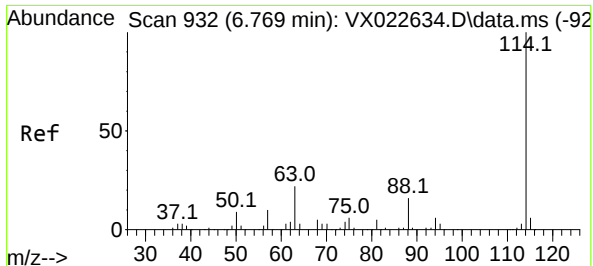
Delta R.T. 0.000 min

Lab File: VX022740.D

Acq: 17 Jun 2021 15:04

Tgt Ion: 65	Resp: 47226
Ion Ratio	Lower Upper
65 100	
67 51.0	0.0 105.4

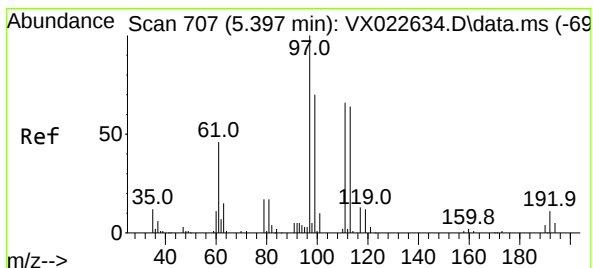
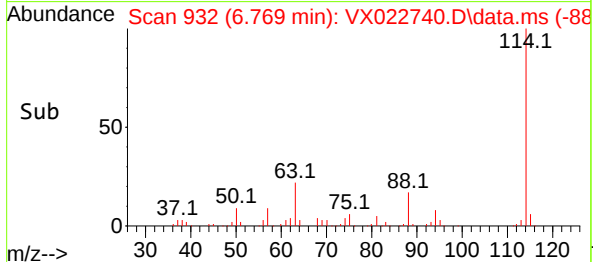
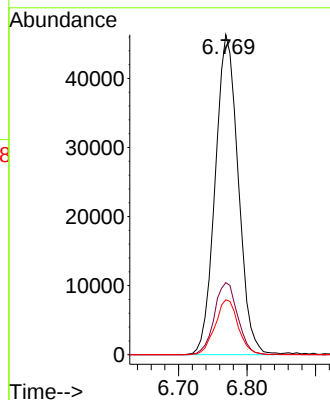
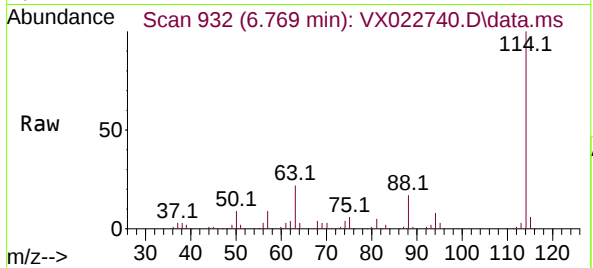




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

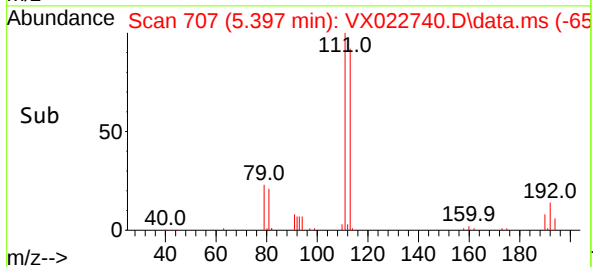
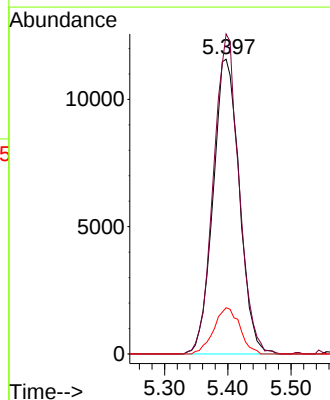
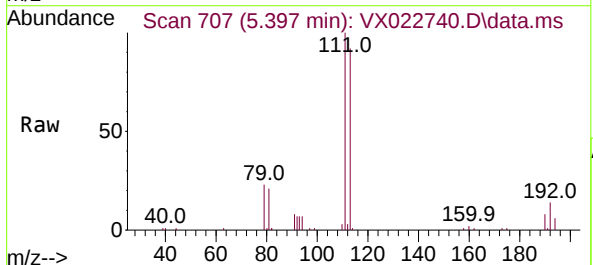
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

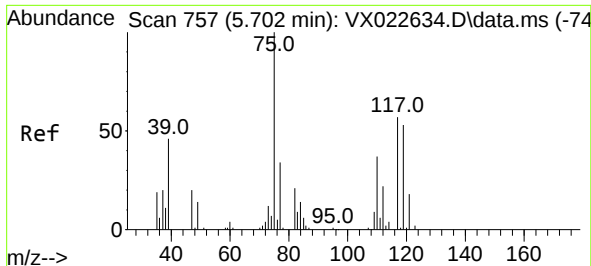
Tgt Ion:114 Resp: 108211
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.42 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion:113 Resp: 33431
Ion Ratio Lower Upper
113 100
111 105.1 81.9 122.9
192 15.5 16.7 25.1#

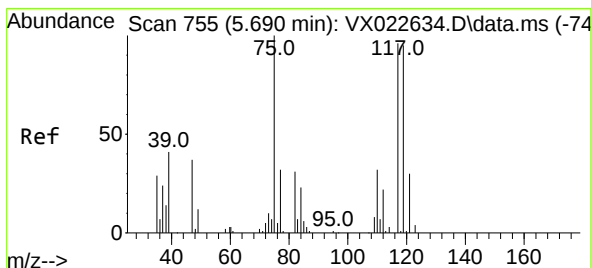
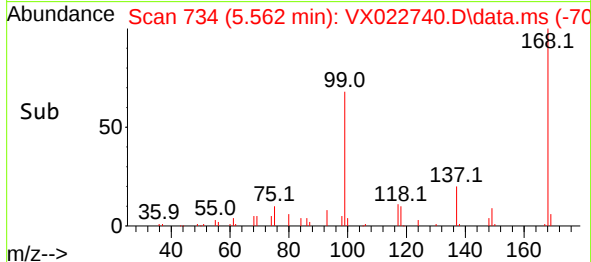
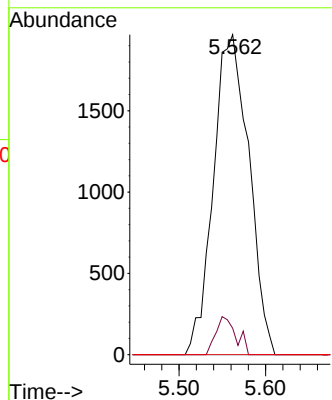
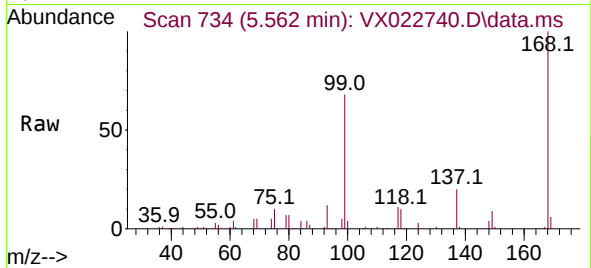




#36
1,1-Dichloropropene
Concen: 5.20 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

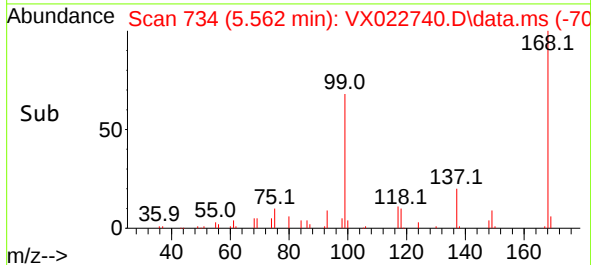
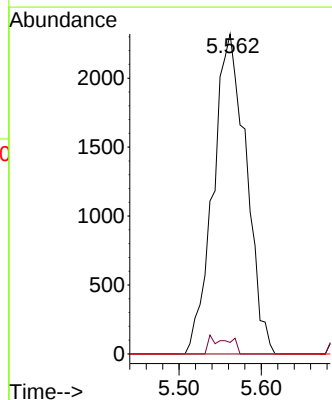
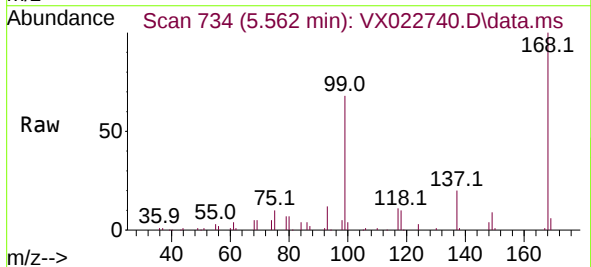
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

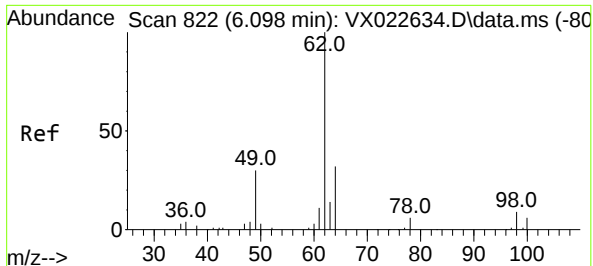
Tgt Ion: 75 Resp: 5609
Ion Ratio Lower Upper
75 100
110 6.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.02 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 117 Resp: 6474
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#





#42

1,2-Dichloroethane

Concen: 0.64 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.000 min

Lab File: VX022740.D

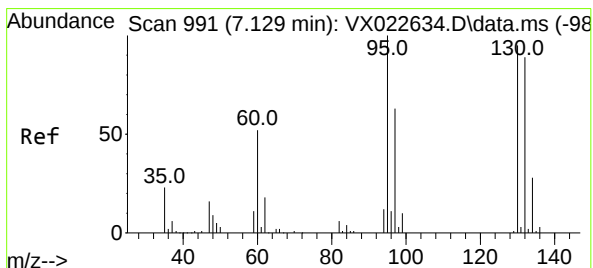
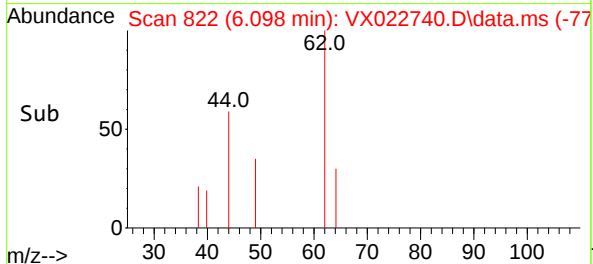
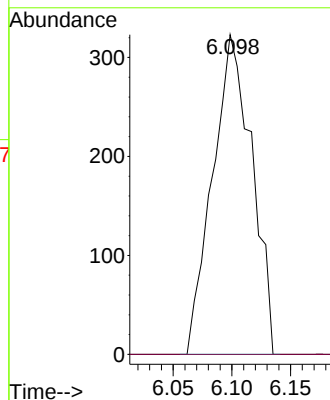
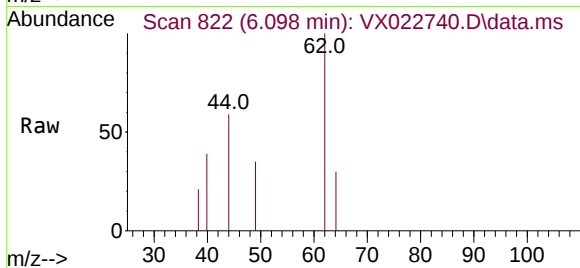
Acq: 17 Jun 2021 15:04

Tgt Ion: 62 Resp: 754

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 492.02 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022740.D

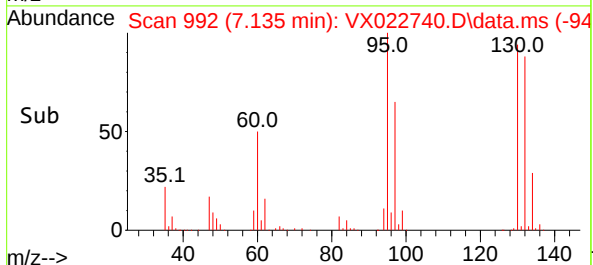
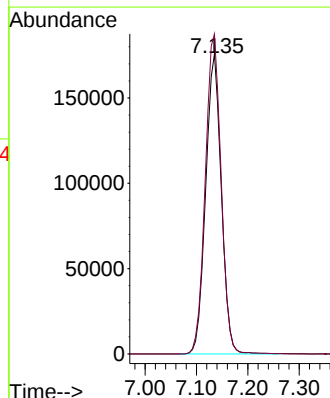
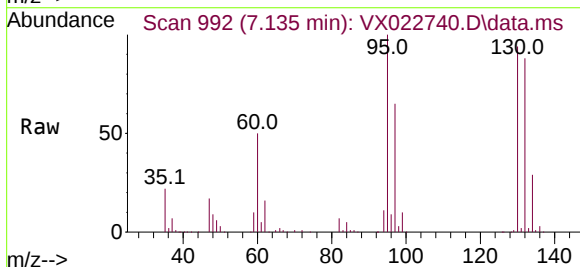
Acq: 17 Jun 2021 15:04

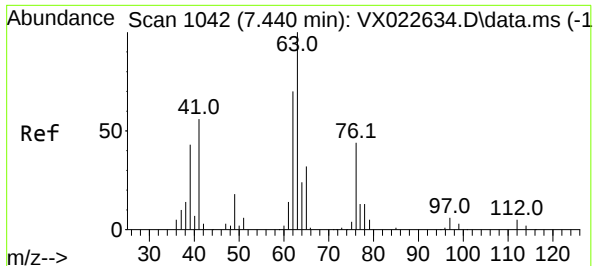
Tgt Ion:130 Resp: 370496

Ion Ratio Lower Upper

130 100

95 106.7 0.0 198.0



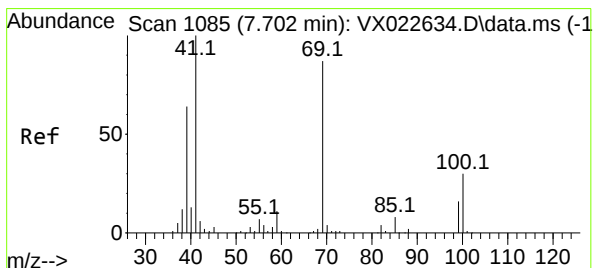
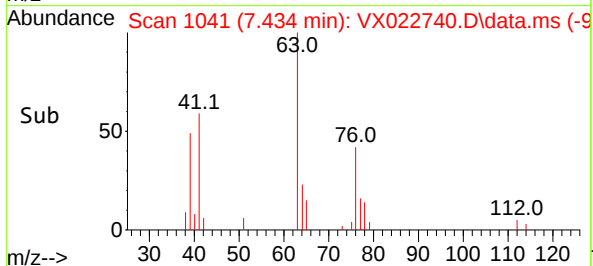
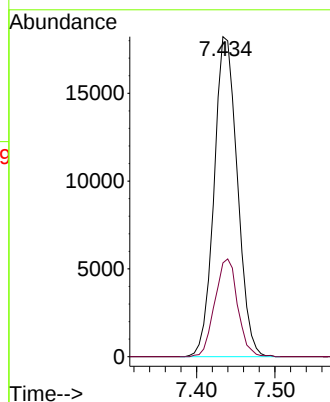
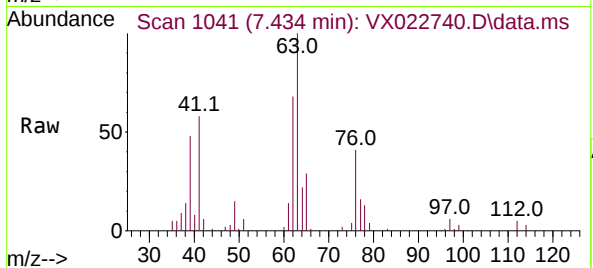


#45

1,2-Dichloropropane
Concen: 43.52 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

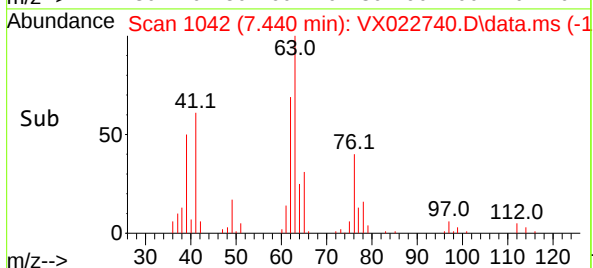
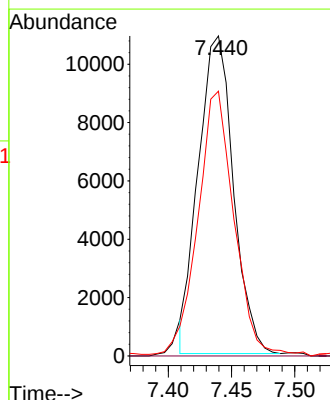
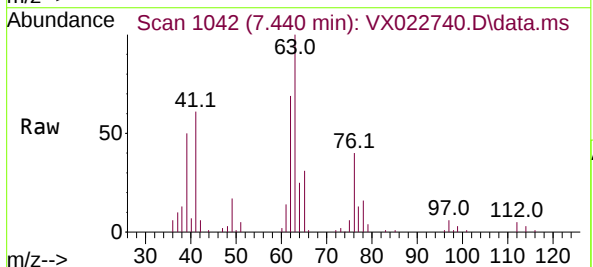
Tgt Ion: 63 Resp: 37665
Ion Ratio Lower Upper
63 100
65 29.3 25.7 38.5

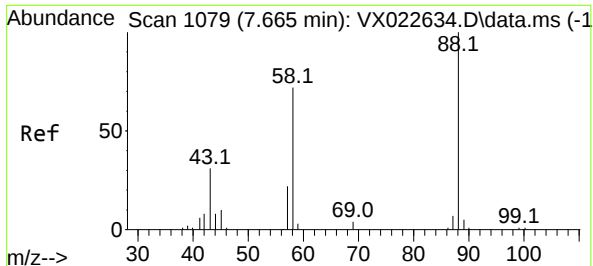


#48

Methyl methacrylate
Concen: 20.23 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.256 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 41 Resp: 21017
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 83.3 44.6 67.0#

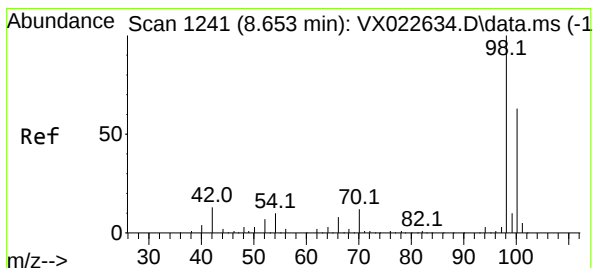
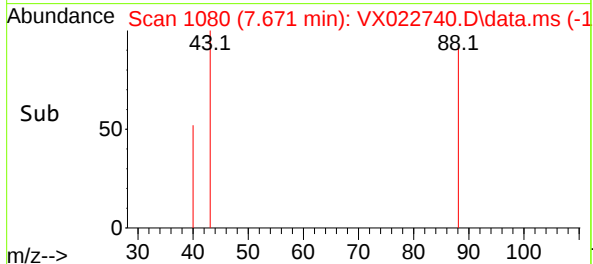
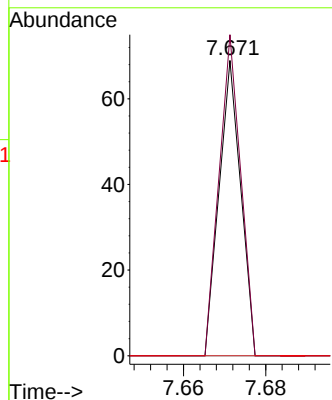
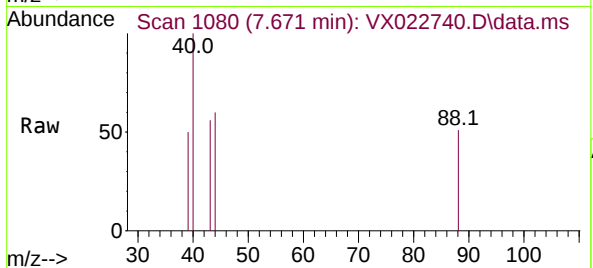




#49
1,4-Dioxane
Concen: 1.26 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

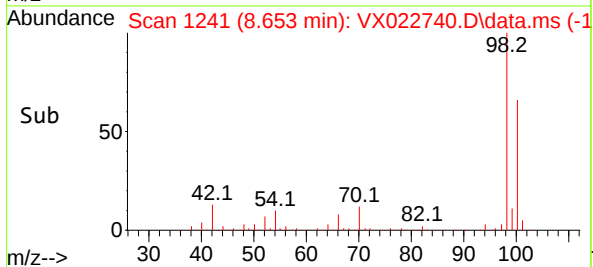
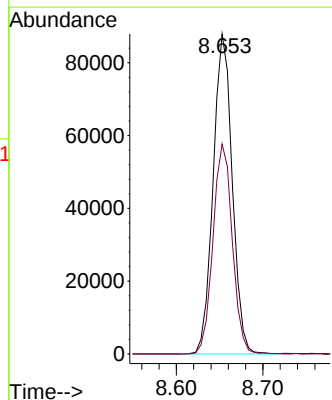
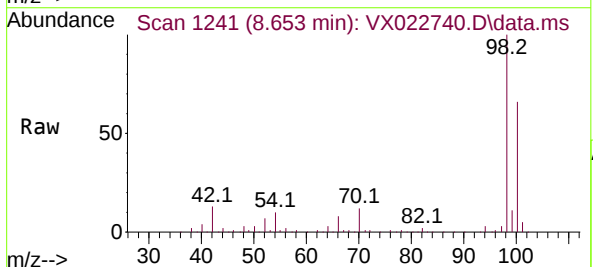
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

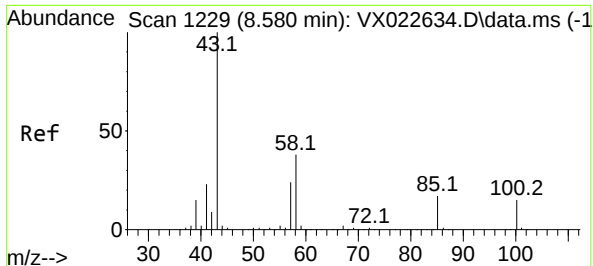
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 108.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 98 Resp: 134608
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

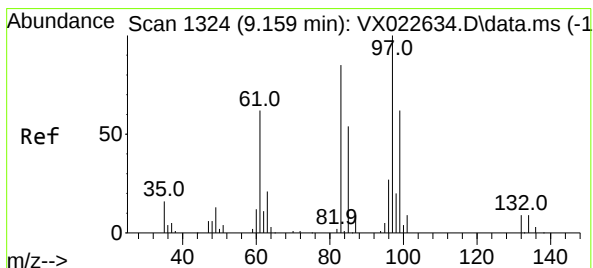
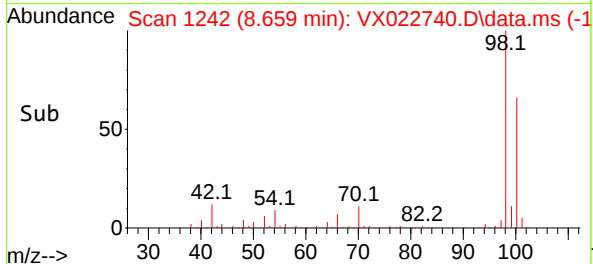
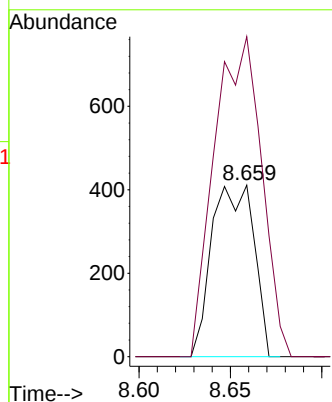
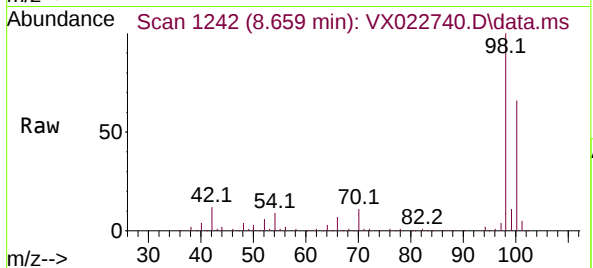




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

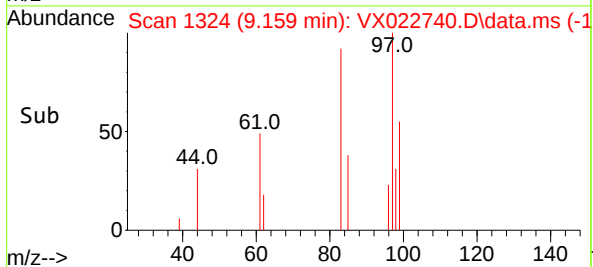
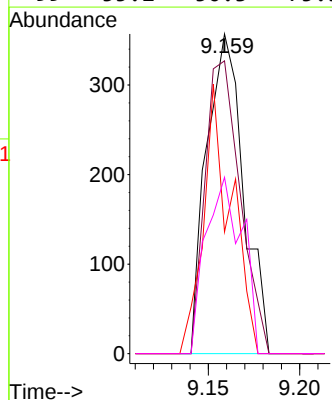
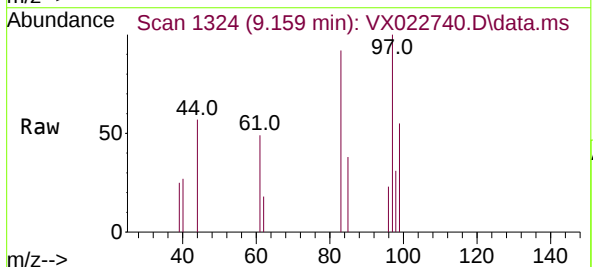
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

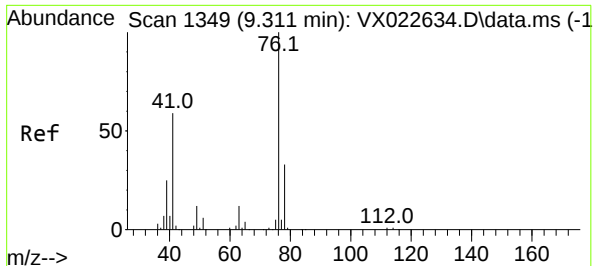
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
58 208.8 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.61 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 97 Resp: 502
Ion Ratio Lower Upper
97 100
83 91.6 69.3 103.9
85 38.1 44.3 66.5#
99 55.2 50.3 75.5





#57

1,3-Dichloropropane

Concen: 0.20 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX022740.D

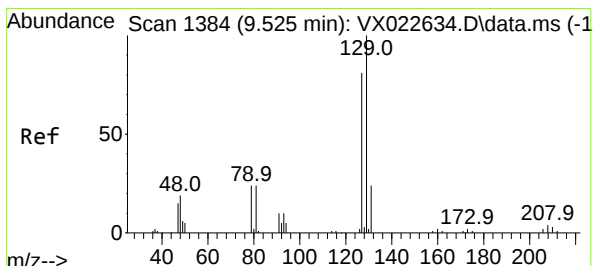
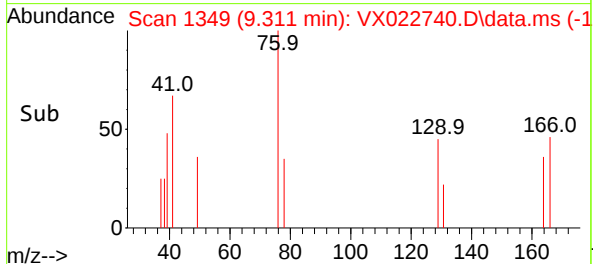
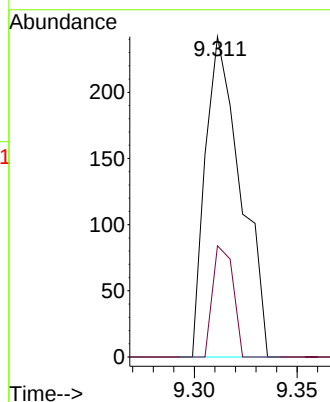
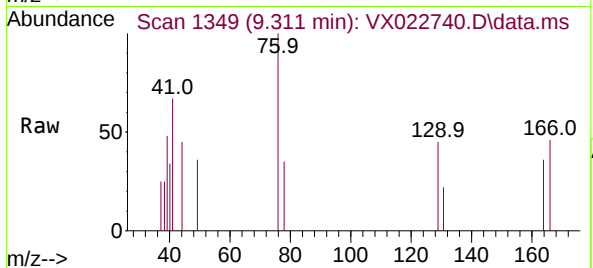
Acq: 17 Jun 2021 15:04

Tgt Ion: 76 Resp: 290

Ion Ratio Lower Upper

76 100

78 20.0 26.2 39.2#



#60

Dibromochloromethane

Concen: 24.36 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022740.D

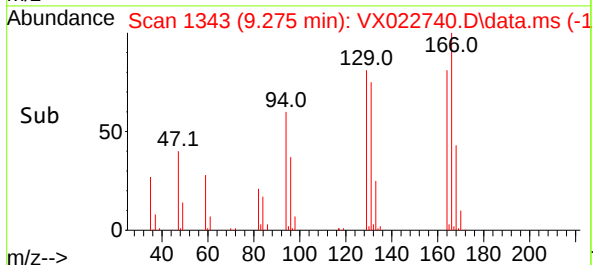
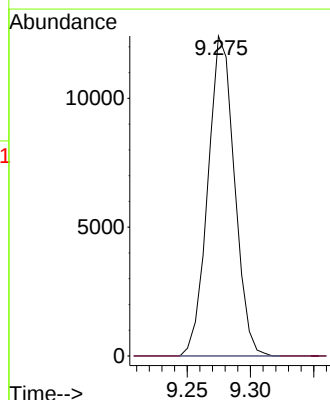
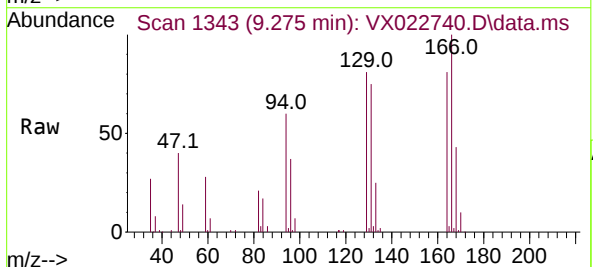
Acq: 17 Jun 2021 15:04

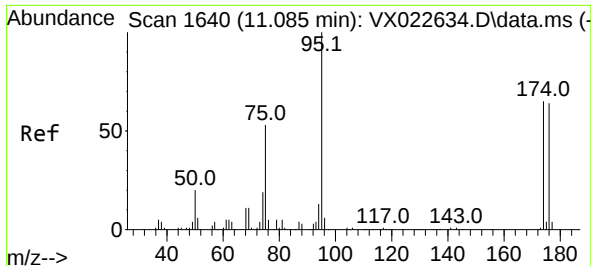
Tgt Ion: 129 Resp: 18150

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

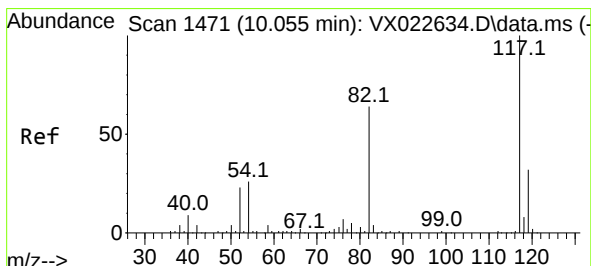
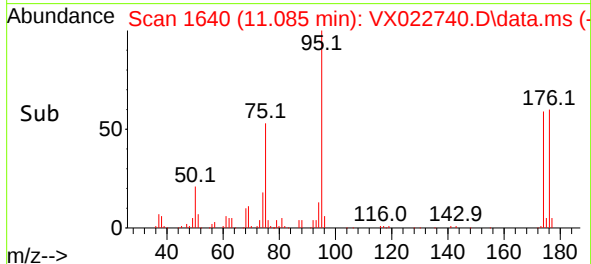
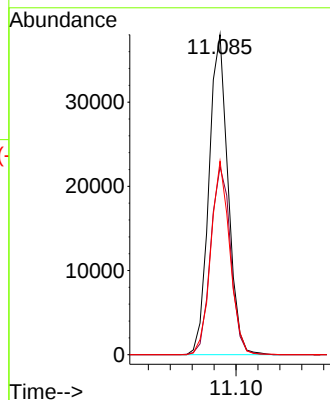
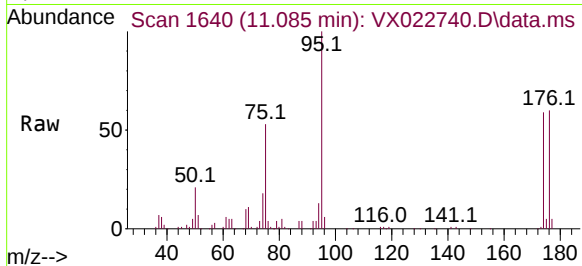




#62
4-Bromofluorobenzene
Concen: 44.64 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

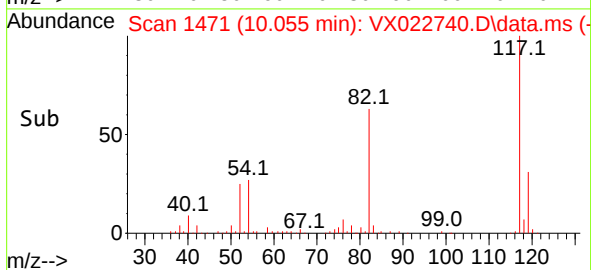
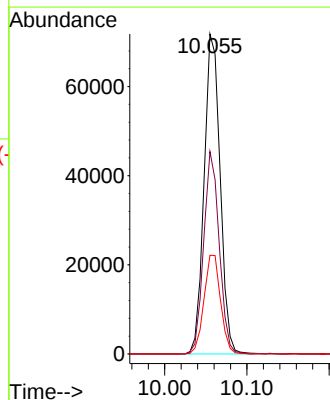
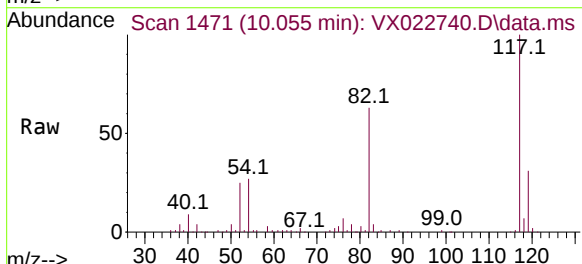
Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

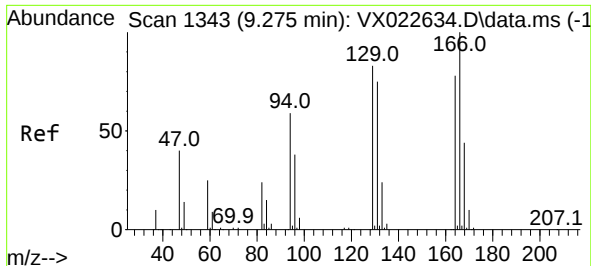
Tgt Ion: 95 Resp: 45945
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 60.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 117 Resp: 97333
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 30.9 26.6 39.8



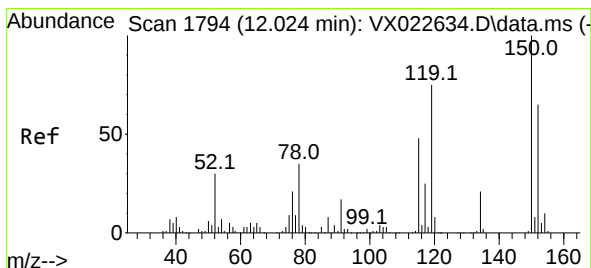
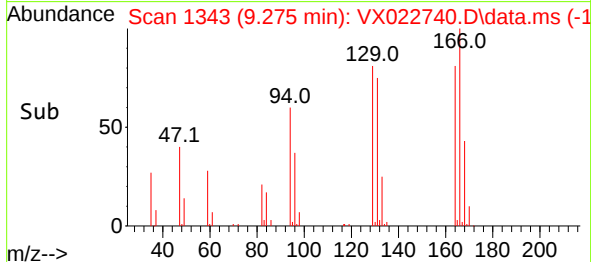
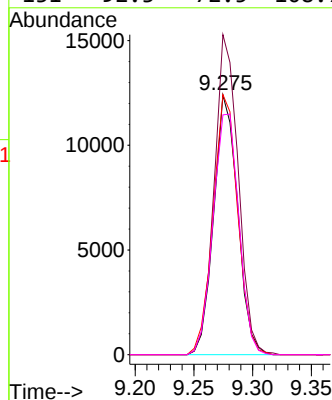
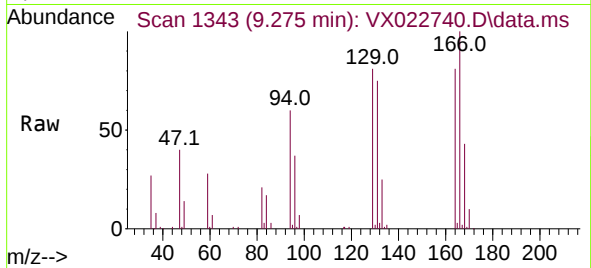


#64
Tetrachloroethene
Concen: 28.51 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

Tgt Ion:164 Resp: 17549

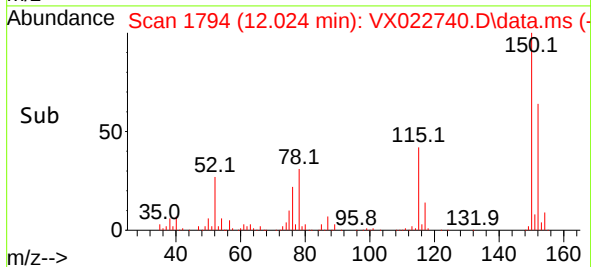
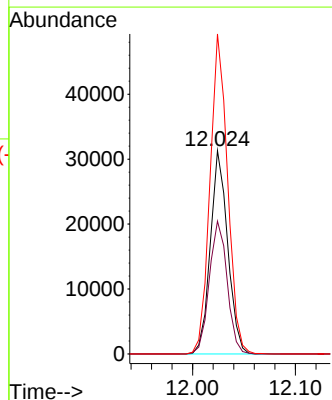
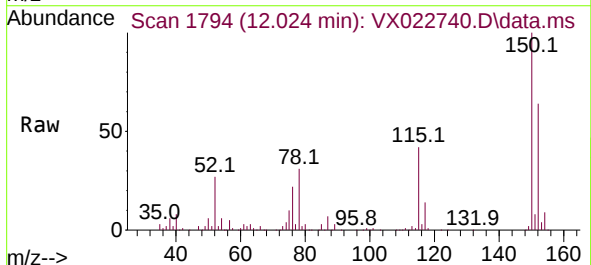
Ion	Ratio	Lower	Upper
164	100		
166	123.2	103.4	155.2
129	100.1	70.8	106.2
131	92.3	72.5	108.7

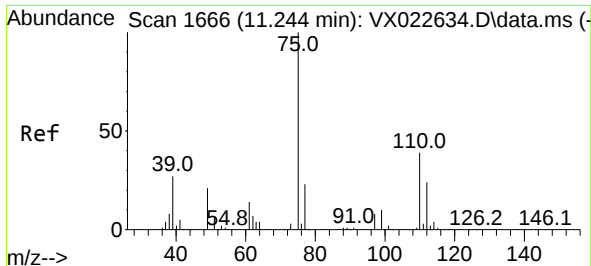


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion:152 Resp: 36821

Ion	Ratio	Lower	Upper
152	100		
115	67.1	41.1	123.3
150	159.1	0.0	349.0

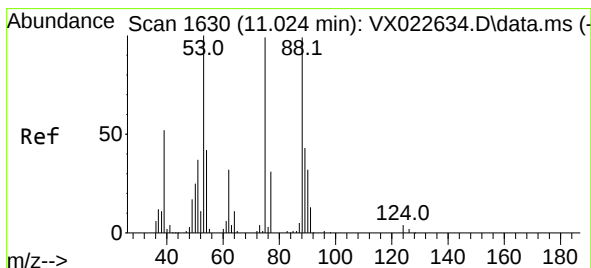
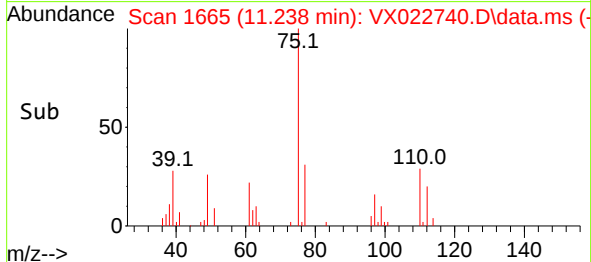
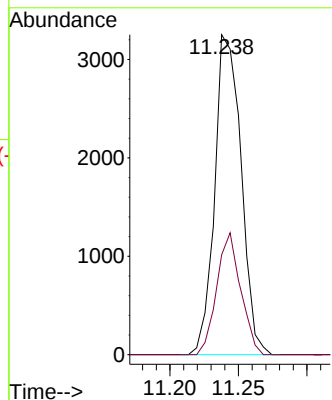
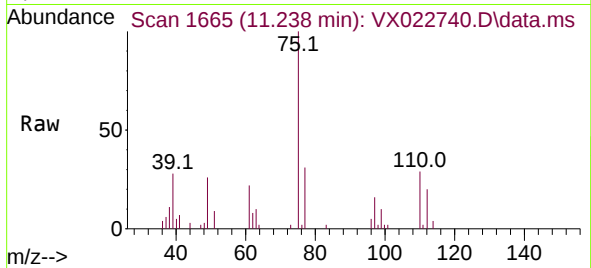




#76
1,2,3-Trichloropropane
Concen: 4.45 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
MW178D-20210616

Tgt Ion: 75 Resp: 4344
Ion Ratio Lower Upper
75 100
77 34.5 19.1 57.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.17 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022740.D
Acq: 17 Jun 2021 15:04

Tgt Ion: 75 Resp: 24930
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

