

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035352.D
 Acq On : 27 Apr 2023 19:27
 Operator : JC/MD
 Sample : 02492-01DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04IDL

Quant Time: Apr 28 05:10:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

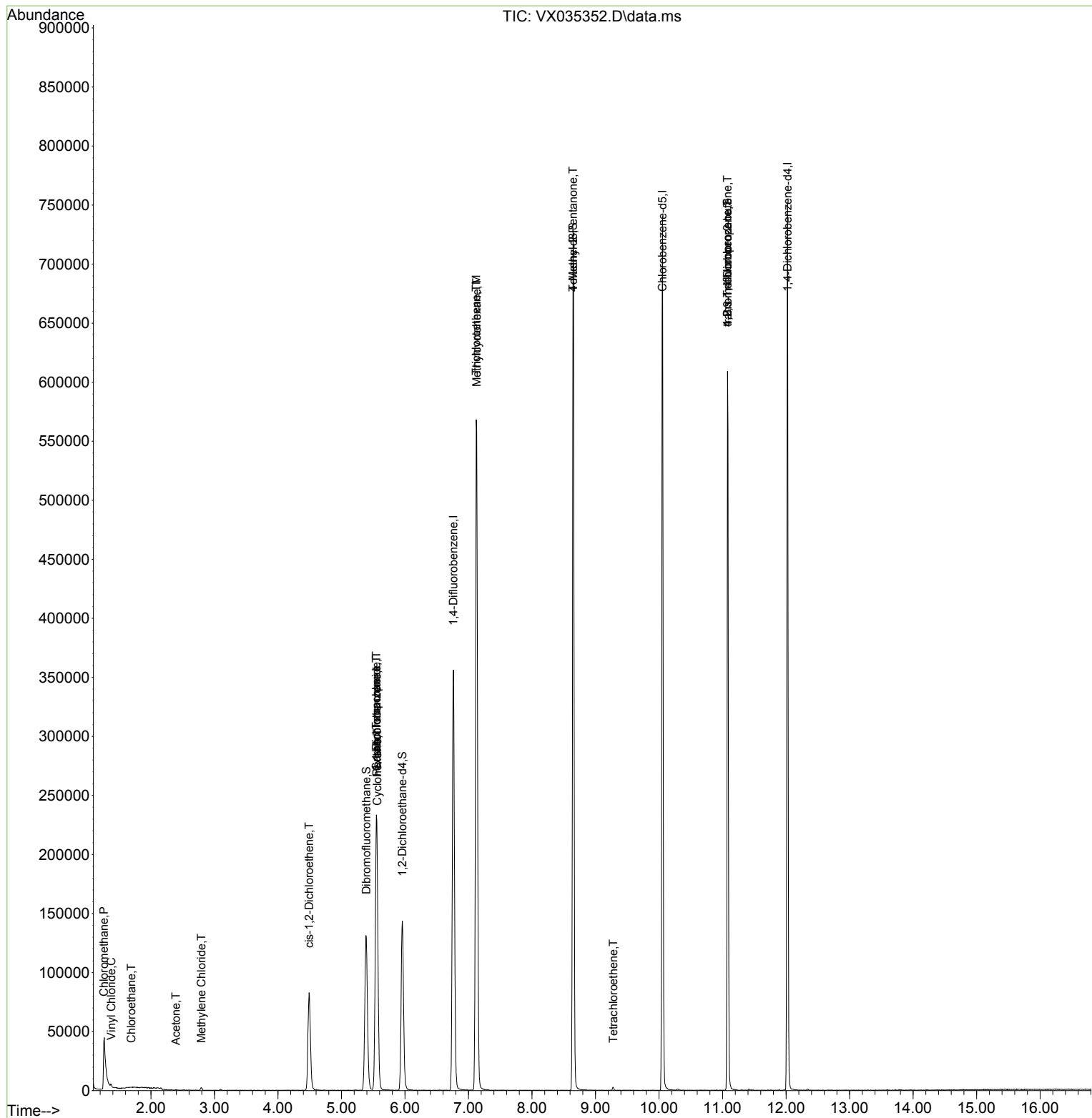
Internal Standards						
1) Pentafluorobenzene	5.556	168	231325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140080	50.193	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.380%		
35) Dibromofluoromethane	5.391	113	116179	50.144	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.280%		
50) Toluene-d8	8.647	98	443641	50.759	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.520%		
62) 4-Bromofluorobenzene	11.079	95	170678	51.912	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.820%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.258	50	1871	0.840	ug/l #	42
4) Vinyl Chloride	1.374	62	1111	0.497	ug/l #	1
6) Chloroethane	1.691	64	419	0.321	ug/l #	42
16) Acetone	2.392	43	263	0.217	ug/l #	44
20) Methylene Chloride	2.794	84	1033	0.372	ug/l #	84
27) cis-1,2-Dichloroethene	4.489	96	53661	18.708	ug/l	86
31) Cyclohexane	5.562	56	4113	1.039	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	16231	4.487	ug/l #	51
38) Carbon Tetrachloride	5.550	117	23219	6.761	ug/l #	14
39) Methylcyclohexane	7.129	83	2697	0.612	ug/l #	1
44) Trichloroethene	7.123	130	233484	81.668	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1770	0.519	ug/l #	1
64) Tetrachloroethene	9.281	164	625	0.237	ug/l #	72
76) 1,2,3-Trichloropropane	11.079	75	84496	25.546	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	84496	82.739	ug/l #	8

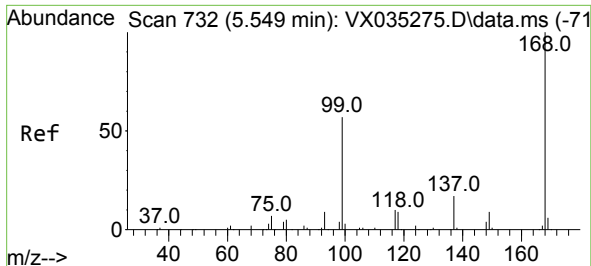
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
Data File : VX035352.D
Acq On : 27 Apr 2023 19:27
Operator : JC/MD
Sample : 02492-01DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

Quant Time: Apr 28 05:10:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

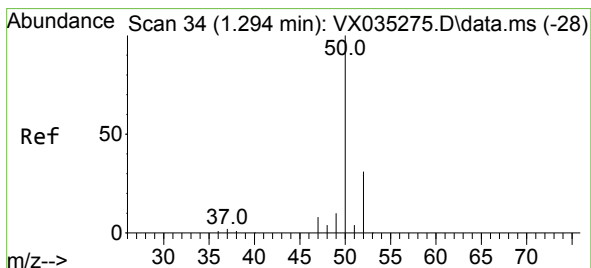
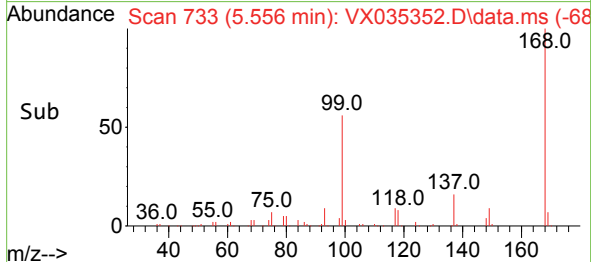
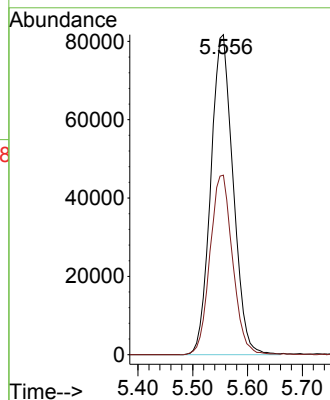
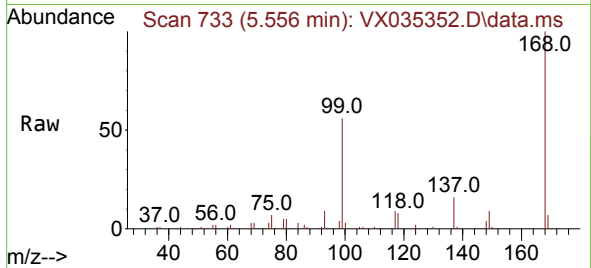




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

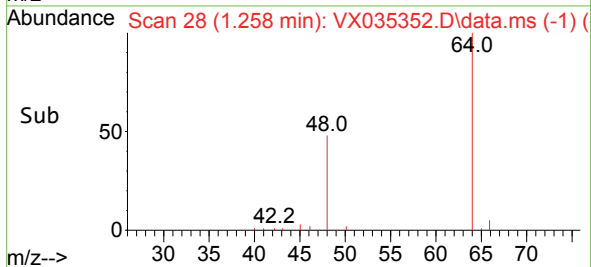
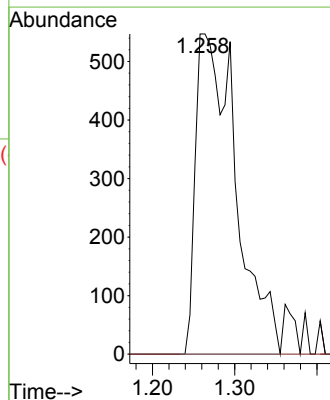
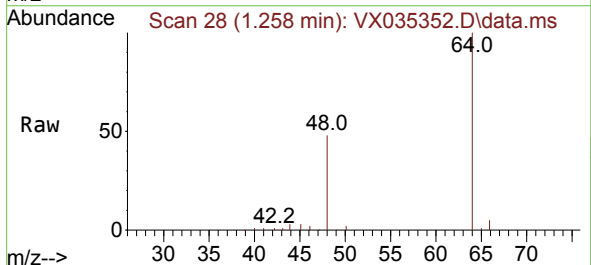
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

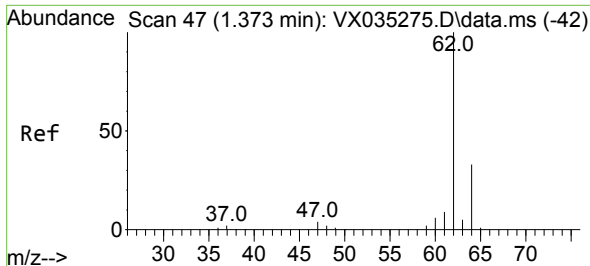
Tgt Ion:168 Resp: 231325
Ion Ratio Lower Upper
168 100
99 56.1 45.7 68.5



#3
Chloromethane
Concen: 0.840 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

Tgt Ion: 50 Resp: 1871
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

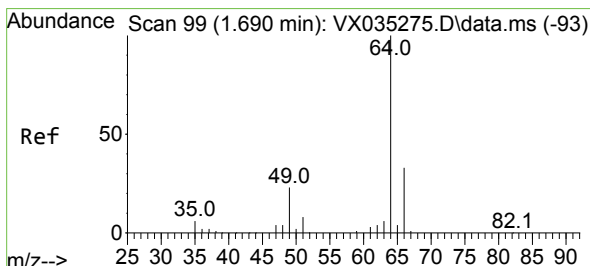
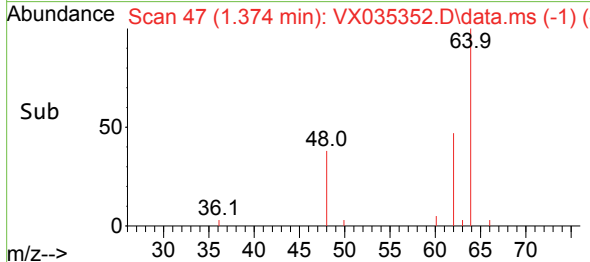
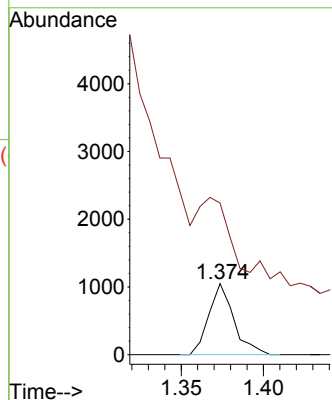
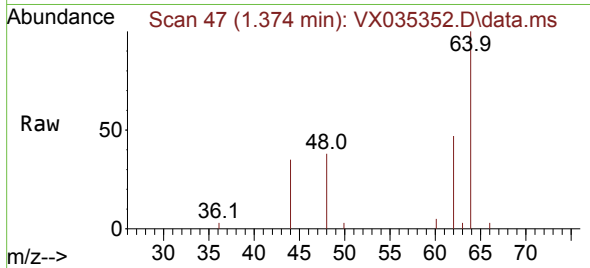




#4
 Vinyl Chloride
 Concen: 0.497 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

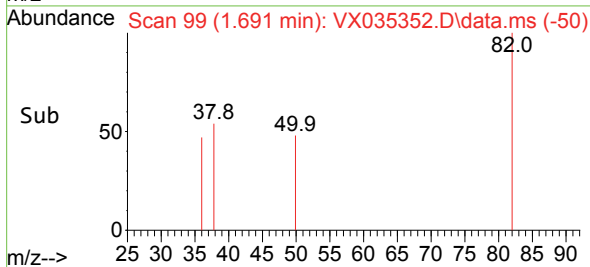
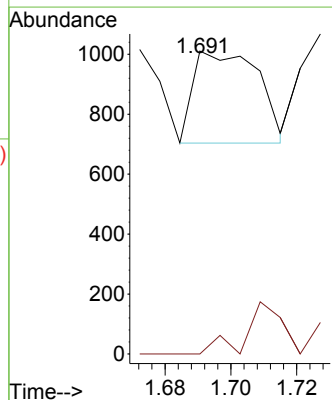
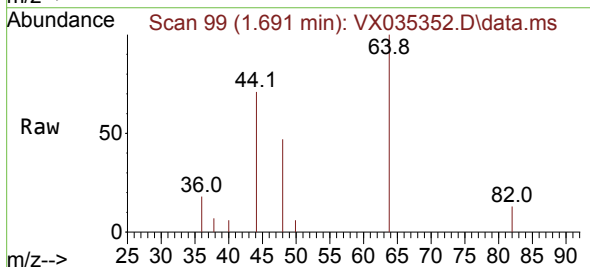
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04IDL

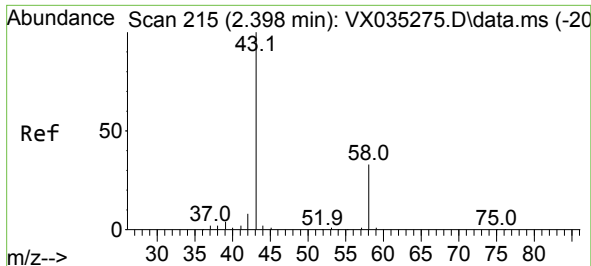
Tgt Ion: 62 Resp: 1111
 Ion Ratio Lower Upper
 62 100
 64 96.8 26.4 39.6#



#6
 Chloroethane
 Concen: 0.321 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. 0.001 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

Tgt Ion: 64 Resp: 419
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.2 39.4#

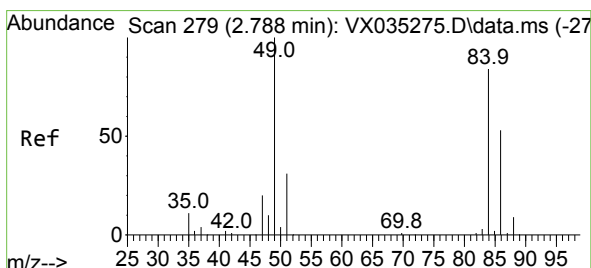
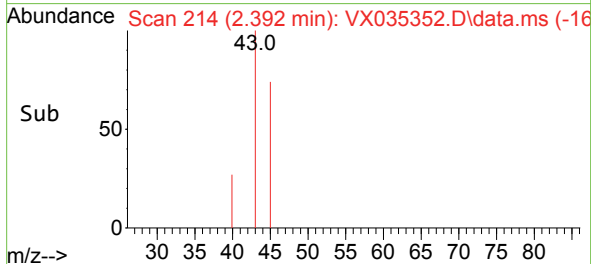
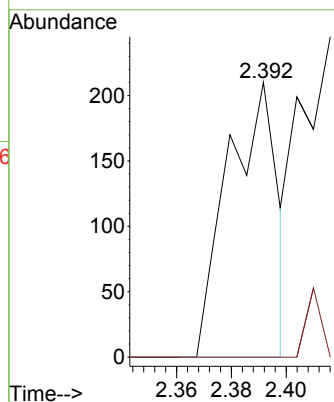
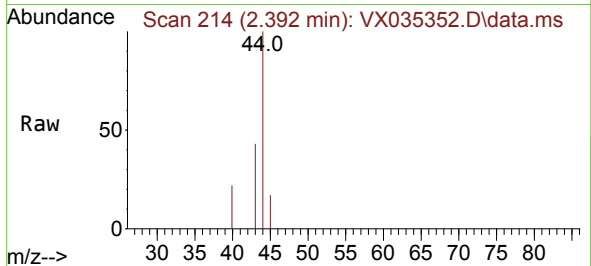




#16
Acetone
Concen: 0.217 ug/l
RT: 2.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

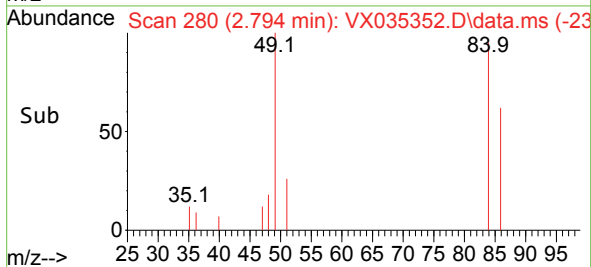
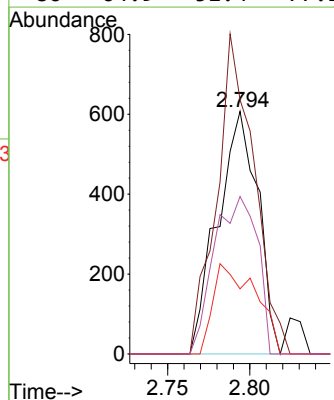
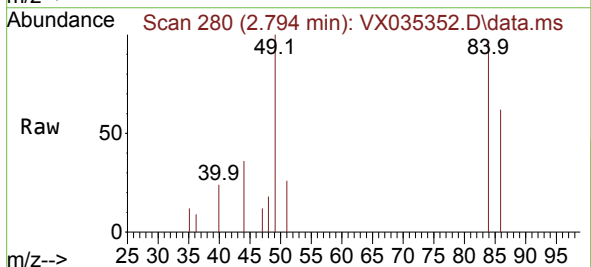
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

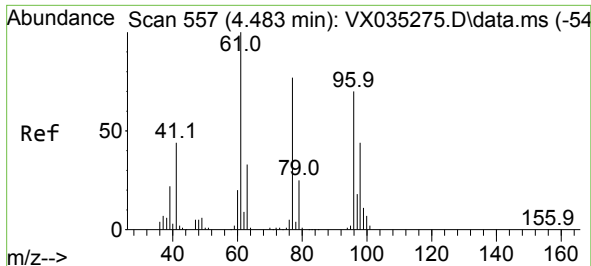
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

Tgt Ion: 84 Resp: 1033
Ion Ratio Lower Upper
84 100
49 104.8 103.8 155.8
51 26.9 31.8 47.8#
86 64.9 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 18.708 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035352.D

Acq: 27 Apr 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

22-MW-04IDL

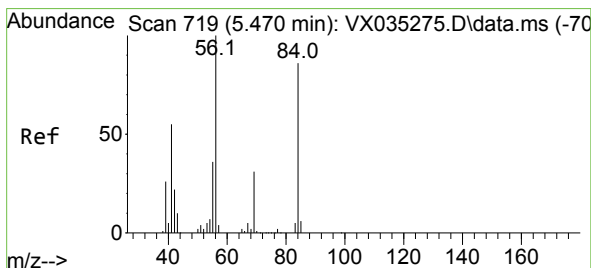
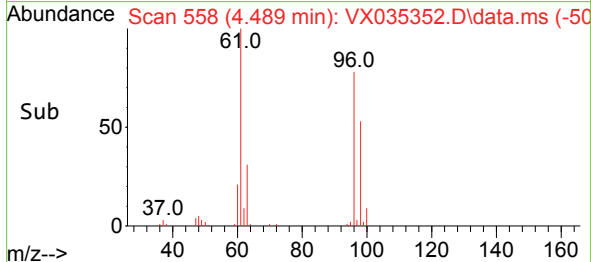
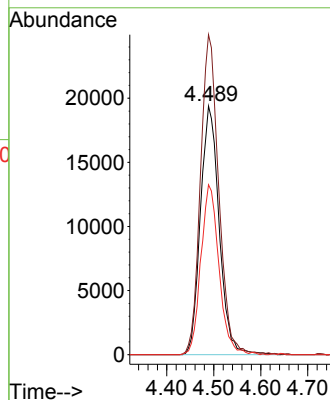
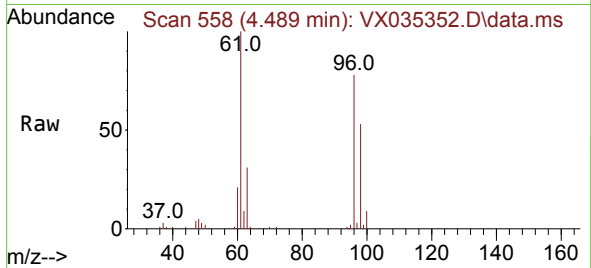
Tgt Ion: 96 Resp: 53661

Ion Ratio Lower Upper

96 100

61 125.9 0.0 300.4

98 66.0 0.0 129.0



#31

Cyclohexane

Concen: 1.039 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX035352.D

Acq: 27 Apr 2023 19:27

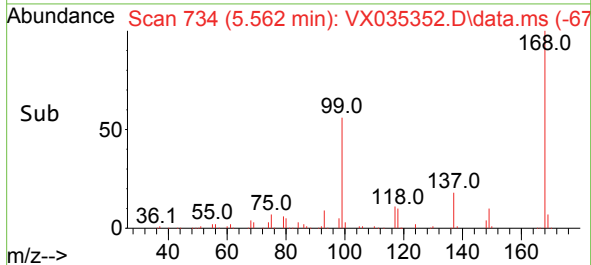
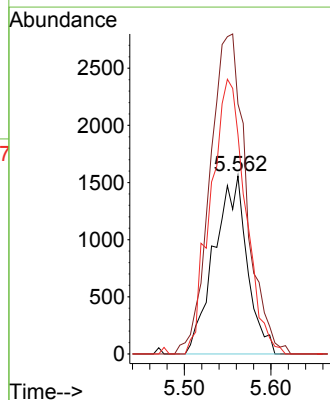
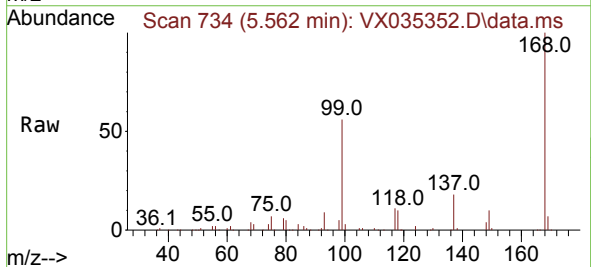
Tgt Ion: 56 Resp: 4113

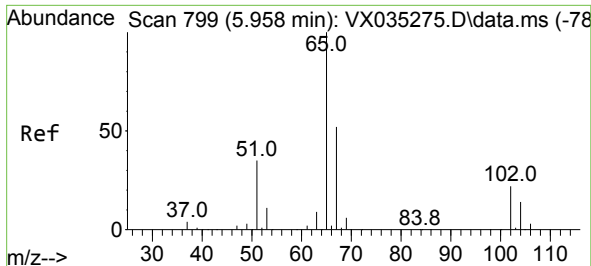
Ion Ratio Lower Upper

56 100

69 136.6 23.7 35.5#

84 123.3 68.5 102.7#

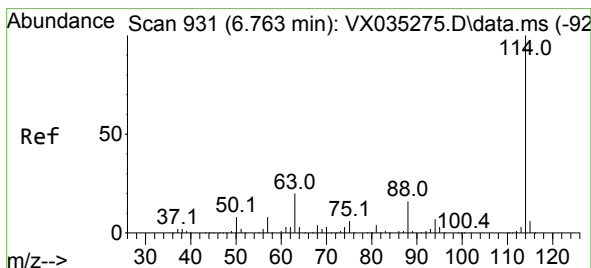
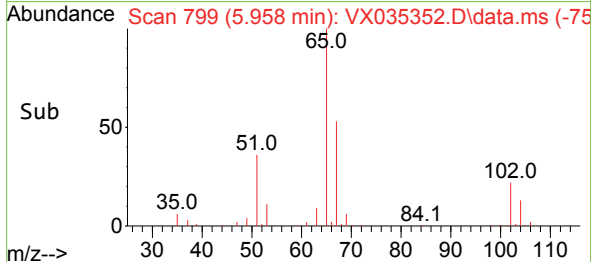
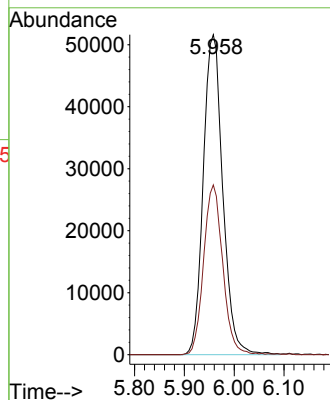
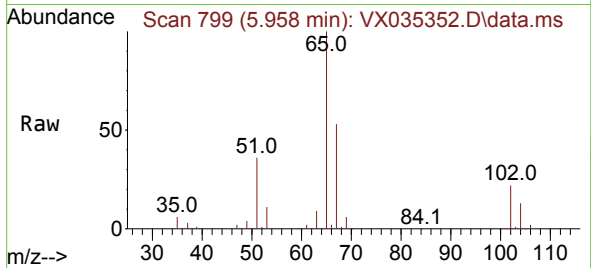




#33
 1,2-Dichloroethane-d4
 Concen: 50.193 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

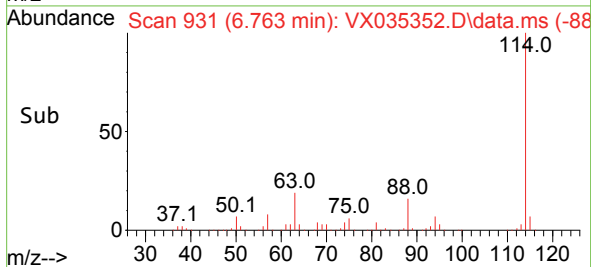
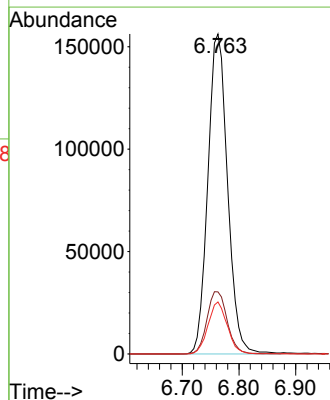
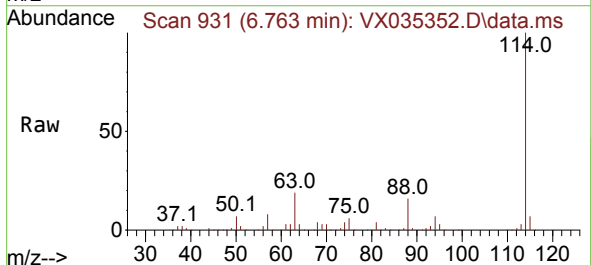
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04IDL

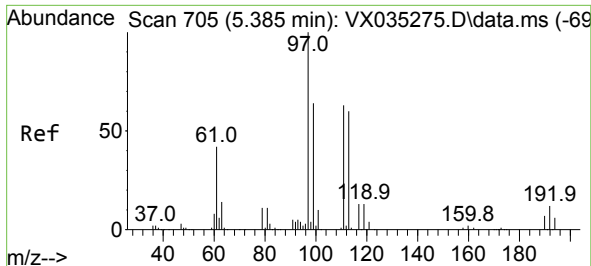
Tgt Ion: 65 Resp: 140080
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

Tgt Ion: 114 Resp: 377485
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.2
 88 16.3 0.0 33.2

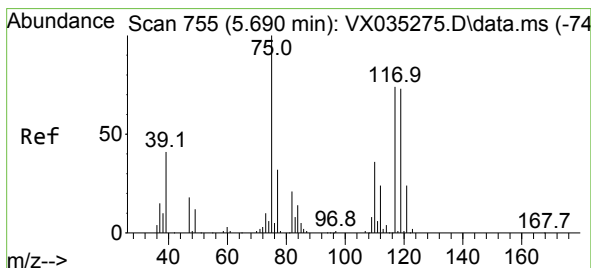
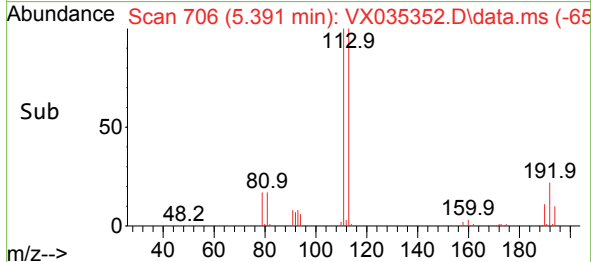
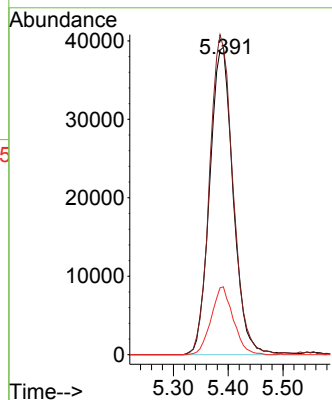
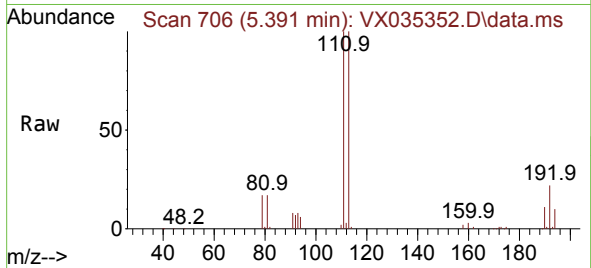




#35
Dibromofluoromethane
Concen: 50.144 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

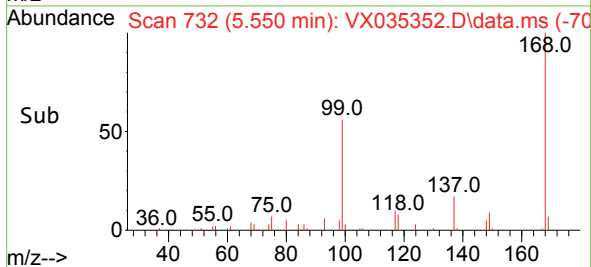
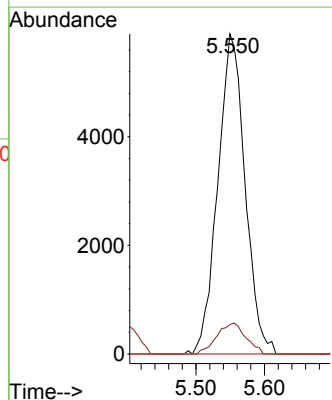
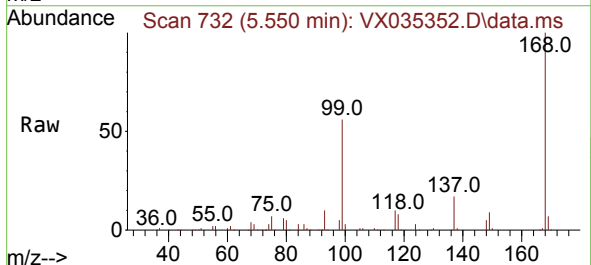
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

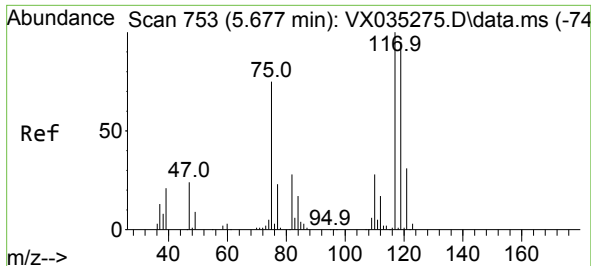
Tgt Ion:113 Resp: 116179
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 20.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

Tgt Ion: 75 Resp: 16231
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.5#
77 0.0 24.3 36.5#

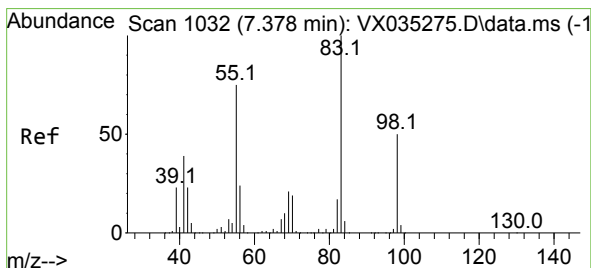
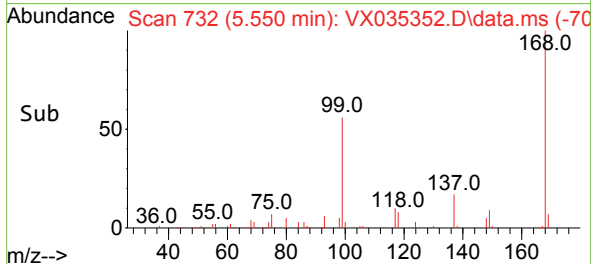
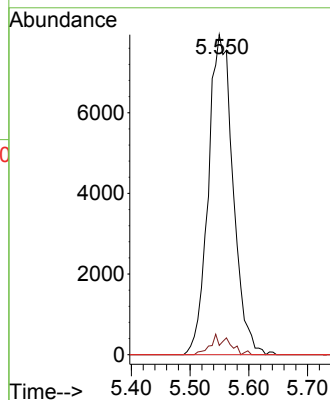
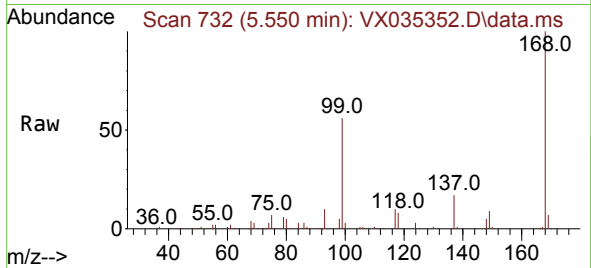




#38
Carbon Tetrachloride
Concen: 6.761 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

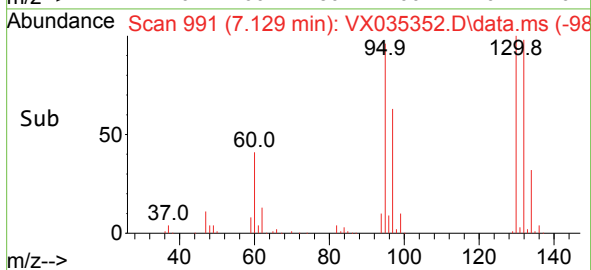
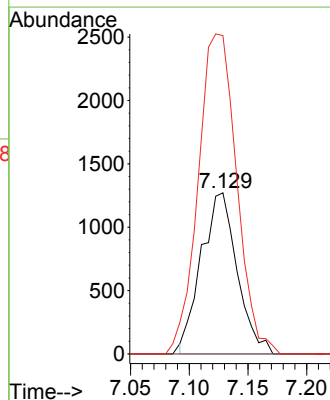
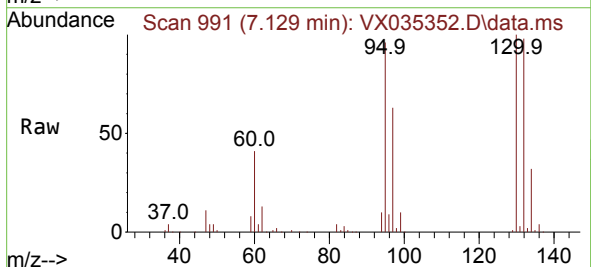
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

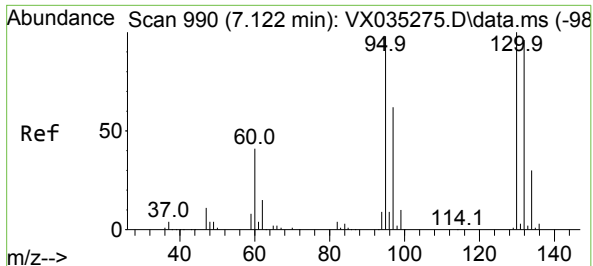
Tgt Ion:117 Resp: 23219
Ion Ratio Lower Upper
117 100
119 2.9 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.612 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.249 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

Tgt Ion: 83 Resp: 2697
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 191.4 40.4 60.6#

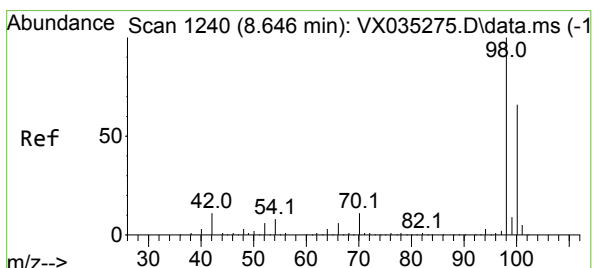
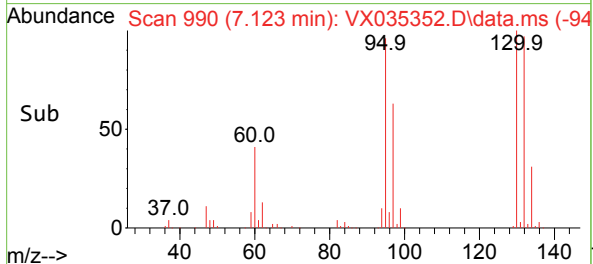
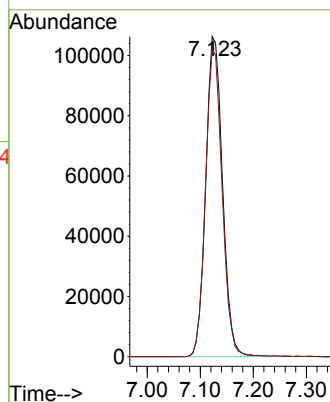
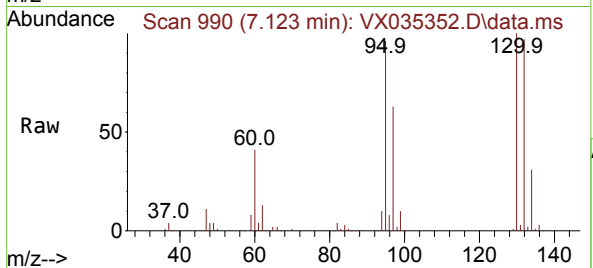




#44
 Trichloroethene
 Concen: 81.668 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.001 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

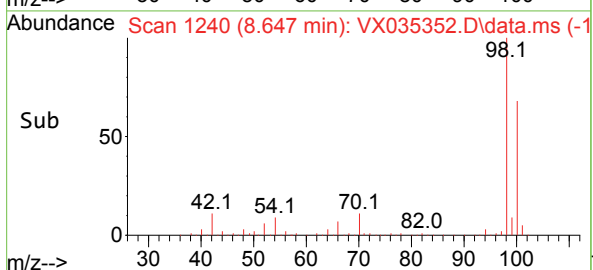
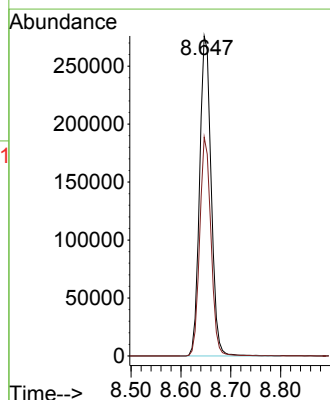
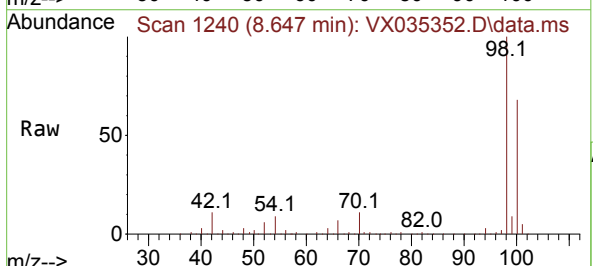
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04IDL

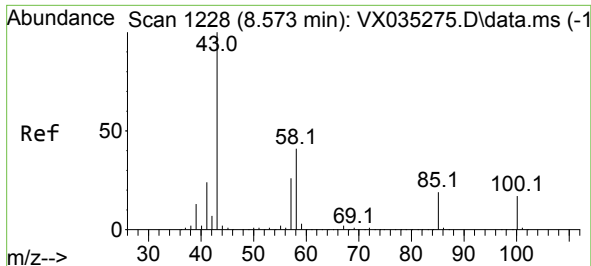
Tgt Ion:130 Resp: 233484
 Ion Ratio Lower Upper
 130 100
 95 95.9 0.0 198.4



#50
 Toluene-d8
 Concen: 50.759 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

Tgt Ion: 98 Resp: 443641
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.5 78.7

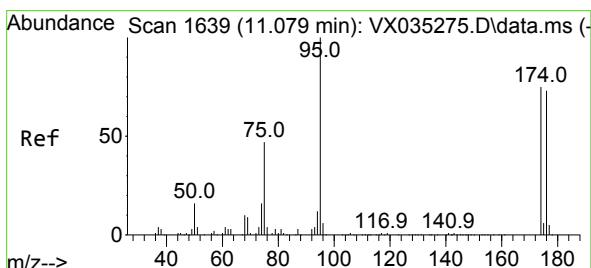
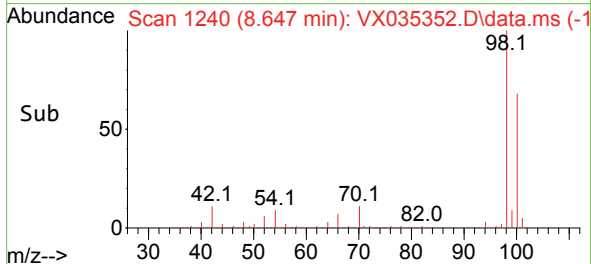
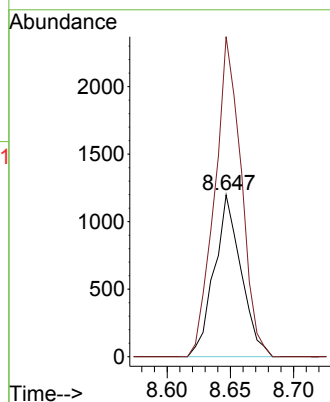
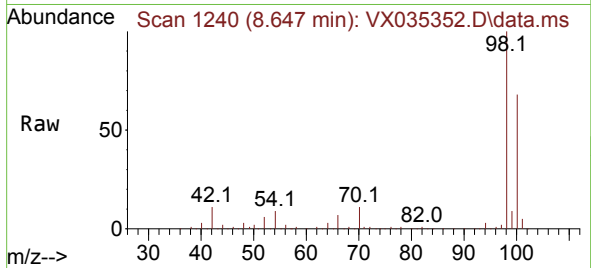




#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

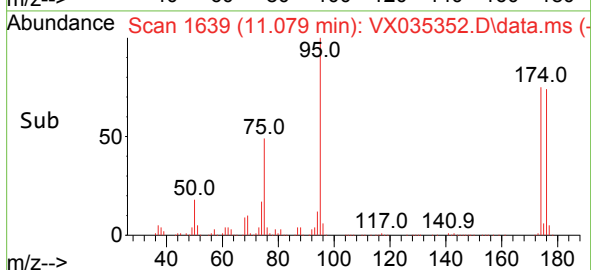
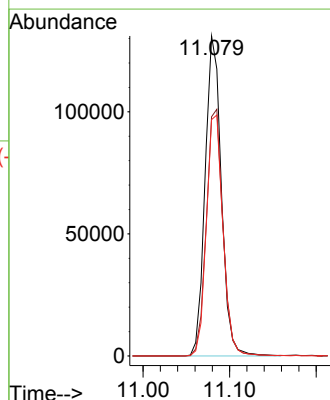
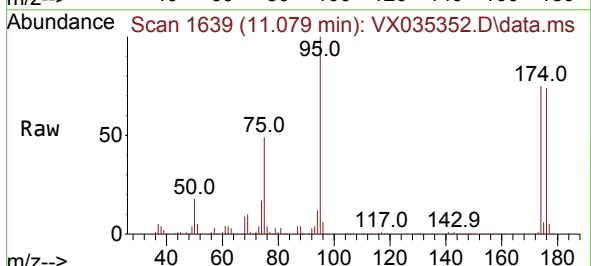
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

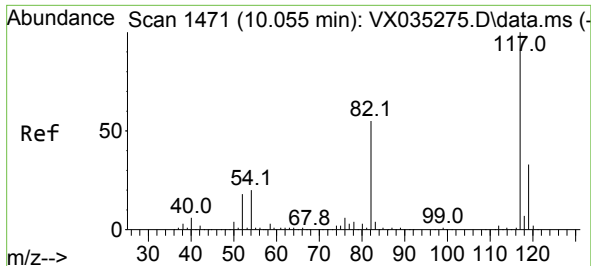
Tgt Ion: 43 Resp: 1770
Ion Ratio Lower Upper
43 100
58 195.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

Tgt Ion: 95 Resp: 170678
Ion Ratio Lower Upper
95 100
174 78.8 0.0 147.4
176 77.1 0.0 140.6

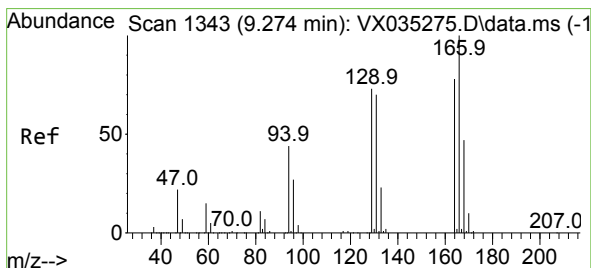
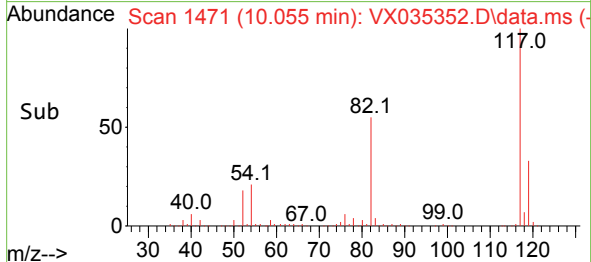
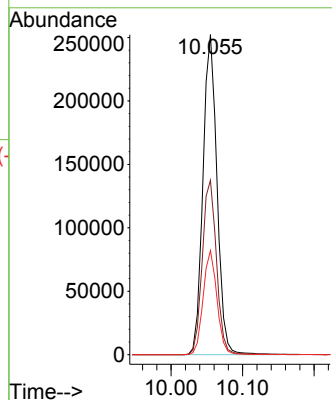
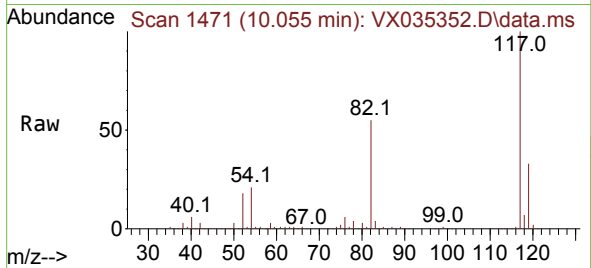




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

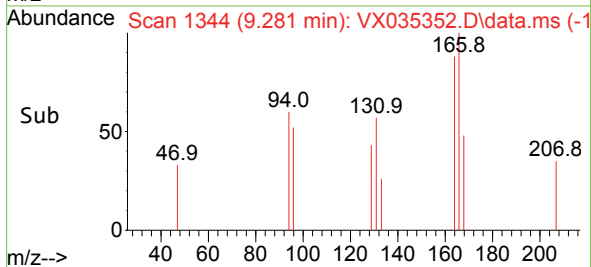
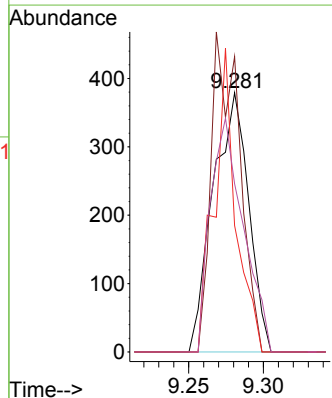
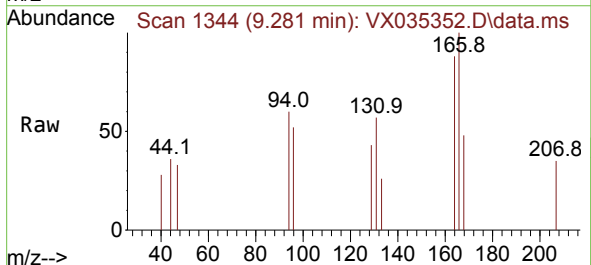
Instrument :
MSVOA_X
ClientSampleId :
22-MW-04IDL

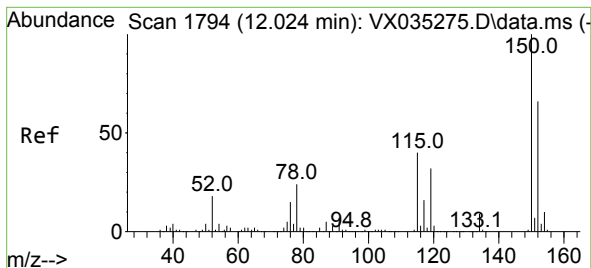
Tgt Ion:117 Resp: 344257
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 0.237 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VX035352.D
Acq: 27 Apr 2023 19:27

Tgt Ion:164 Resp: 625
Ion Ratio Lower Upper
164 100
166 114.0 102.7 154.1
129 48.8 75.6 113.4#
131 64.9 73.7 110.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035352.D

Acq: 27 Apr 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

22-MW-04IDL

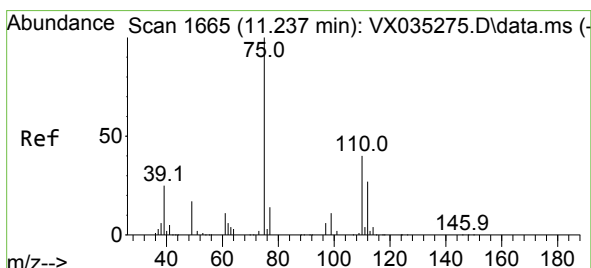
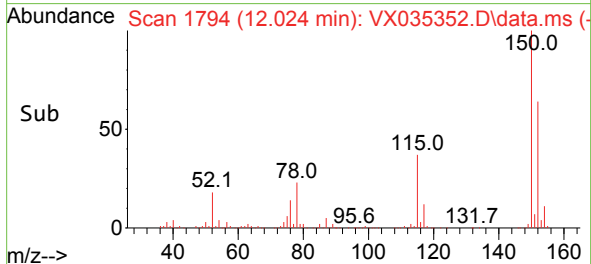
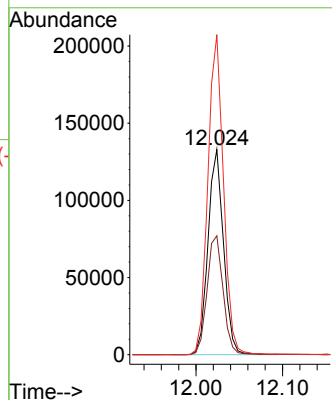
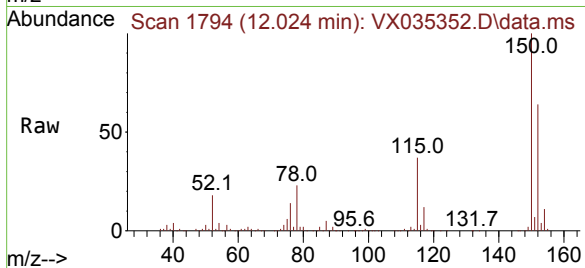
Tgt Ion:152 Resp: 165812

Ion Ratio Lower Upper

152 100

115 59.8 45.0 135.0

150 156.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.546 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035352.D

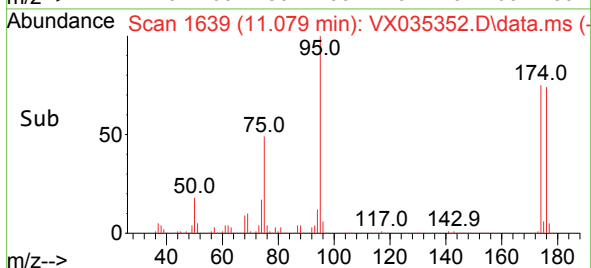
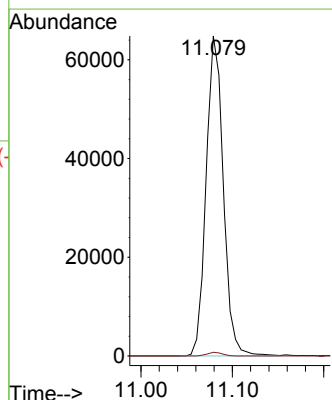
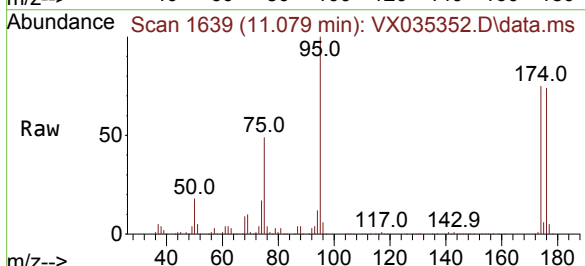
Acq: 27 Apr 2023 19:27

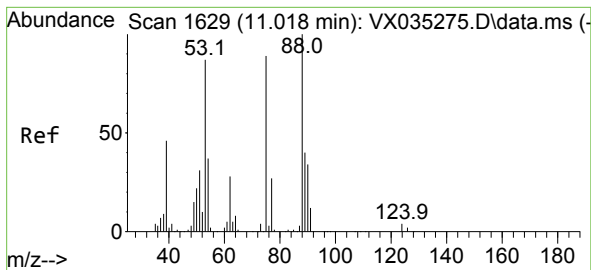
Tgt Ion: 75 Resp: 84496

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.739 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035352.D
 Acq: 27 Apr 2023 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-04IDL

Tgt Ion: 75 Resp: 84496
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.1 36.9 55.3#

