

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034914.D
 Acq On : 01 Apr 2023 09:38
 Operator : JC/MD
 Sample : 02167-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

Quant Time: Apr 03 02:13:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

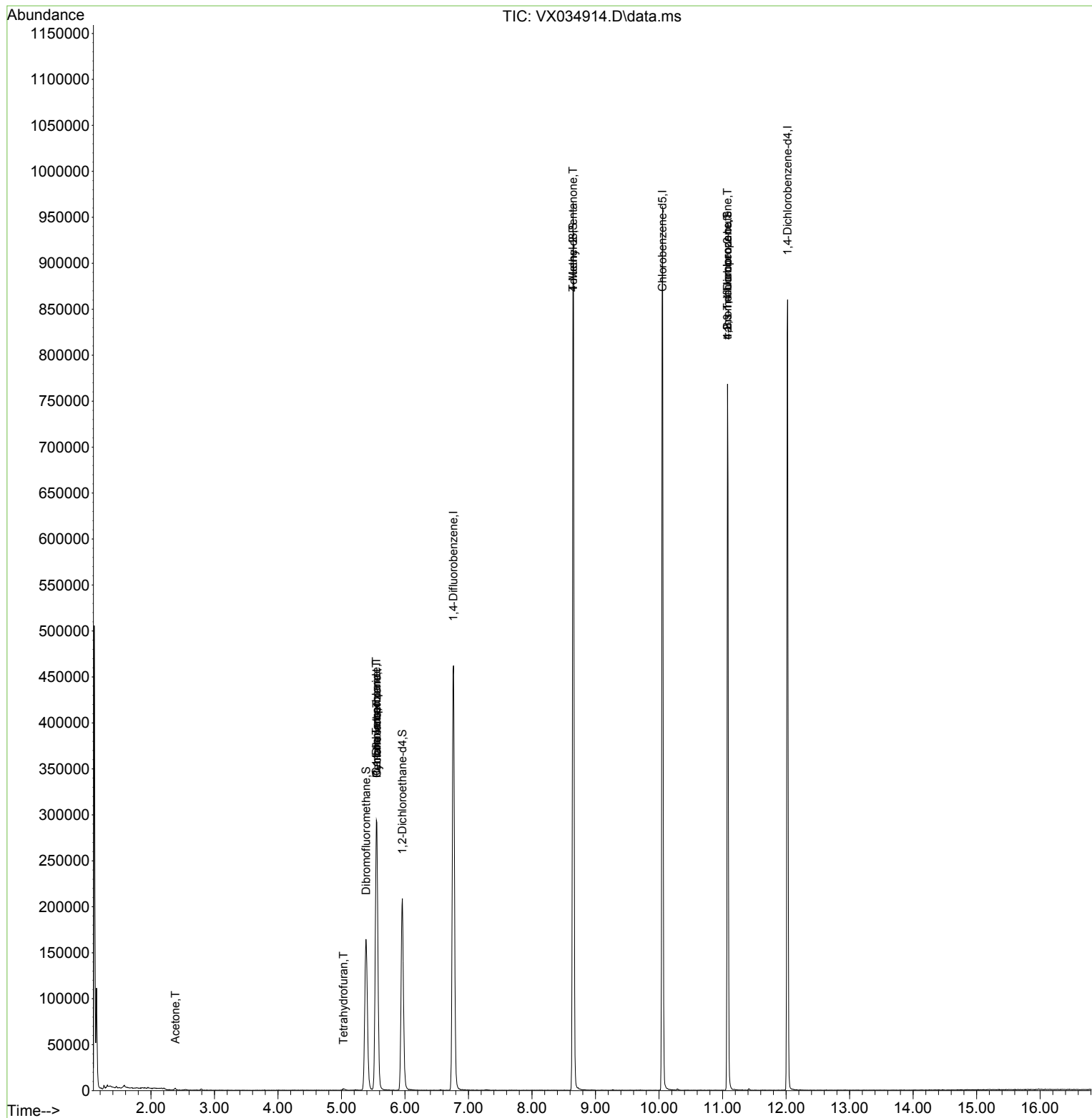
Internal Standards						
1) Pentafluorobenzene	5.556	168	263795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203662	50.482	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.960%		
35) Dibromofluoromethane	5.385	113	143892	47.666	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.340%		
50) Toluene-d8	8.647	98	547114	49.102	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.200%		
62) 4-Bromofluorobenzene	11.079	95	204735	47.482	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.960%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	2027	1.237	ug/l	89
29) Tetrahydrofuran	5.032	42	1588	1.063	ug/l #	61
31) Cyclohexane	5.556	56	6585	1.340	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	23597	5.276	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29079	6.896	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2827	0.611	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109691	31.442	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	109691	94.229	ug/l #	8

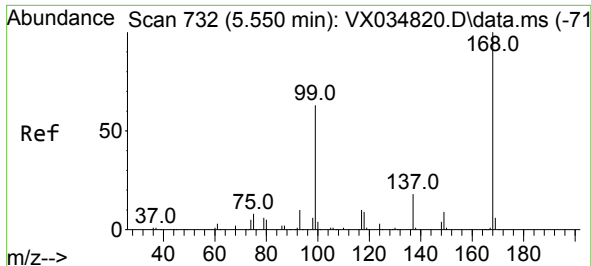
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
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Quant Time: Apr 03 02:13:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

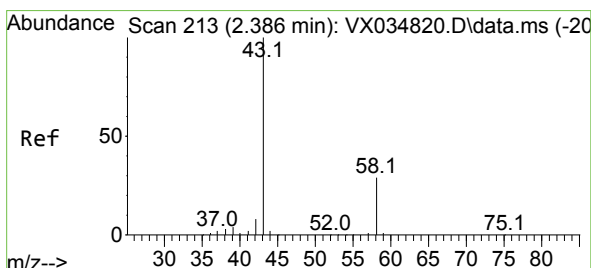
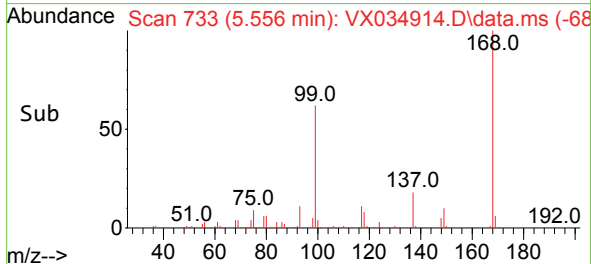
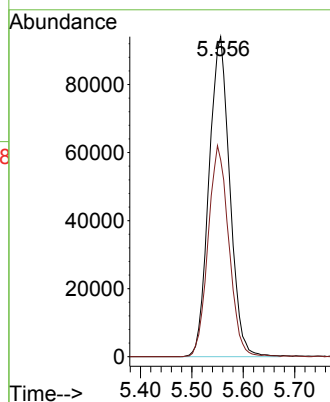
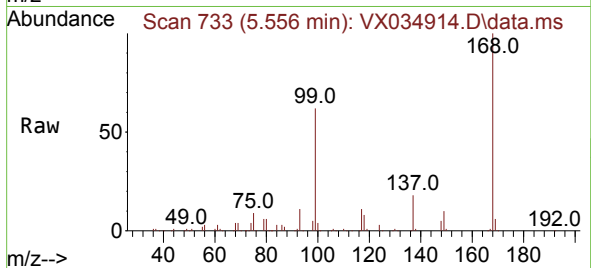




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

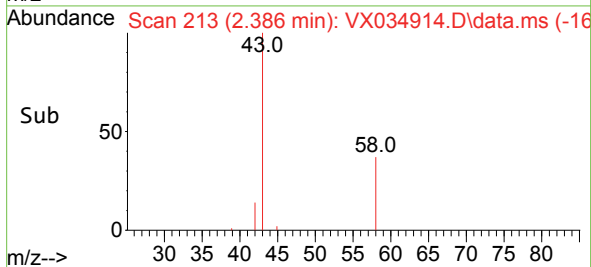
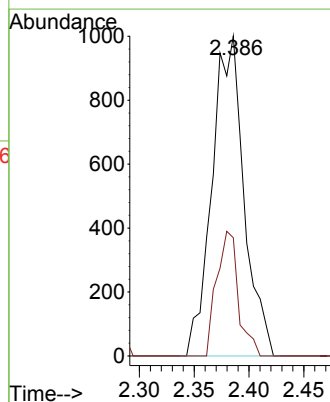
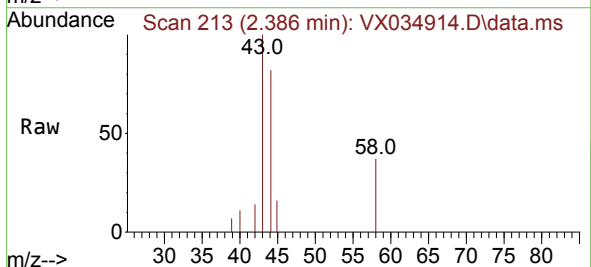
Instrument :
MSVOA_X
ClientSampleId :
TW-1

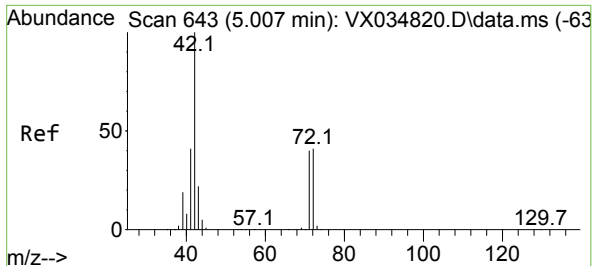
Tgt Ion:168 Resp: 263795
Ion Ratio Lower Upper
168 100
99 61.5 45.7 68.5



#16
Acetone
Concen: 1.237 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 37.0 24.7 37.1





#29

Tetrahydrofuran

Concen: 1.063 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

TW-1

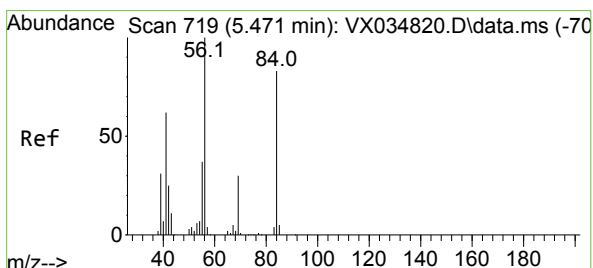
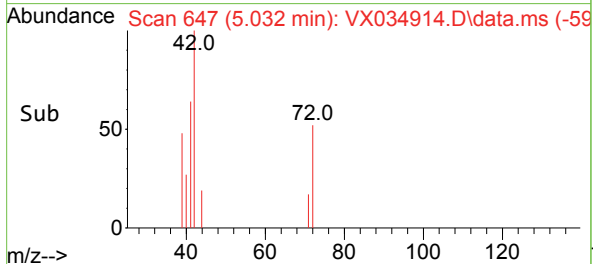
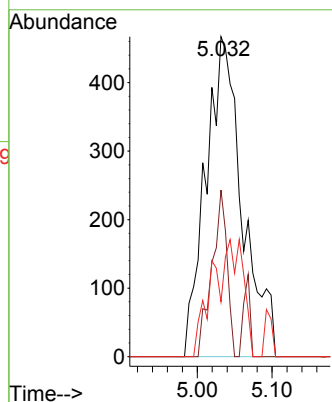
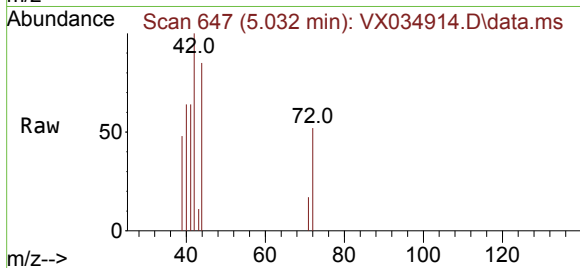
Tgt Ion: 42 Resp: 1588

Ion Ratio Lower Upper

42 100

72 21.5 34.5 51.7#

71 12.3 32.1 48.1#



#31

Cyclohexane

Concen: 1.340 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

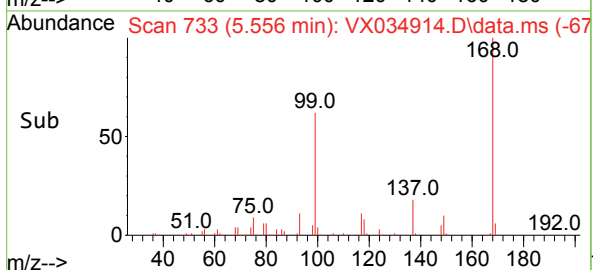
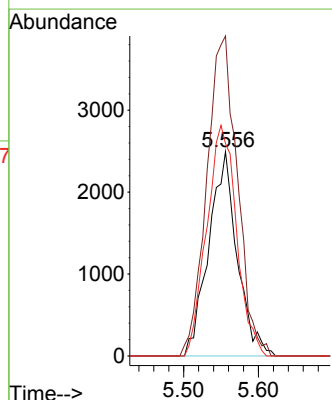
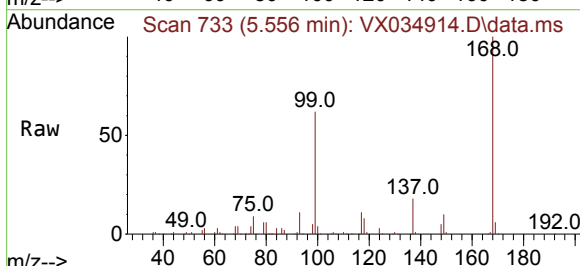
Tgt Ion: 56 Resp: 6585

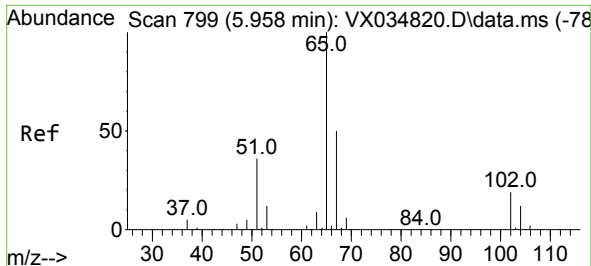
Ion Ratio Lower Upper

56 100

69 156.6 23.7 35.5#

84 104.0 68.5 102.7#

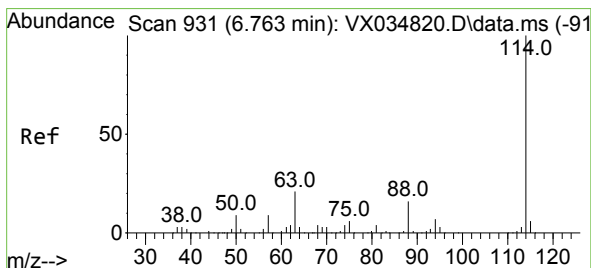
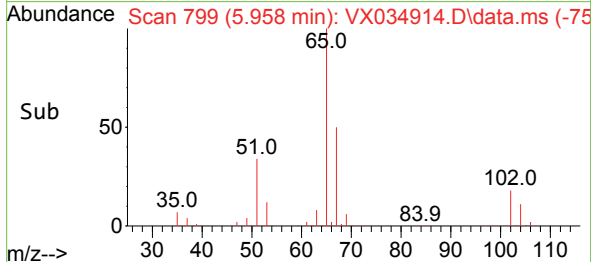
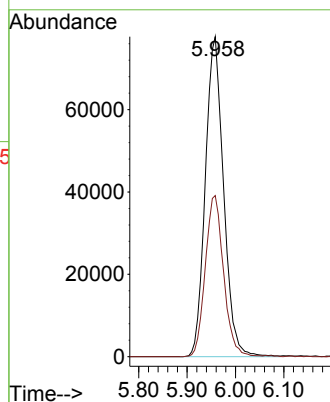
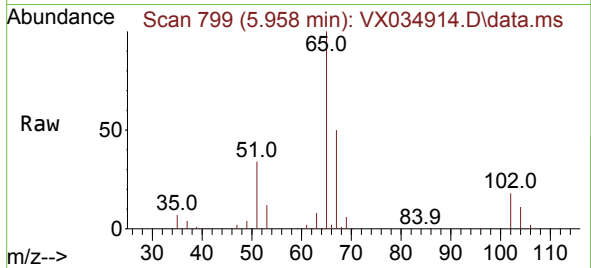




#33
 1,2-Dichloroethane-d4
 Concen: 50.482 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034914.D
 Acq: 01 Apr 2023 09:38

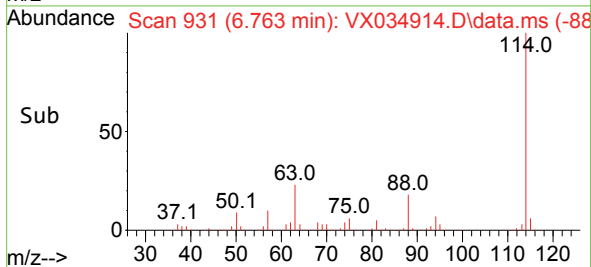
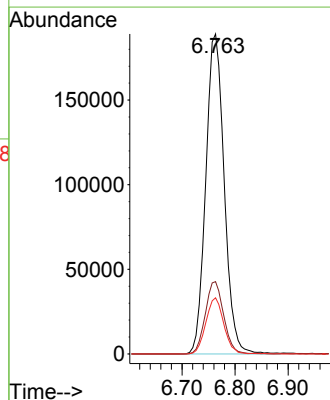
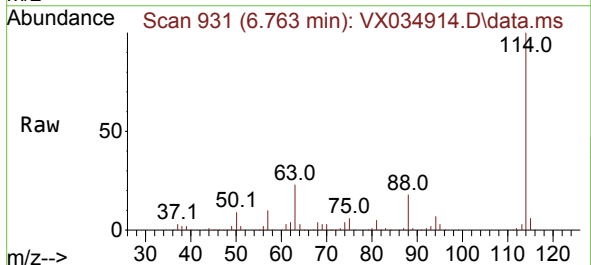
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-1

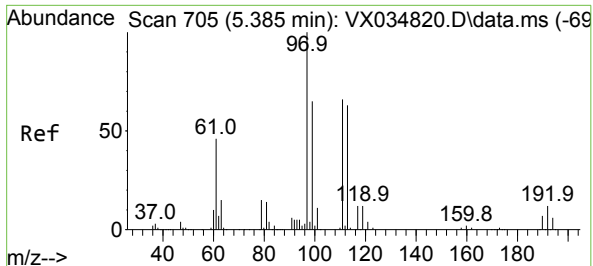
Tgt Ion: 65 Resp: 203662
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034914.D
 Acq: 01 Apr 2023 09:38

Tgt Ion:114 Resp: 456407
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.2
 88 17.6 0.0 33.2

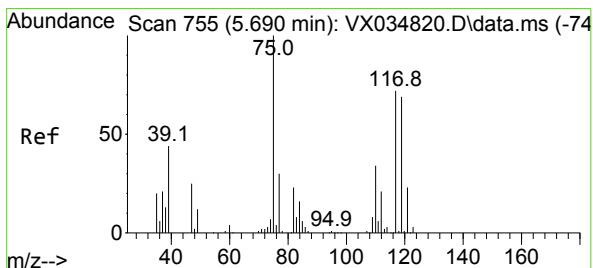
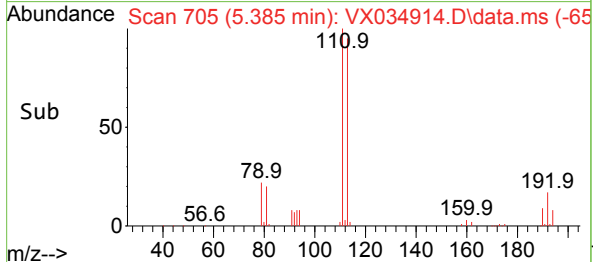
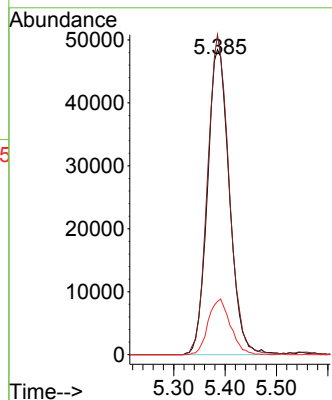
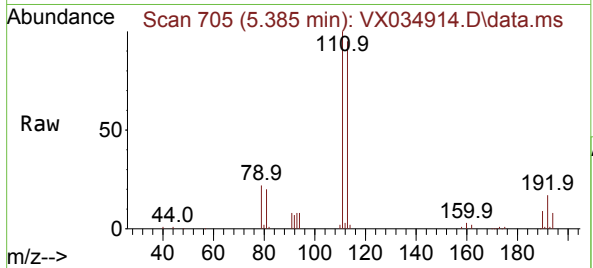




#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

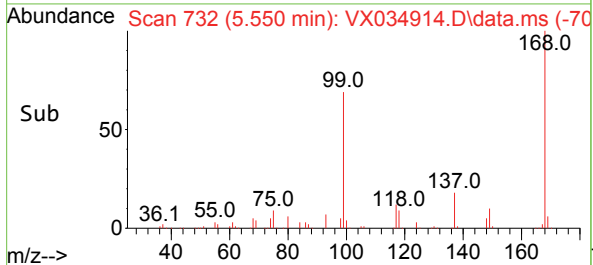
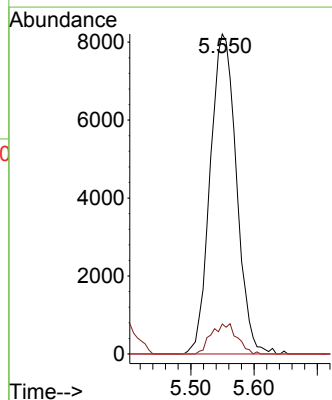
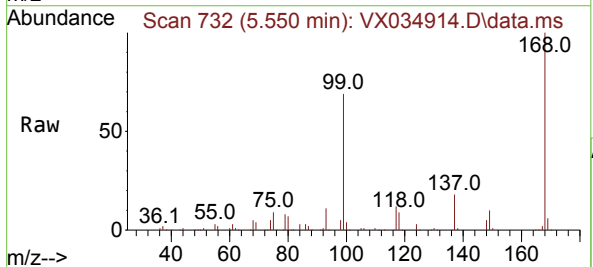
Instrument :
MSVOA_X
ClientSampleId :
TW-1

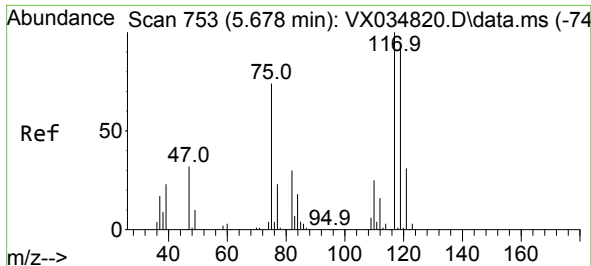
Tgt Ion:113 Resp: 143892
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.276 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

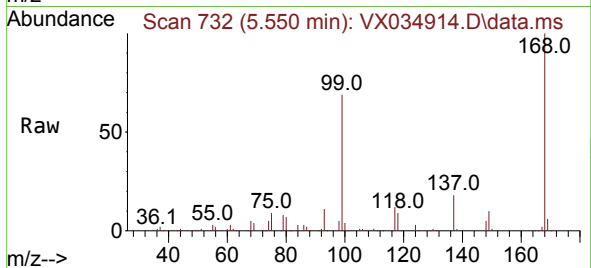
Tgt Ion: 75 Resp: 23597
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



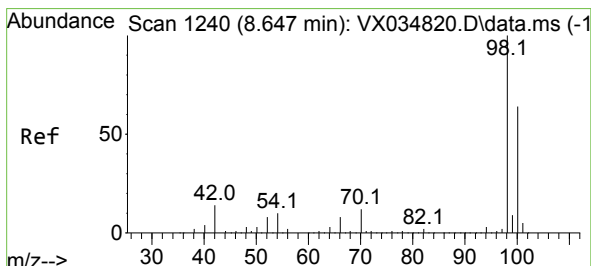
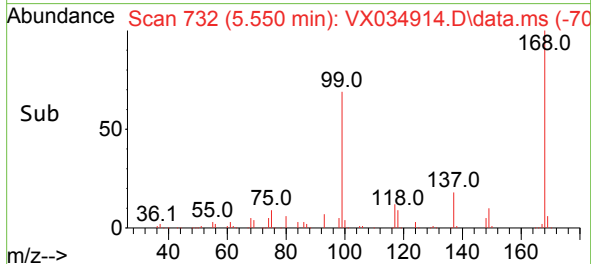
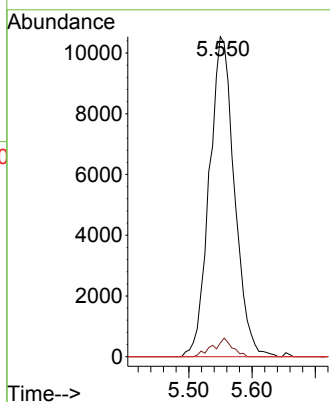


#38
Carbon Tetrachloride
Concen: 6.896 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Instrument :
MSVOA_X
ClientSampleId :
TW-1

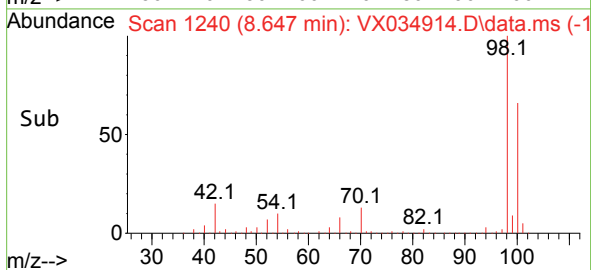
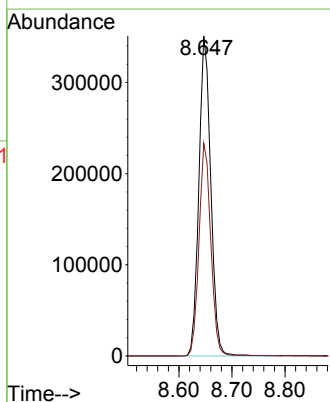
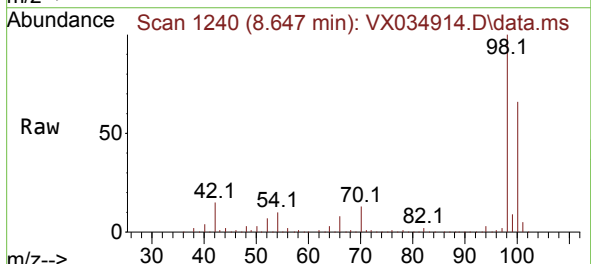


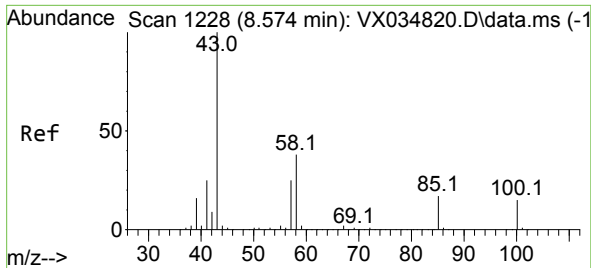
Tgt Ion:117 Resp: 29079
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.102 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Tgt Ion: 98 Resp: 547114
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.611 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

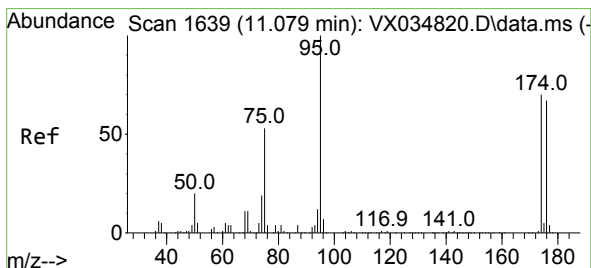
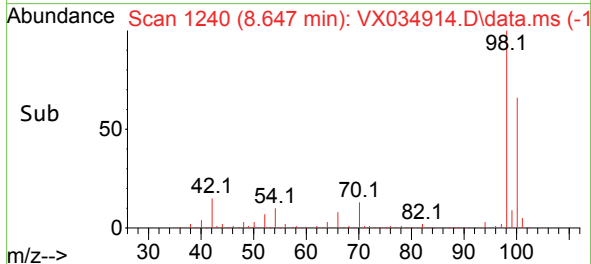
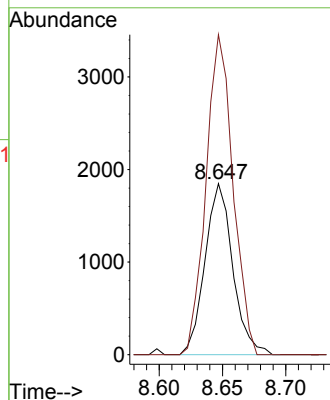
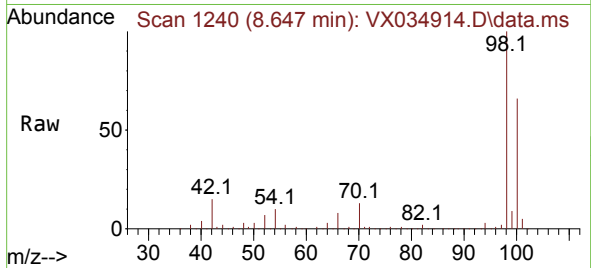
TW-1

Tgt Ion: 43 Resp: 2827

Ion Ratio Lower Upper

43 100

58 181.6 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 47.482 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

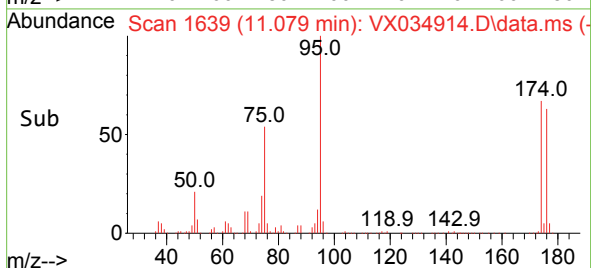
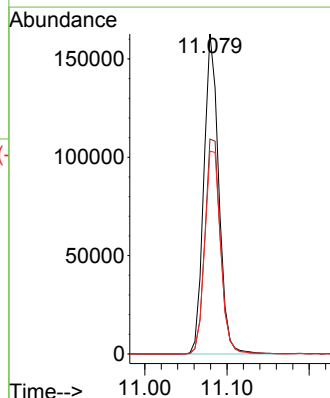
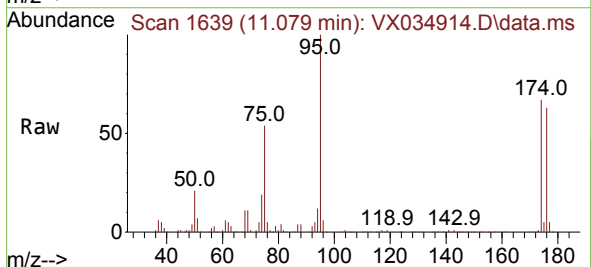
Tgt Ion: 95 Resp: 204735

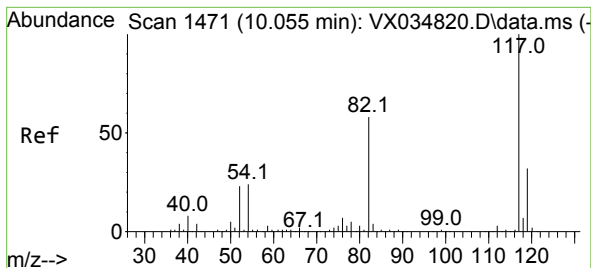
Ion Ratio Lower Upper

95 100

174 70.5 0.0 147.4

176 67.8 0.0 140.6

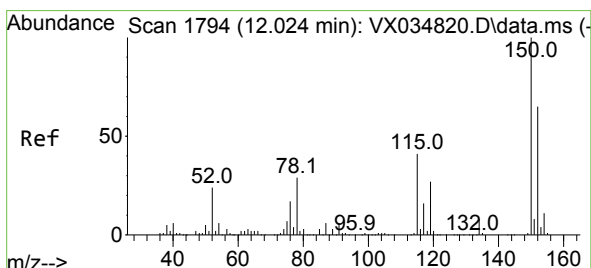
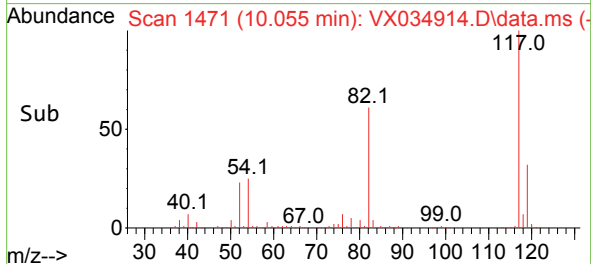
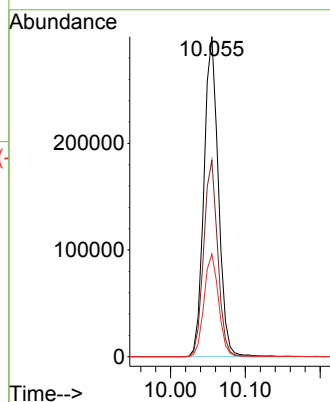
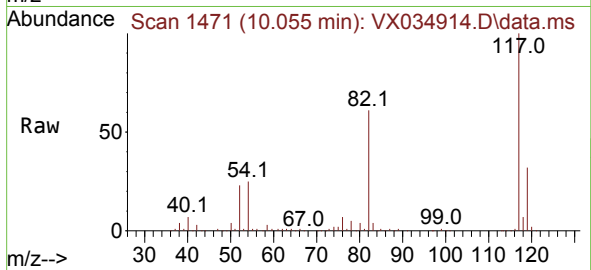




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

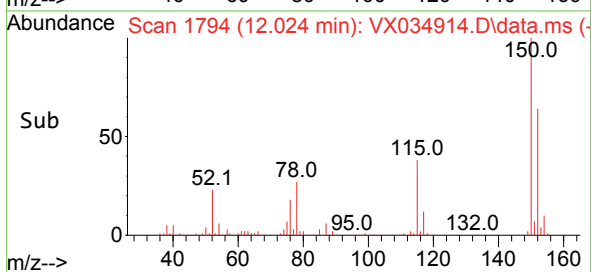
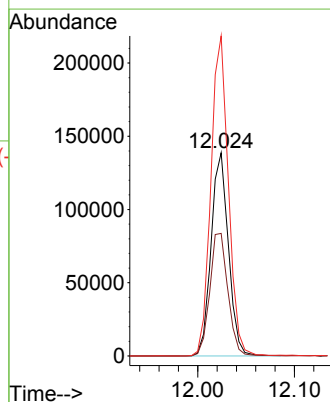
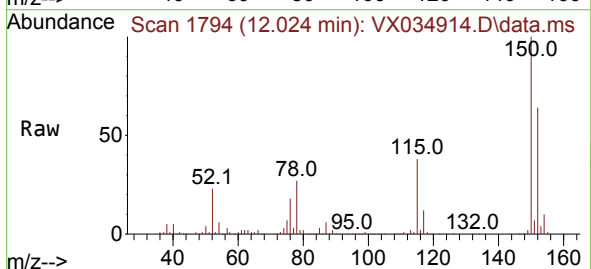
Instrument :
MSVOA_X
ClientSampleId :
TW-1

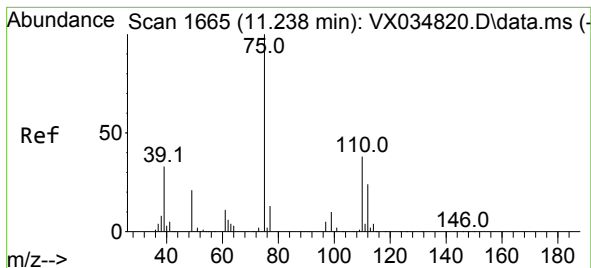
Tgt Ion:117 Resp: 401753
Ion Ratio Lower Upper
117 100
82 61.4 45.0 67.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034914.D
Acq: 01 Apr 2023 09:38

Tgt Ion:152 Resp: 173143
Ion Ratio Lower Upper
152 100
115 63.2 45.0 135.0
150 158.6 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 31.442 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

Instrument :

MSVOA_X

ClientSampleId :

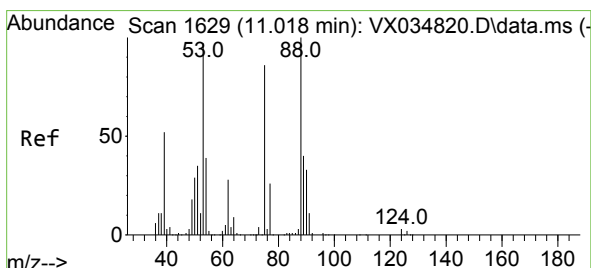
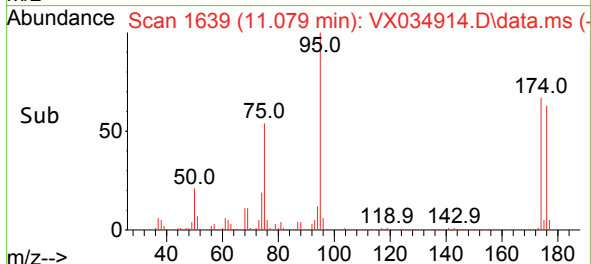
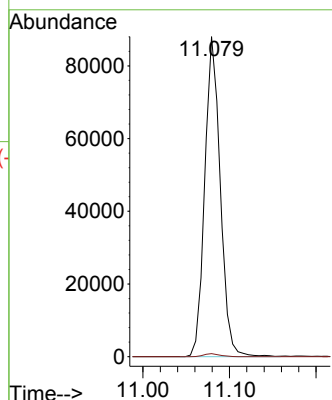
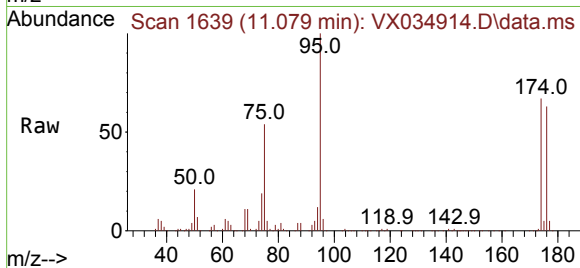
TW-1

Tgt Ion: 75 Resp: 109691

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.229 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034914.D

Acq: 01 Apr 2023 09:38

Tgt Ion: 75 Resp: 109691

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

