

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034909.D
 Acq On : 01 Apr 2023 07:42
 Operator : JC/MD
 Sample : 02159-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-2

Quant Time: Apr 03 02:11:28 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

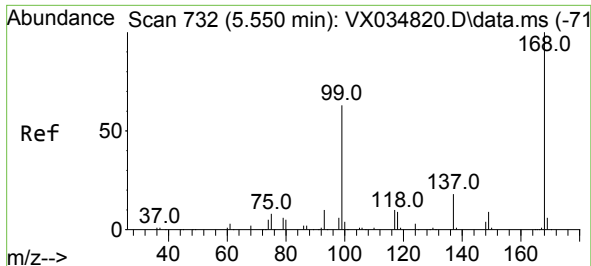
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	265886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205906	50.637	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.280%		
35) Dibromofluoromethane	5.385	113	143182	47.667	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.340%		
50) Toluene-d8	8.647	98	547352	49.368	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.740%		
62) 4-Bromofluorobenzene	11.079	95	205184	47.823	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.640%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1319	0.798	ug/l	97
31) Cyclohexane	5.556	56	6619	1.337	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23335	5.244	ug/l #	51
38) Carbon Tetrachloride	5.550	117	28763	6.855	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2842	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110471	31.060	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110471	93.086	ug/l #	8

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

Quant Time: Apr 03 02:11:28 2023
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Response via : Initial Calibration

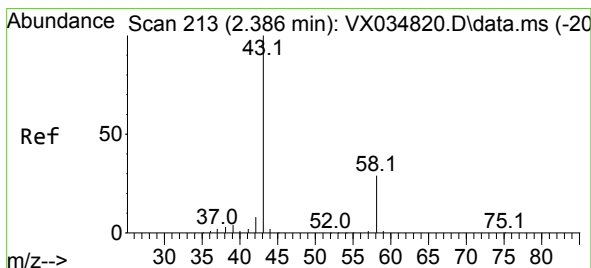
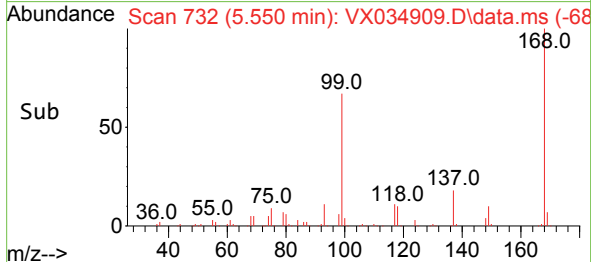
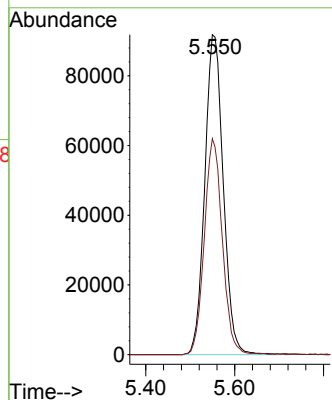
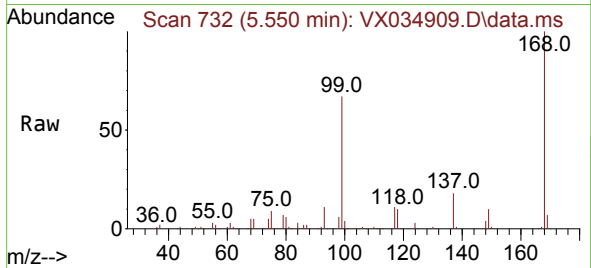




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

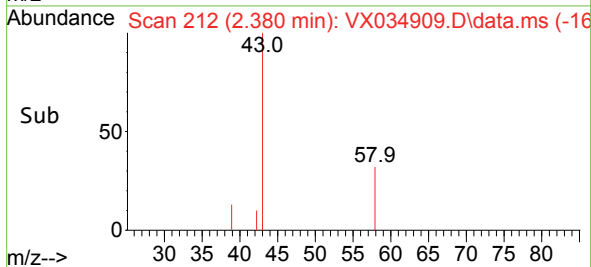
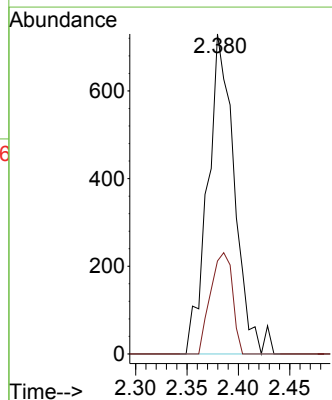
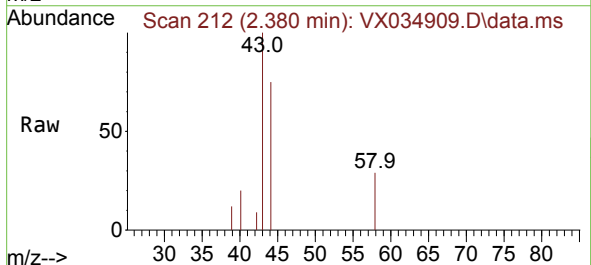
Instrument :
MSVOA_X
ClientSampleId :
MP-2

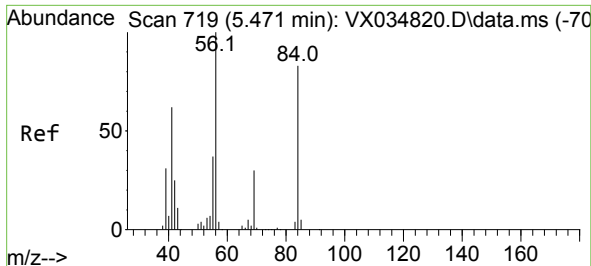
Tgt Ion:168 Resp: 265886
Ion Ratio Lower Upper
168 100
99 67.5 45.7 68.5



#16
Acetone
Concen: 0.798 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

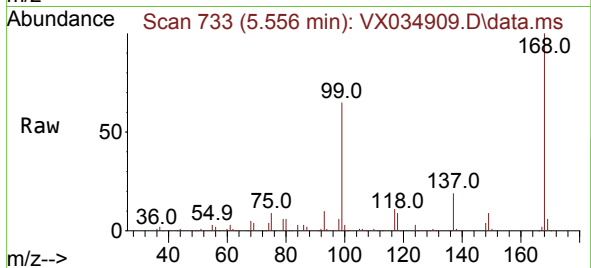
Tgt Ion: 43 Resp: 1319
Ion Ratio Lower Upper
43 100
58 29.0 24.7 37.1



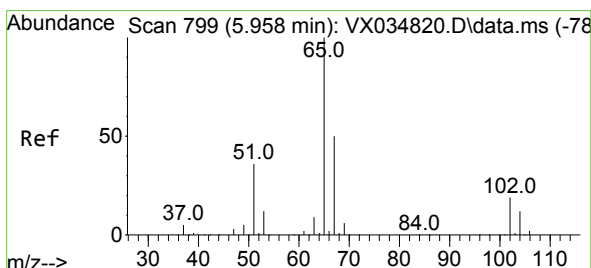
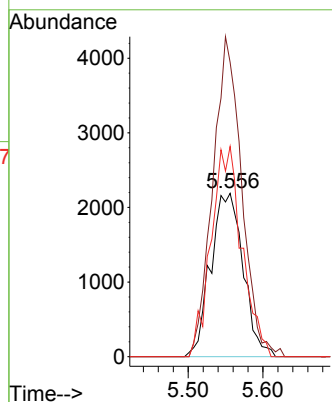
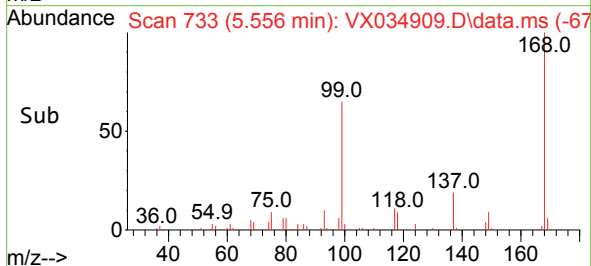


#31
Cyclohexane
Concen: 1.337 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Instrument :
MSVOA_X
ClientSampleId :
MP-2

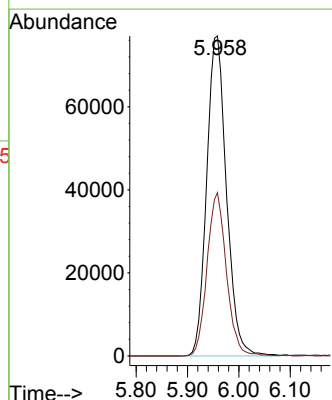
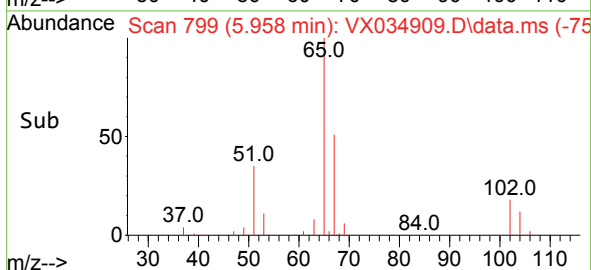
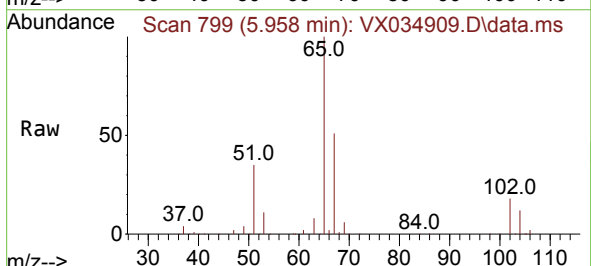


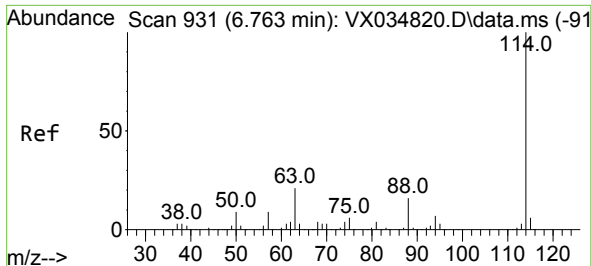
Tgt Ion: 56 Resp: 6619
Ion Ratio Lower Upper
56 100
69 180.2 23.7 35.5#
84 128.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion: 65 Resp: 205906
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX034909.D

Acq: 01 Apr 2023 07:42

Instrument :

MSVOA_X

ClientSampleId :

MP-2

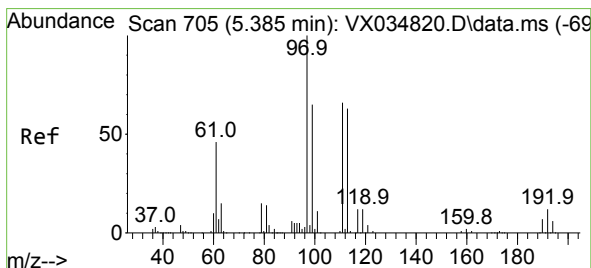
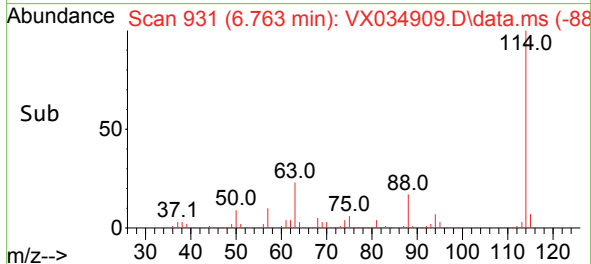
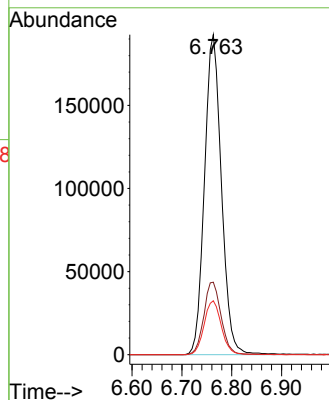
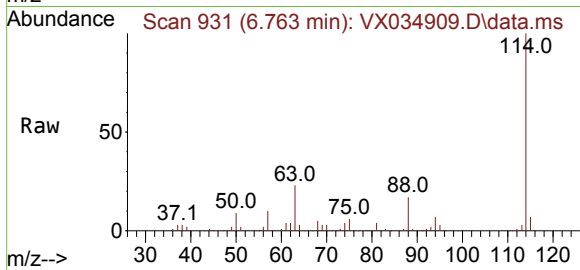
Tgt Ion:114 Resp: 454142

Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.667 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034909.D

Acq: 01 Apr 2023 07:42

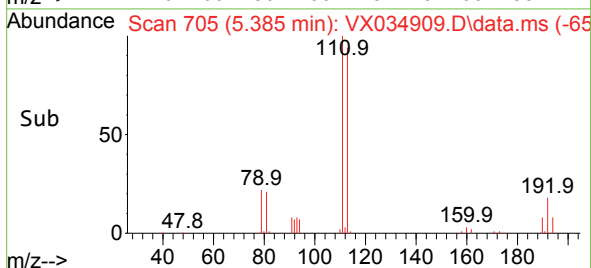
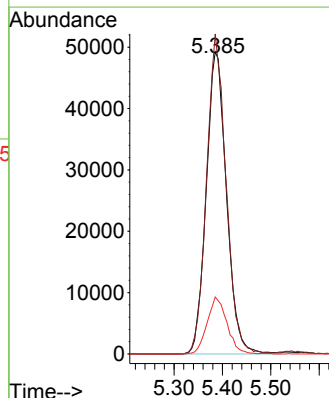
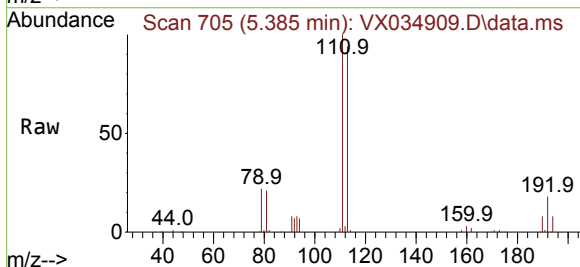
Tgt Ion:113 Resp: 143182

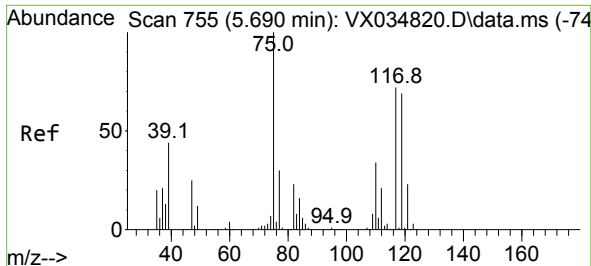
Ion Ratio Lower Upper

113 100

111 102.0 83.7 125.5

192 18.4 15.4 23.2

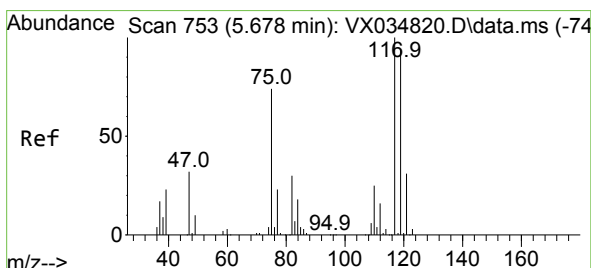
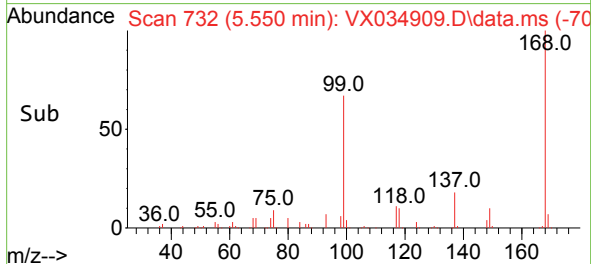
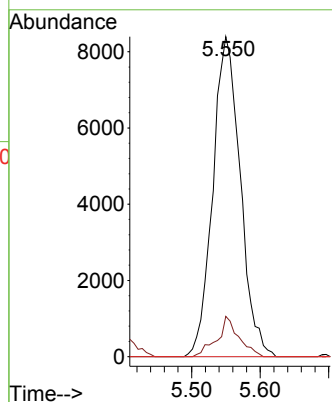
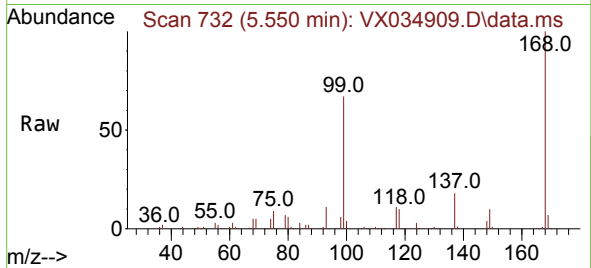




#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

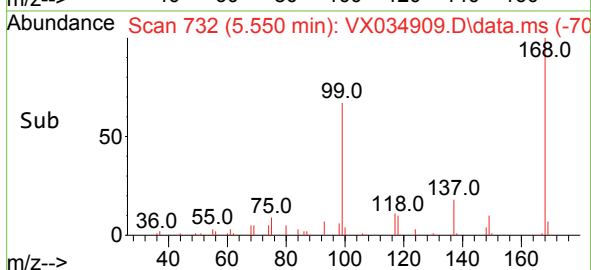
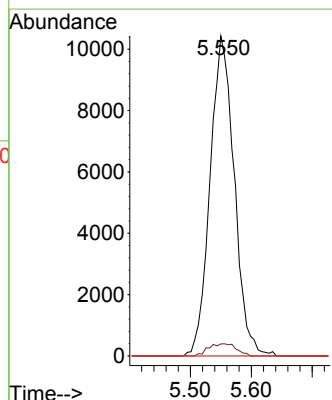
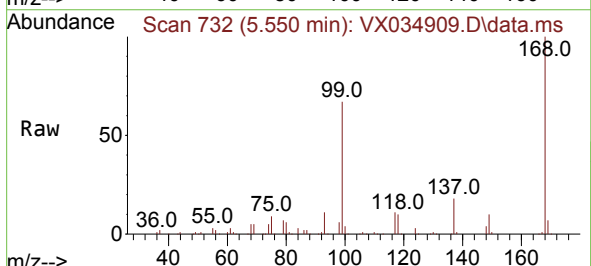
Instrument :
MSVOA_X
ClientSampleId :
MP-2

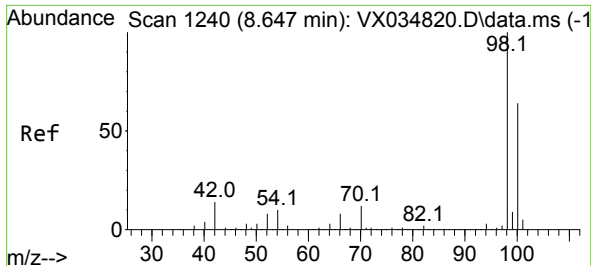
Tgt Ion: 75 Resp: 23335
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.855 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion: 117 Resp: 28763
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#

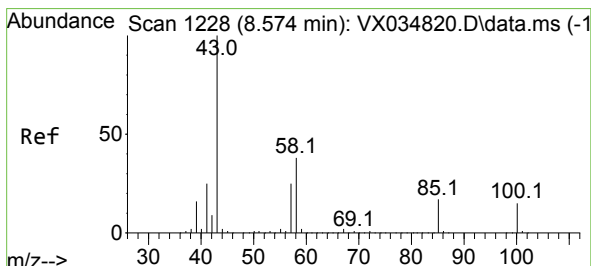
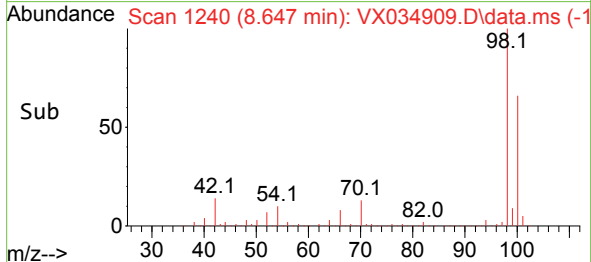
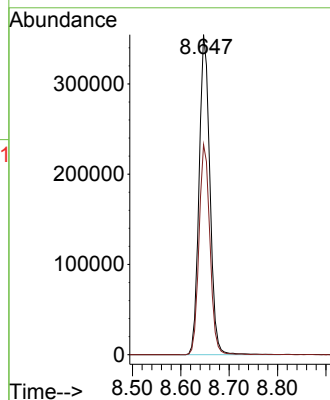
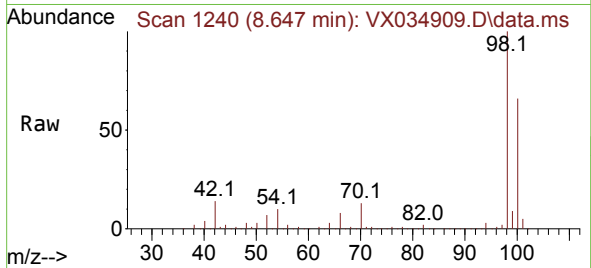




#50
Toluene-d8
Concen: 49.368 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

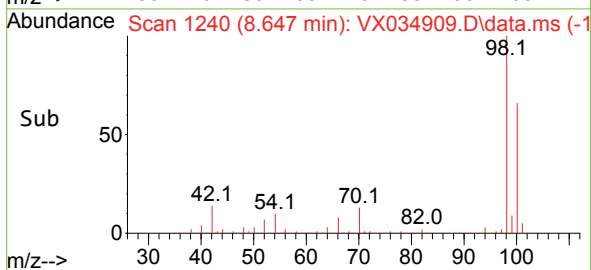
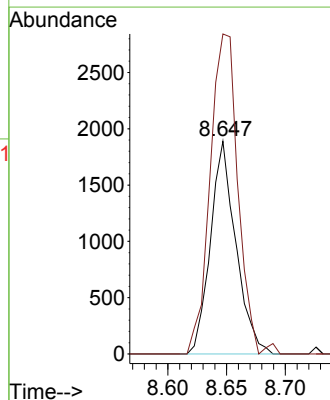
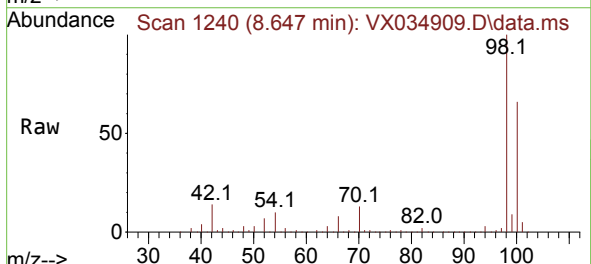
Instrument :
MSVOA_X
ClientSampleId :
MP-2

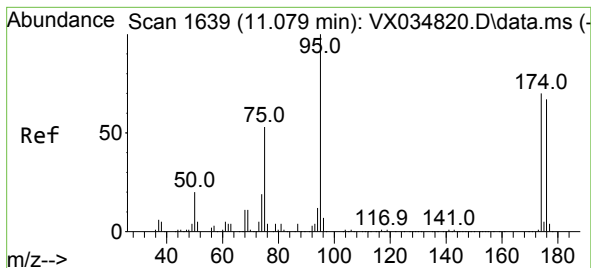
Tgt Ion: 98 Resp: 547352
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 164.3 30.6 46.0#

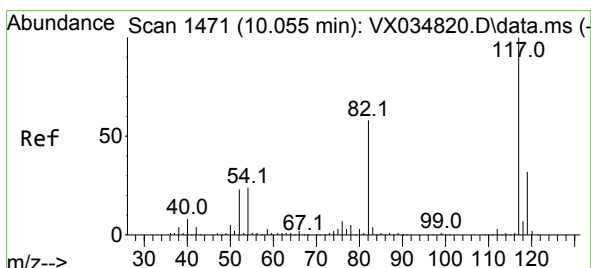
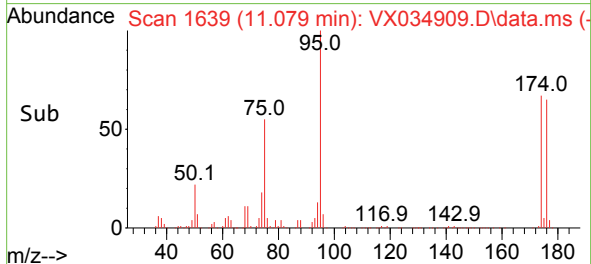
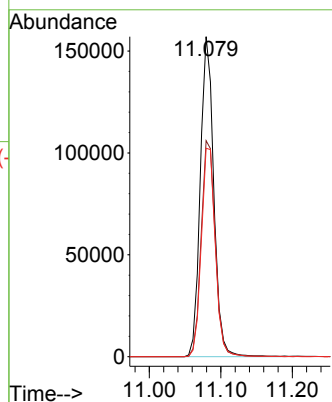
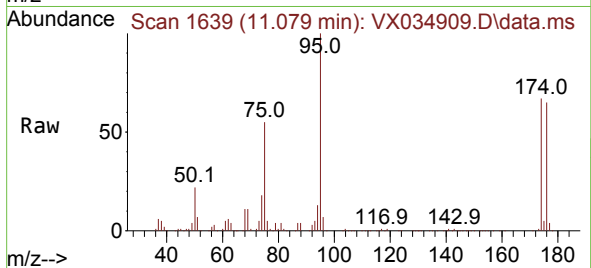




#62
4-Bromofluorobenzene
Concen: 47.823 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

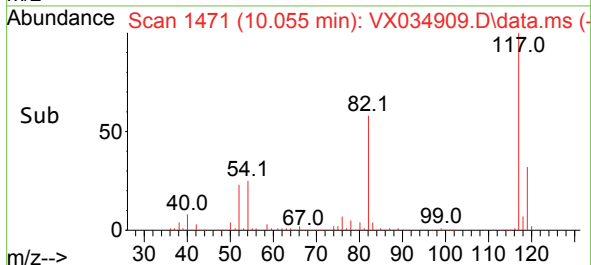
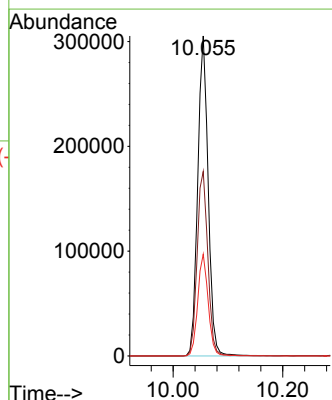
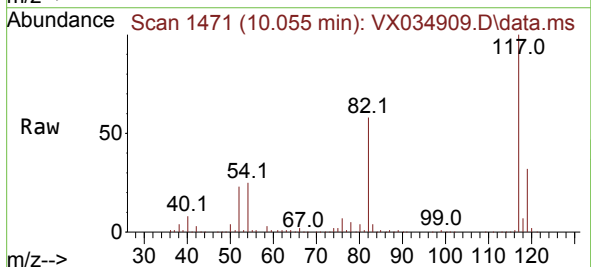
Instrument :
MSVOA_X
ClientSampleId :
MP-2

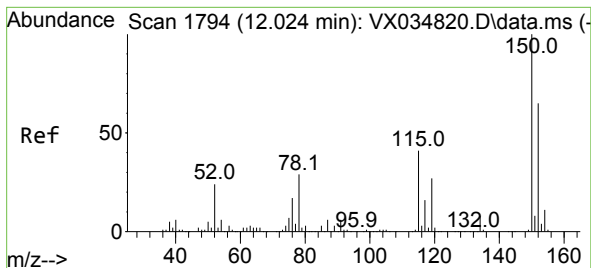
Tgt Ion: 95 Resp: 205184
Ion Ratio Lower Upper
95 100
174 70.4 0.0 147.4
176 67.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034909.D
Acq: 01 Apr 2023 07:42

Tgt Ion: 117 Resp: 405857
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 31.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034909.D

Acq: 01 Apr 2023 07:42

Instrument :

MSVOA_X

ClientSampleId :

MP-2

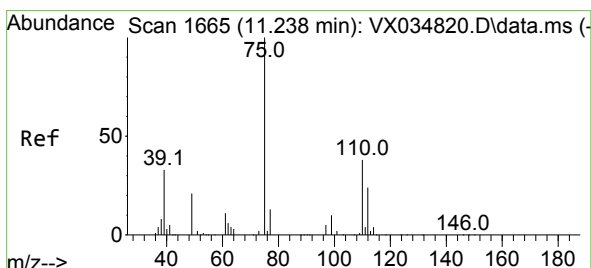
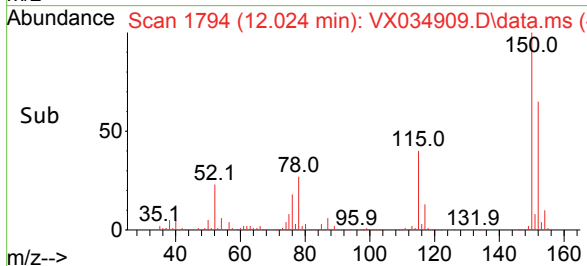
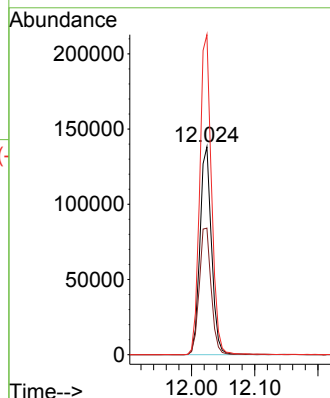
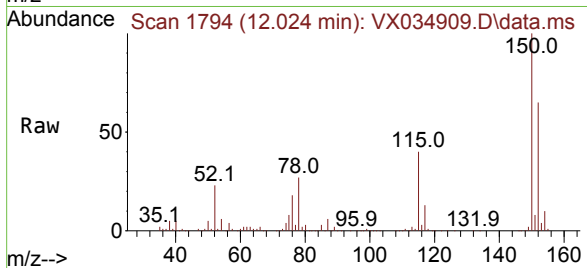
Tgt Ion:152 Resp: 176515

Ion Ratio Lower Upper

152 100

115 62.7 45.0 135.0

150 156.4 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 31.060 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034909.D

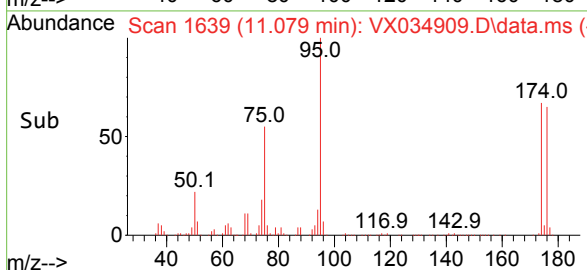
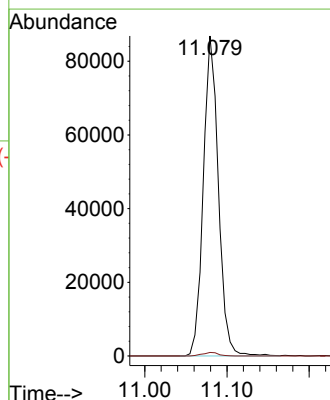
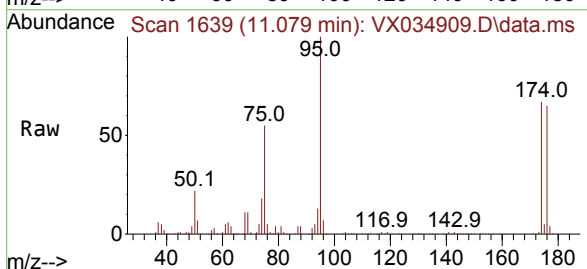
Acq: 01 Apr 2023 07:42

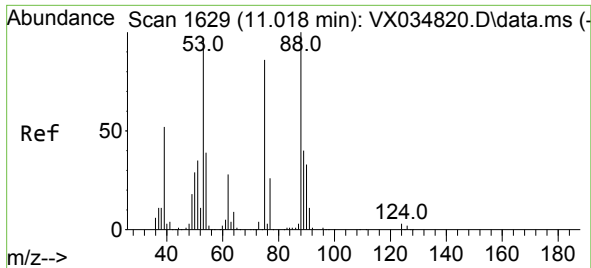
Tgt Ion: 75 Resp: 110471

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.086 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034909.D
 Acq: 01 Apr 2023 07:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-2

Tgt Ion: 75 Resp: 110471
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

