

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040355.D
 Acq On : 20 Feb 2024 14:39
 Operator : JC/MD
 Sample : P1440-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB020724GW

Quant Time: Feb 21 01:14:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

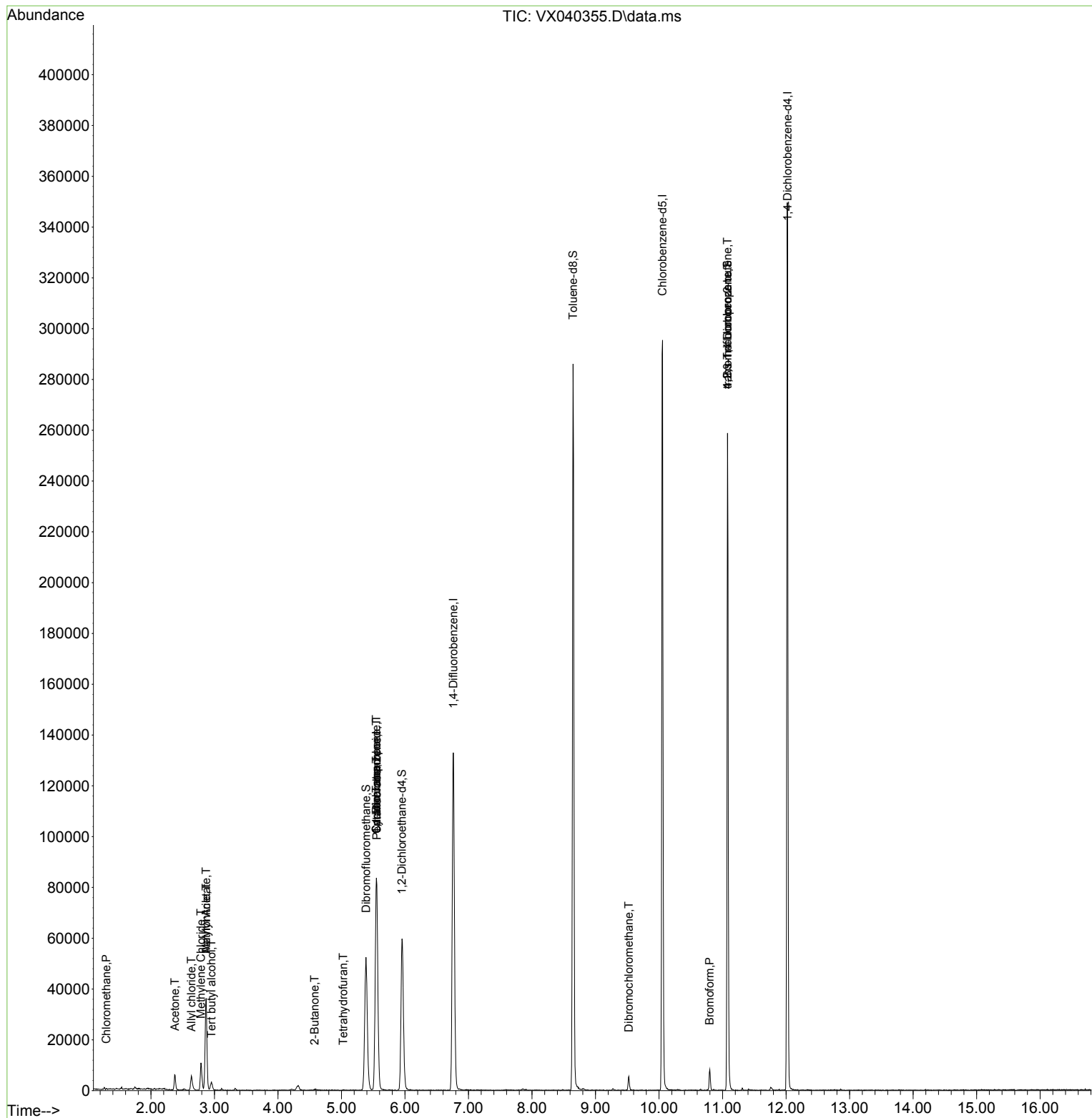
Internal Standards						
1) Pentafluorobenzene	5.556	168	74873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58878	52.858	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.720%			
35) Dibromofluoromethane	5.385	113	44318	48.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.100%			
50) Toluene-d8	8.647	98	164064	47.554	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.100%			
62) 4-Bromofluorobenzene	11.079	95	65373	46.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	248	0.284	ug/l #	75
11) Tert butyl alcohol	2.953	59	3389	15.620	ug/l	96
14) Allyl chloride	2.636	41	5950	4.485	ug/l #	43
15) Acrylonitrile	2.867	53	866	1.784	ug/l #	26
16) Acetone	2.380	43	6349	13.878	ug/l	99
18) Methyl Acetate	2.867	43	978	0.797	ug/l #	53
20) Methylene Chloride	2.788	84	4786	4.117	ug/l	97
25) 2-Butanone	4.574	43	848	1.186	ug/l #	84
29) Tetrahydrofuran	5.025	42	178	0.382	ug/l #	44
31) Cyclohexane	5.550	56	1962	1.477	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6579	5.092	ug/l #	54
38) Carbon Tetrachloride	5.550	117	8371	6.814	ug/l #	16
60) Dibromochloromethane	9.525	129	1755	1.707	ug/l	90
71) Bromoform	10.799	173	2868	5.171	ug/l #	99
76) 1,2,3-Trichloropropane	11.079	75	36941	26.421	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36941	72.475	ug/l #	5

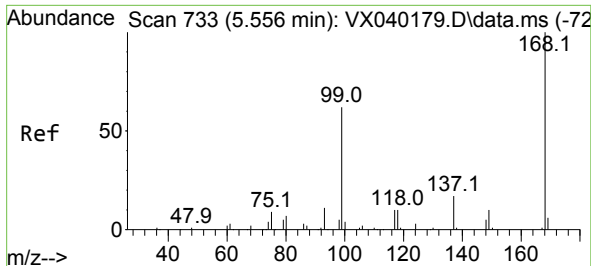
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
Data File : VX040355.D
Acq On : 20 Feb 2024 14:39
Operator : JC/MD
Sample : P1440-06RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

Quant Time: Feb 21 01:14:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

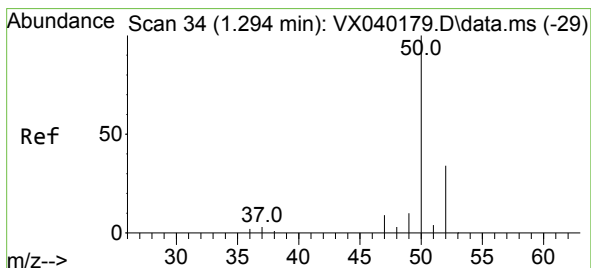
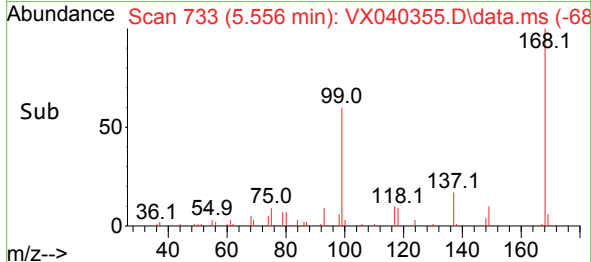
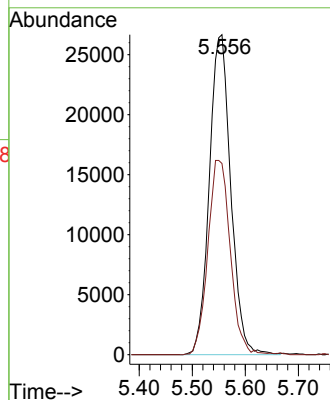
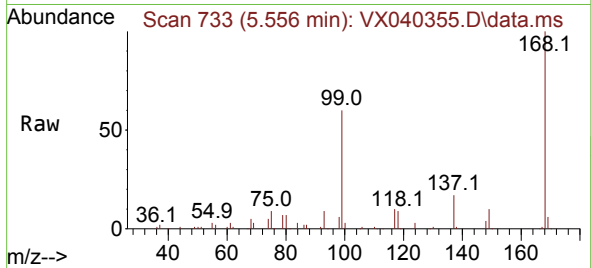




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

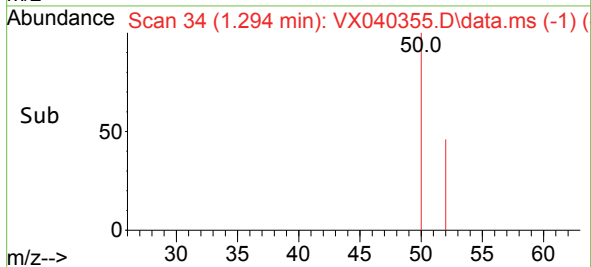
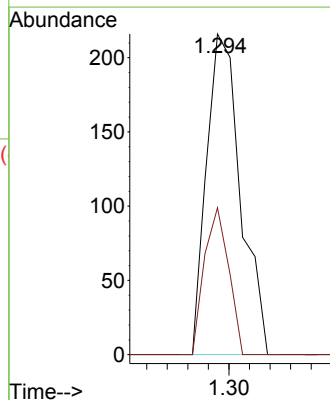
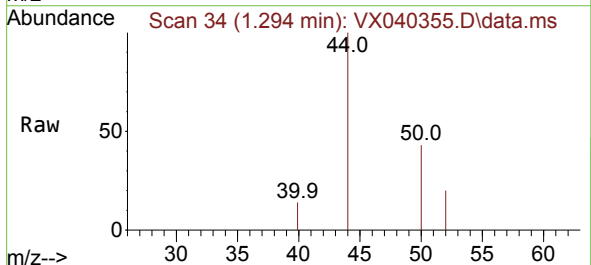
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

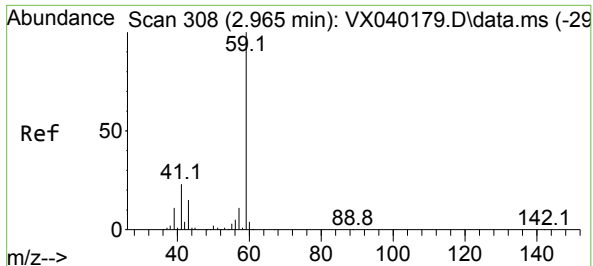
Tgt Ion:168 Resp: 74873
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 50 Resp: 248
Ion Ratio Lower Upper
50 100
52 45.8 25.5 38.3#





#11

Tert butyl alcohol

Concen: 15.620 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX040355.D

Acq: 20 Feb 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

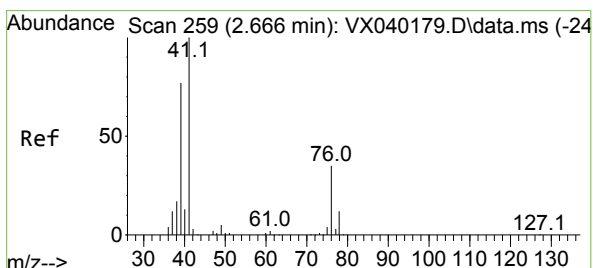
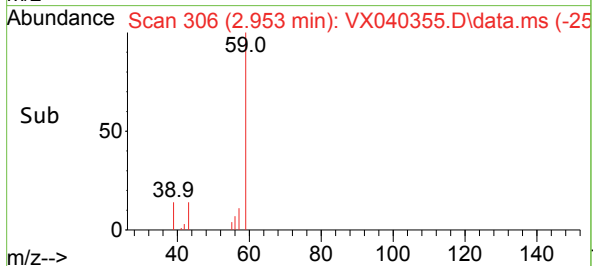
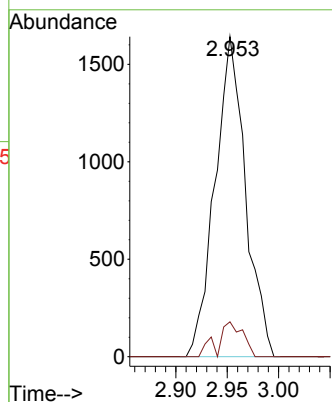
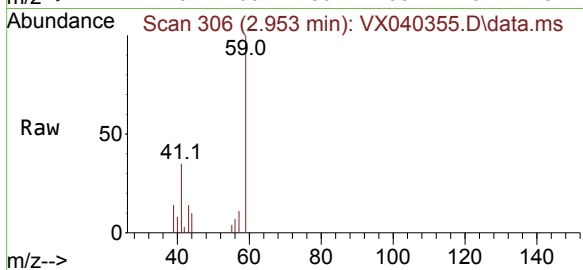
FB020724GW

Tgt Ion: 59 Resp: 3389

Ion Ratio Lower Upper

59 100

57 8.9 6.0 9.0



#14

Allyl chloride

Concen: 4.485 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.024 min

Lab File: VX040355.D

Acq: 20 Feb 2024 14:39

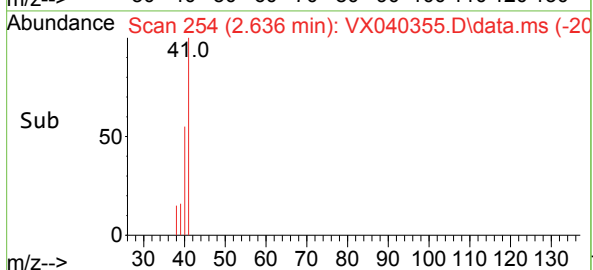
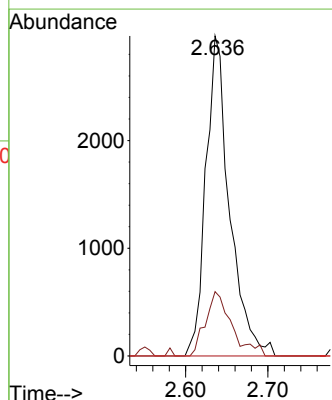
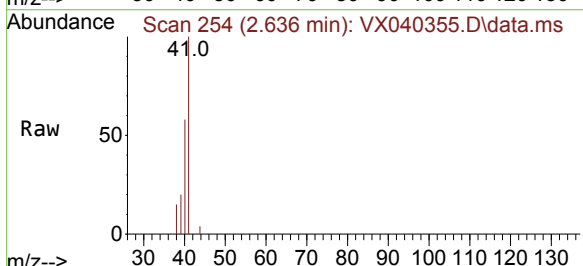
Tgt Ion: 41 Resp: 5950

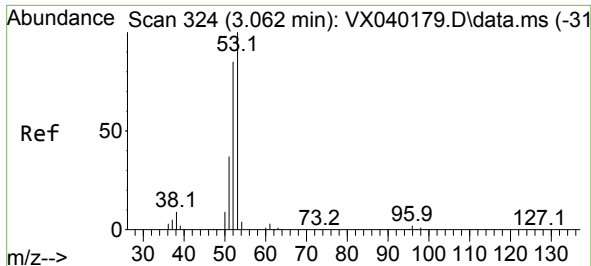
Ion Ratio Lower Upper

41 100

39 22.2 55.8 83.6#

76 0.0 24.3 36.5#

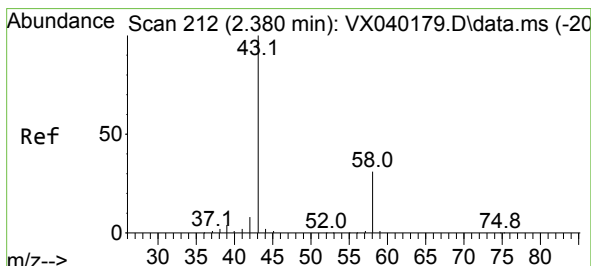
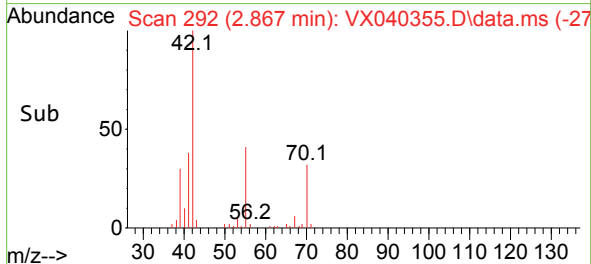
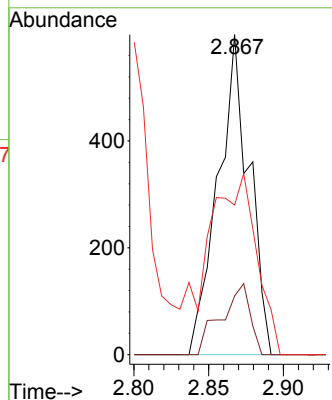
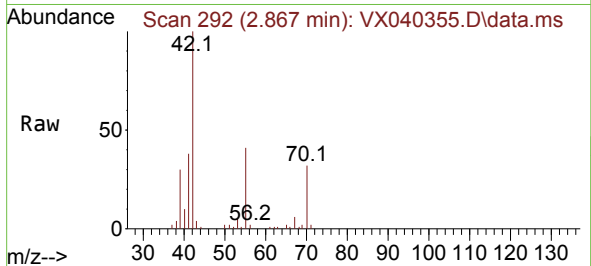




#15
Acrylonitrile
Concen: 1.784 ug/l
RT: 2.867 min Scan# 215
Delta R.T. -0.195 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

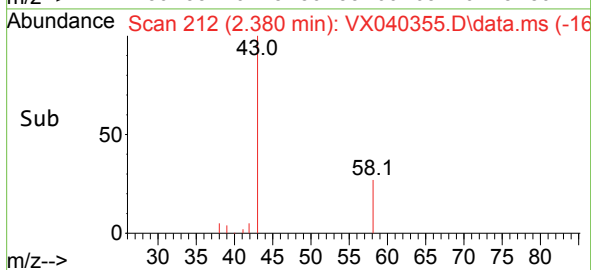
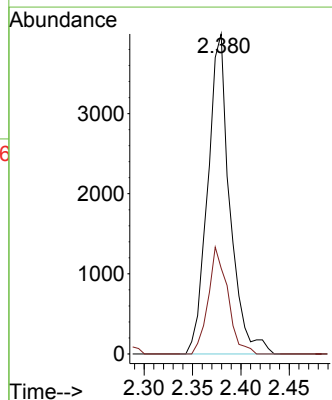
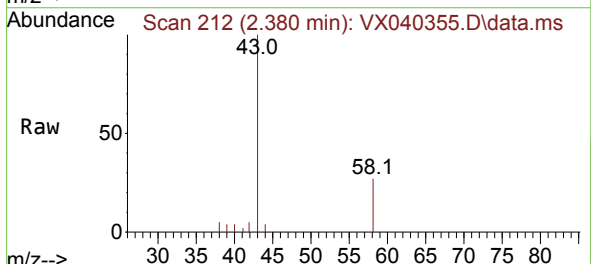
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

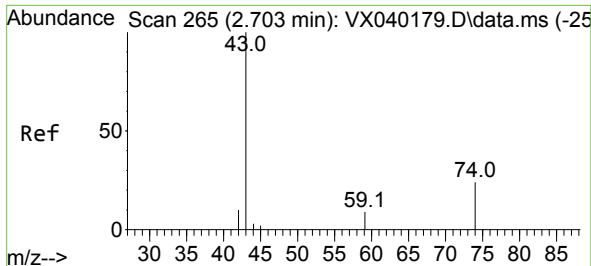
Tgt Ion: 53 Resp: 866
Ion Ratio Lower Upper
53 100
52 20.8 66.0 99.0#
51 88.5 29.8 44.6#



#16
Acetone
Concen: 13.878 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 43 Resp: 6349
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9

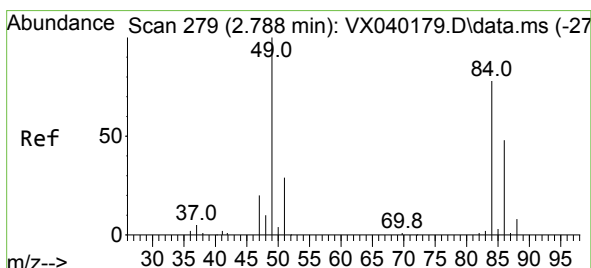
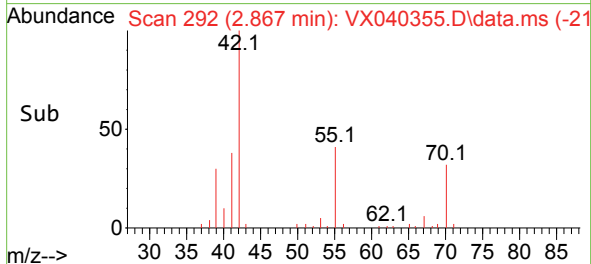
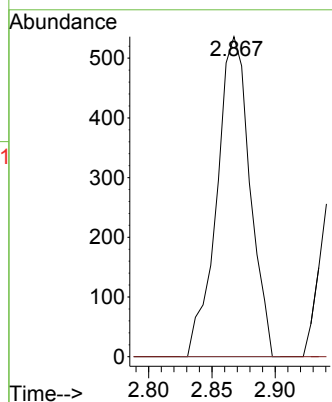
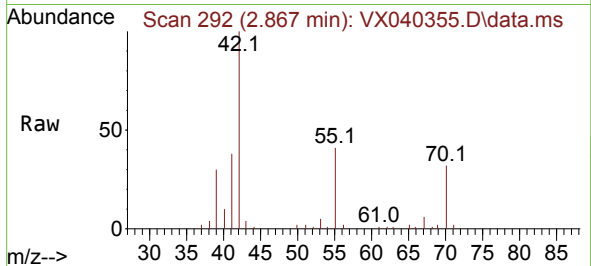




#18
Methyl Acetate
Concen: 0.797 ug/l
RT: 2.867 min Scan# 292
Delta R.T. 0.165 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

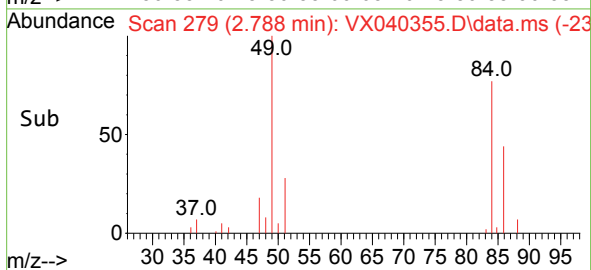
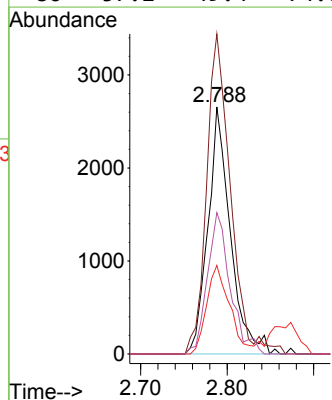
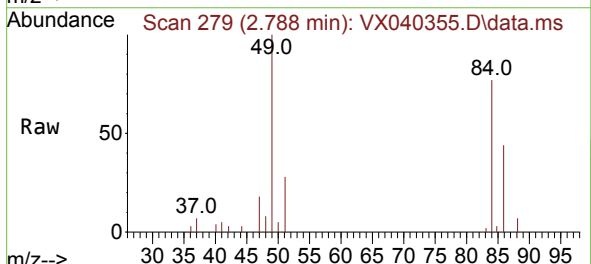
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

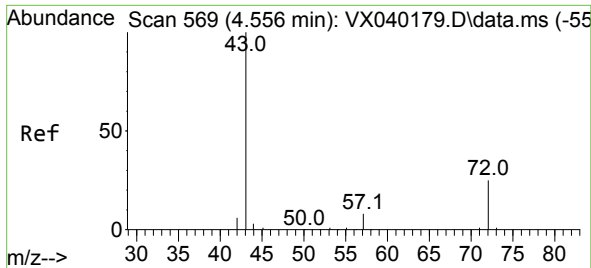
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 4.117 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 84 Resp: 4786
Ion Ratio Lower Upper
84 100
49 129.5 103.6 155.4
51 35.8 33.8 50.6
86 57.2 49.4 74.0

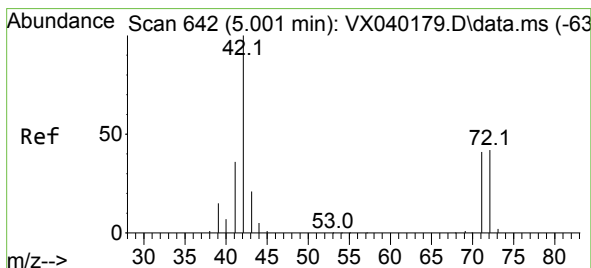
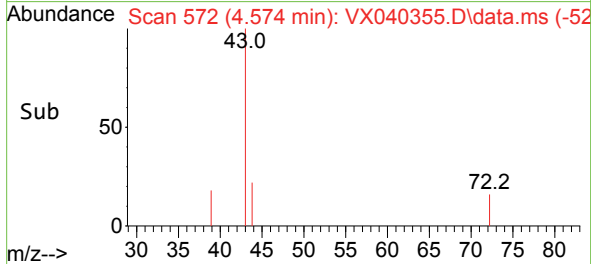
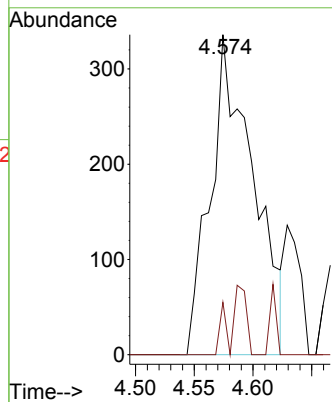
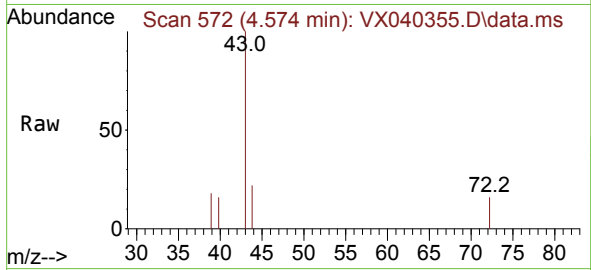




#25
2-Butanone
Concen: 1.186 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

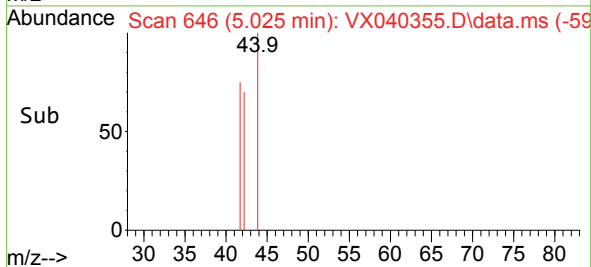
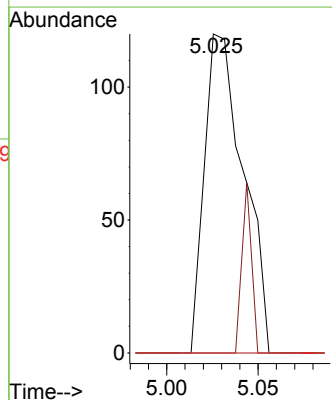
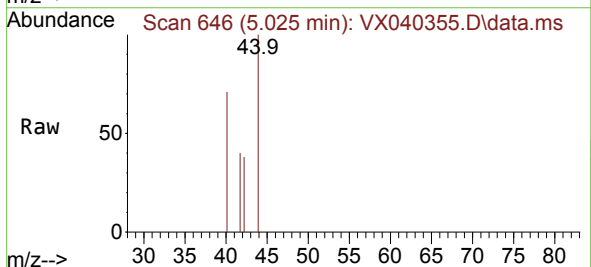
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

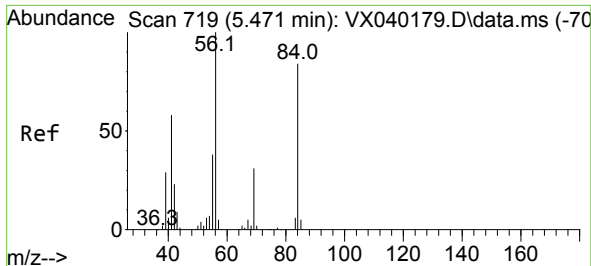
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
72 16.4 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.382 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

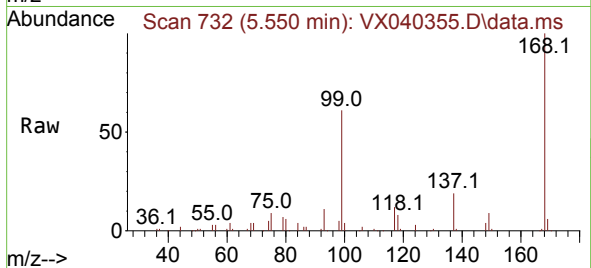
Tgt Ion: 42 Resp: 178
Ion Ratio Lower Upper
42 100
72 12.9 34.2 51.4#
71 0.0 32.2 48.2#



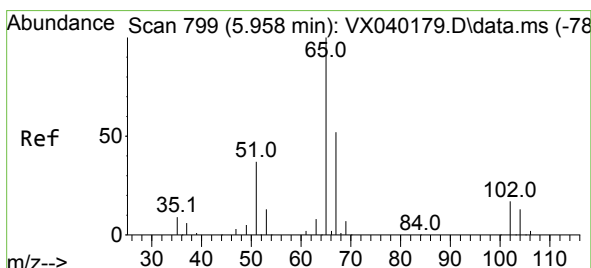
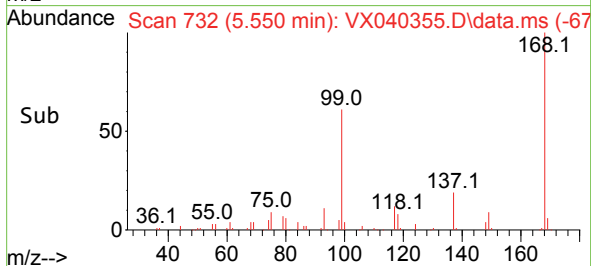
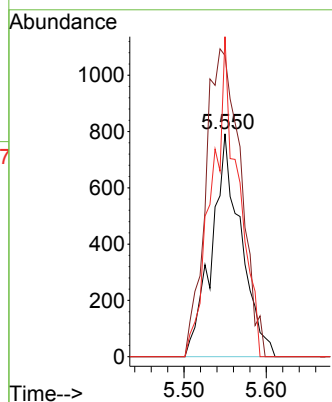


#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

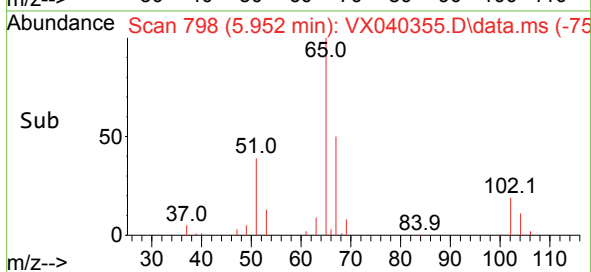
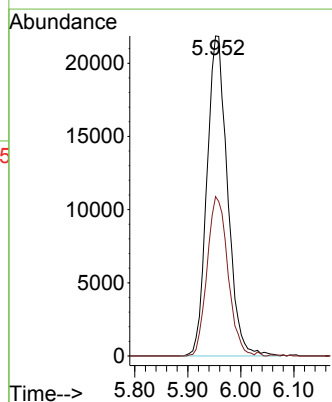
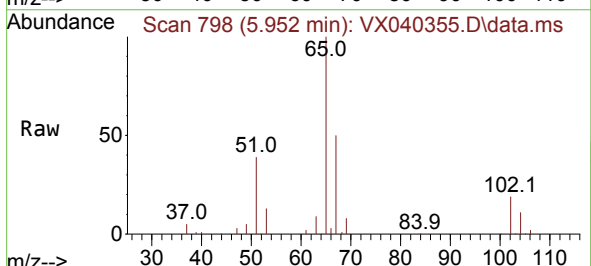


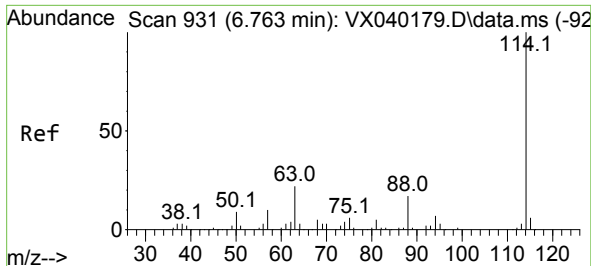
Tgt Ion: 56 Resp: 1962
Ion Ratio Lower Upper
56 100
69 135.1 23.4 35.2#
84 143.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.858 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 65 Resp: 58878
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

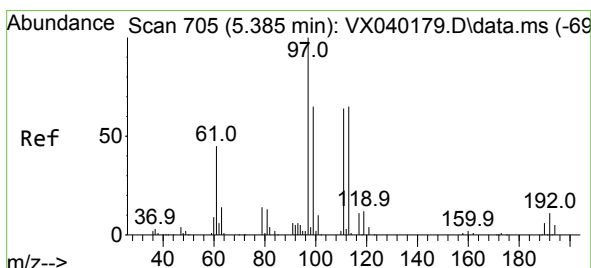
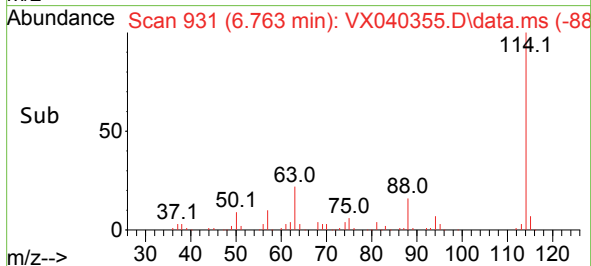
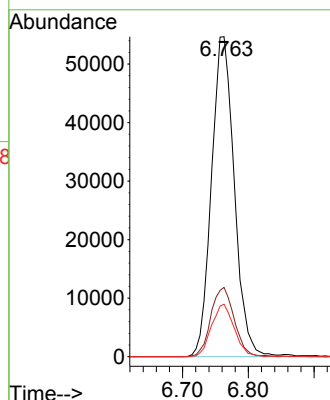
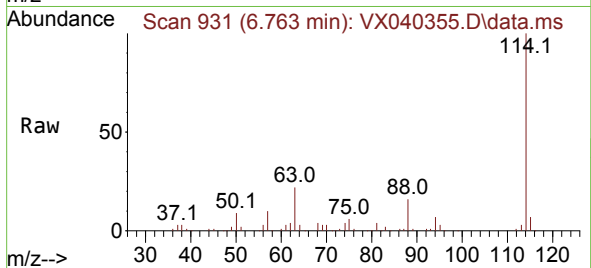




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

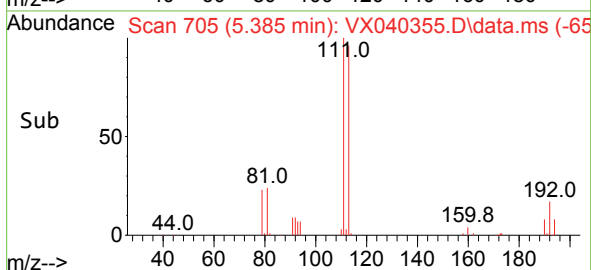
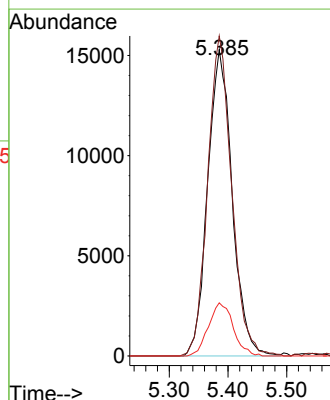
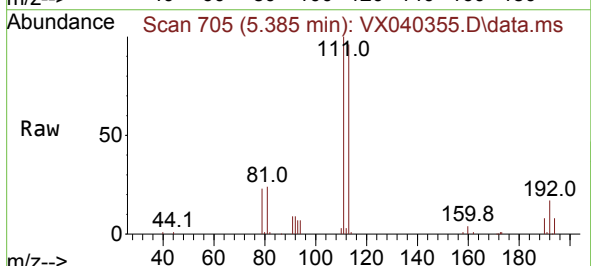
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

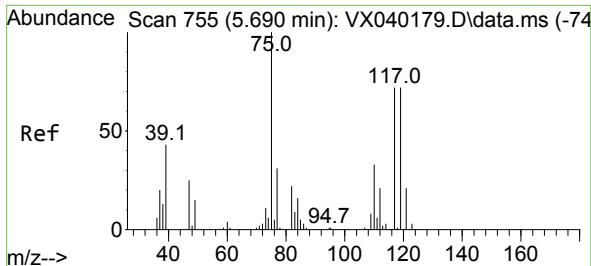
Tgt Ion:114 Resp: 132069
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.052 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion:113 Resp: 44318
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.6 13.3 19.9

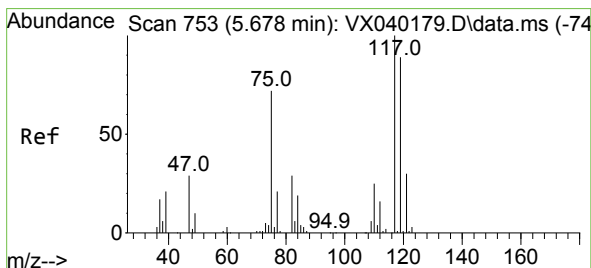
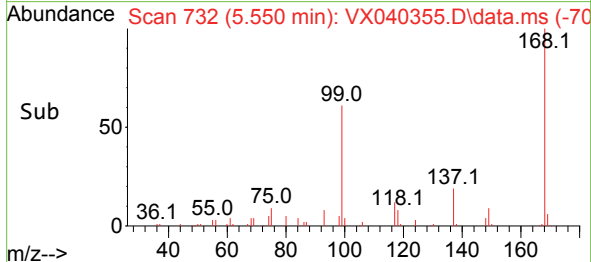
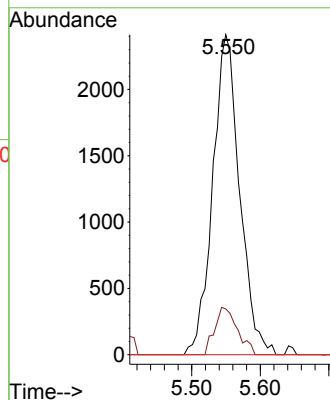
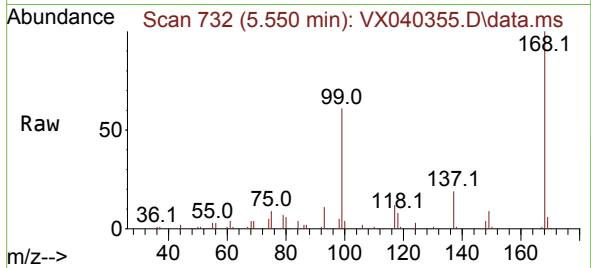




#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

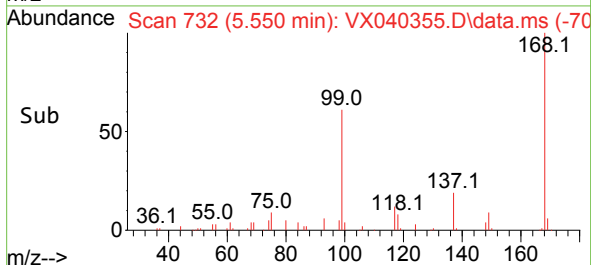
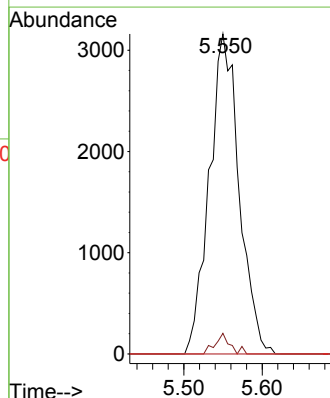
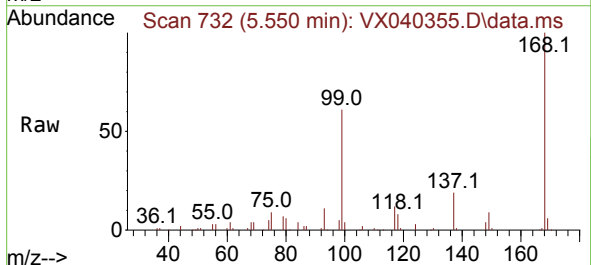
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

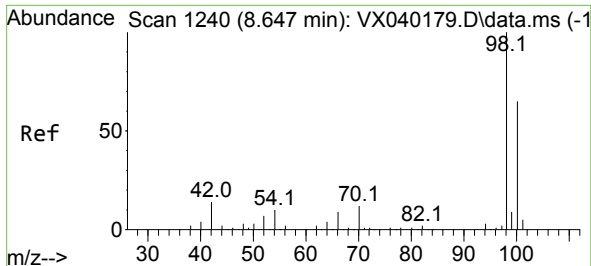
Tgt Ion: 75 Resp: 6579
Ion Ratio Lower Upper
75 100
110 12.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.814 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 117 Resp: 8371
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

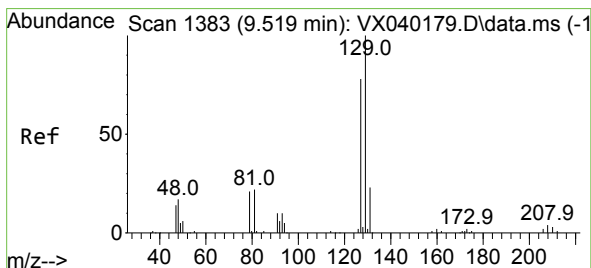
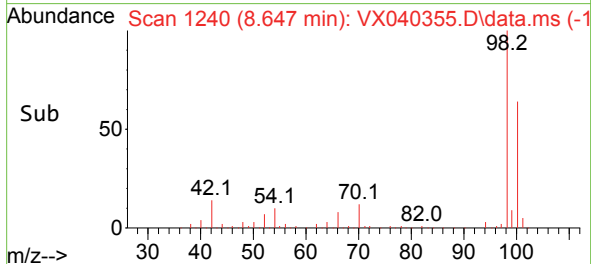
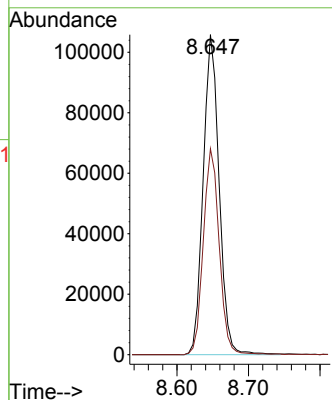
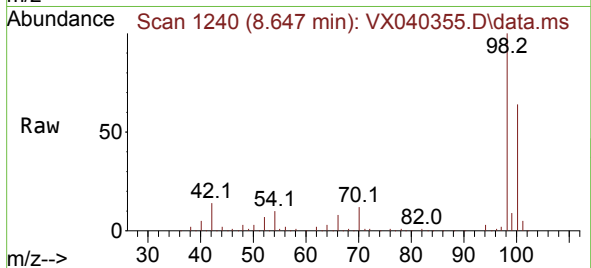




#50
Toluene-d8
Concen: 47.554 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

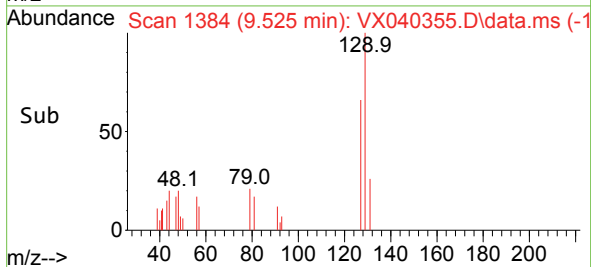
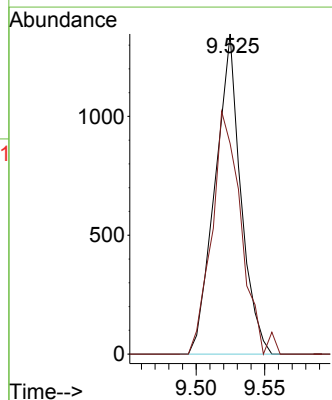
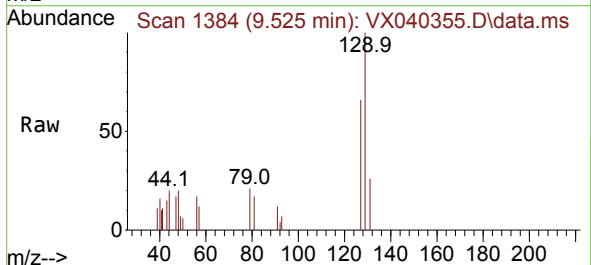
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

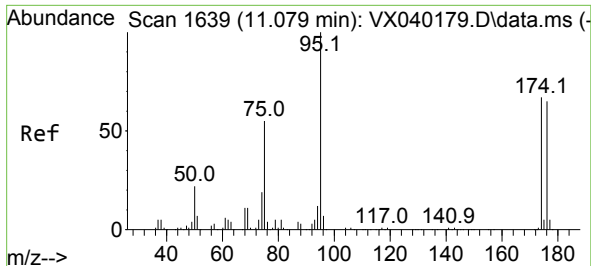
Tgt Ion: 98 Resp: 164064
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#60
Dibromochloromethane
Concen: 1.707 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 129 Resp: 1755
Ion Ratio Lower Upper
129 100
127 86.3 38.8 116.4

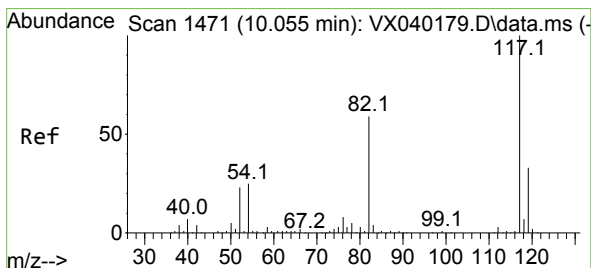
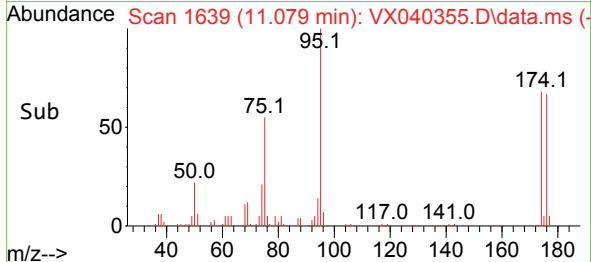
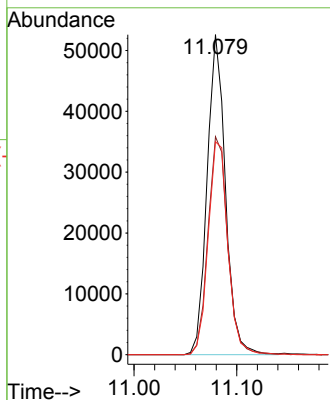
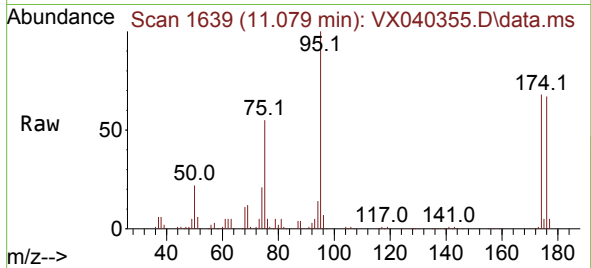




#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

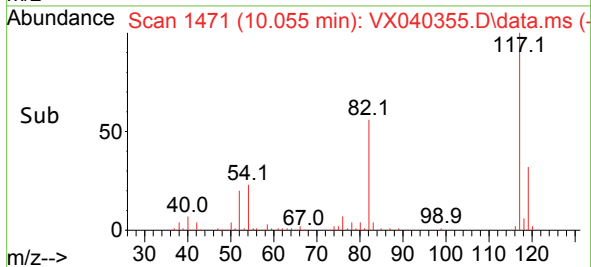
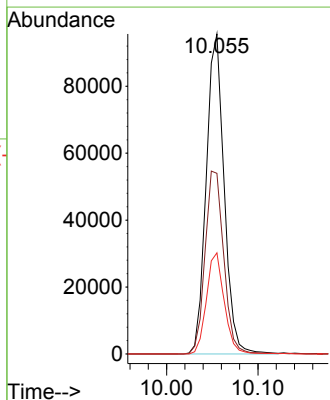
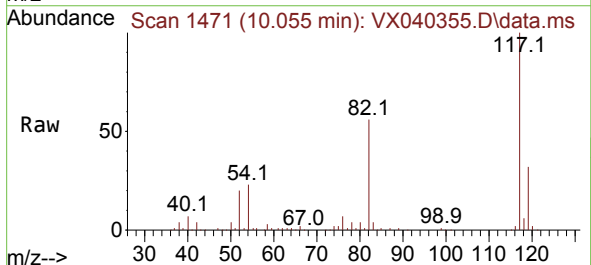
Instrument :
MSVOA_X
ClientSampleId :
FB020724GW

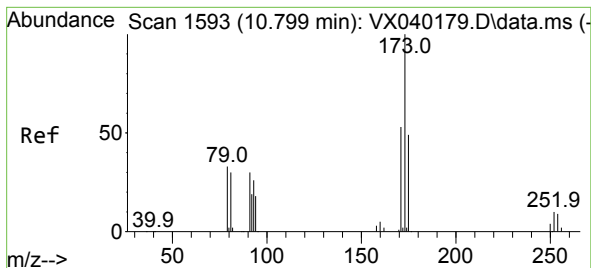
Tgt Ion: 95 Resp: 65373
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040355.D
Acq: 20 Feb 2024 14:39

Tgt Ion: 117 Resp: 129785
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.6 25.5 38.3





#71

Bromoform

Concen: 5.171 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040355.D

Acq: 20 Feb 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

FB020724GW

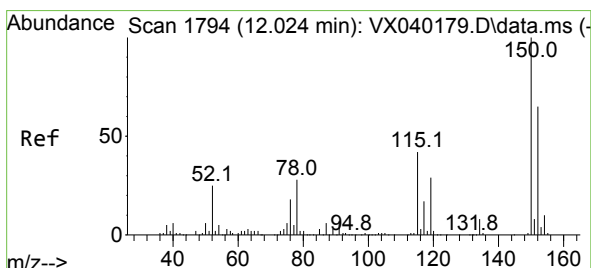
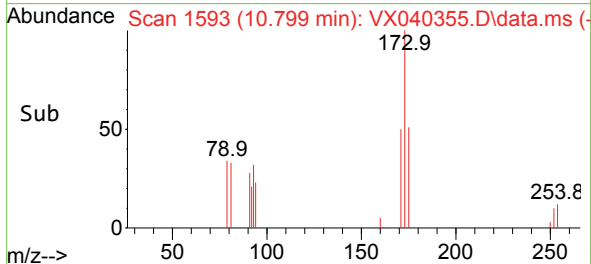
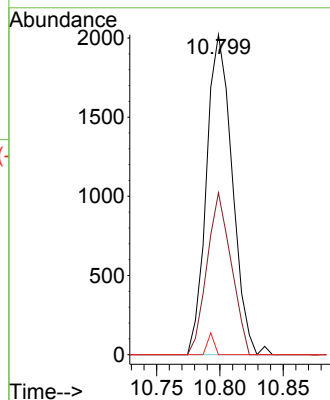
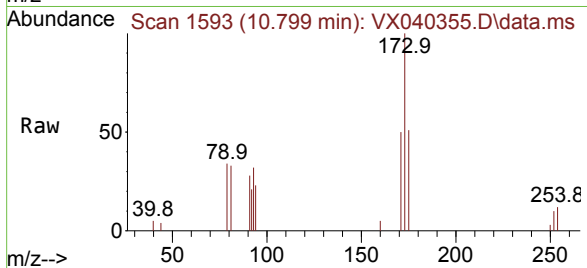
Tgt Ion:173 Resp: 2868

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.4

254 1.7 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040355.D

Acq: 20 Feb 2024 14:39

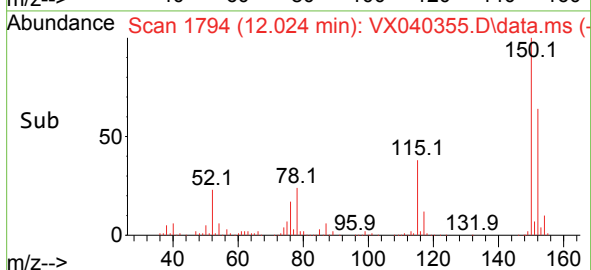
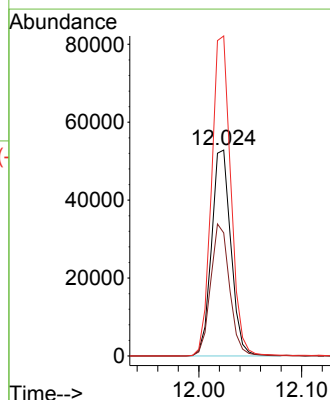
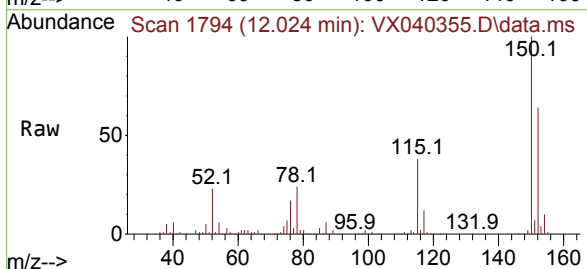
Tgt Ion:152 Resp: 69045

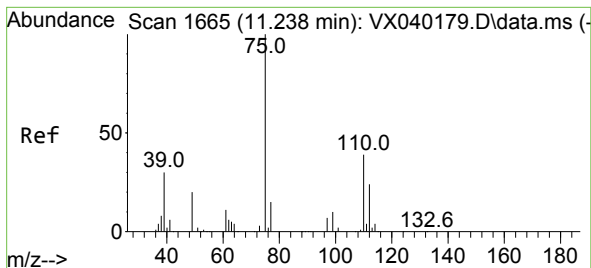
Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.421 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040355.D

Acq: 20 Feb 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

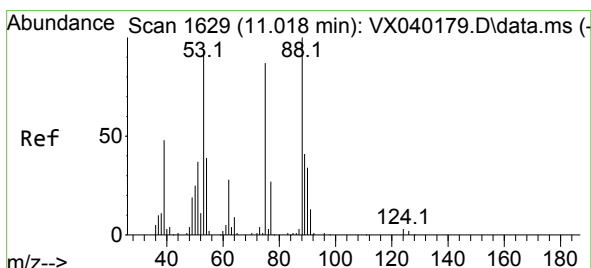
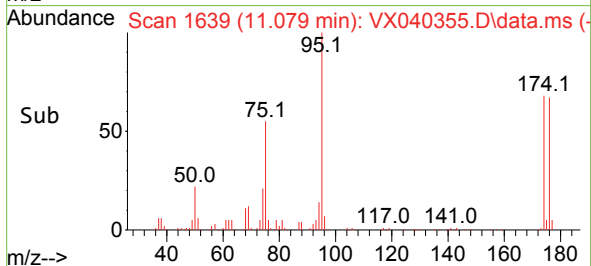
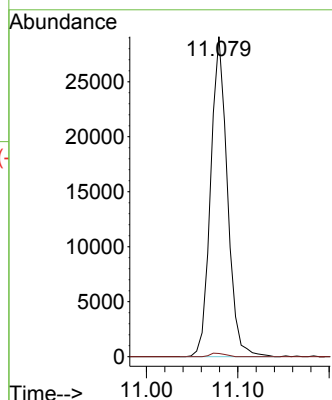
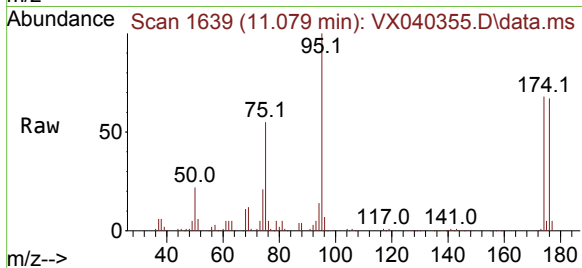
FB020724GW

Tgt Ion: 75 Resp: 36941

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.475 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040355.D

Acq: 20 Feb 2024 14:39

Tgt Ion: 75 Resp: 36941

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

