

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038406.D
 Acq On : 20 Oct 2023 16:39
 Operator : JC/MD
 Sample : 04986-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-06-209-229-101923-FD

Quant Time: Oct 21 01:45:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

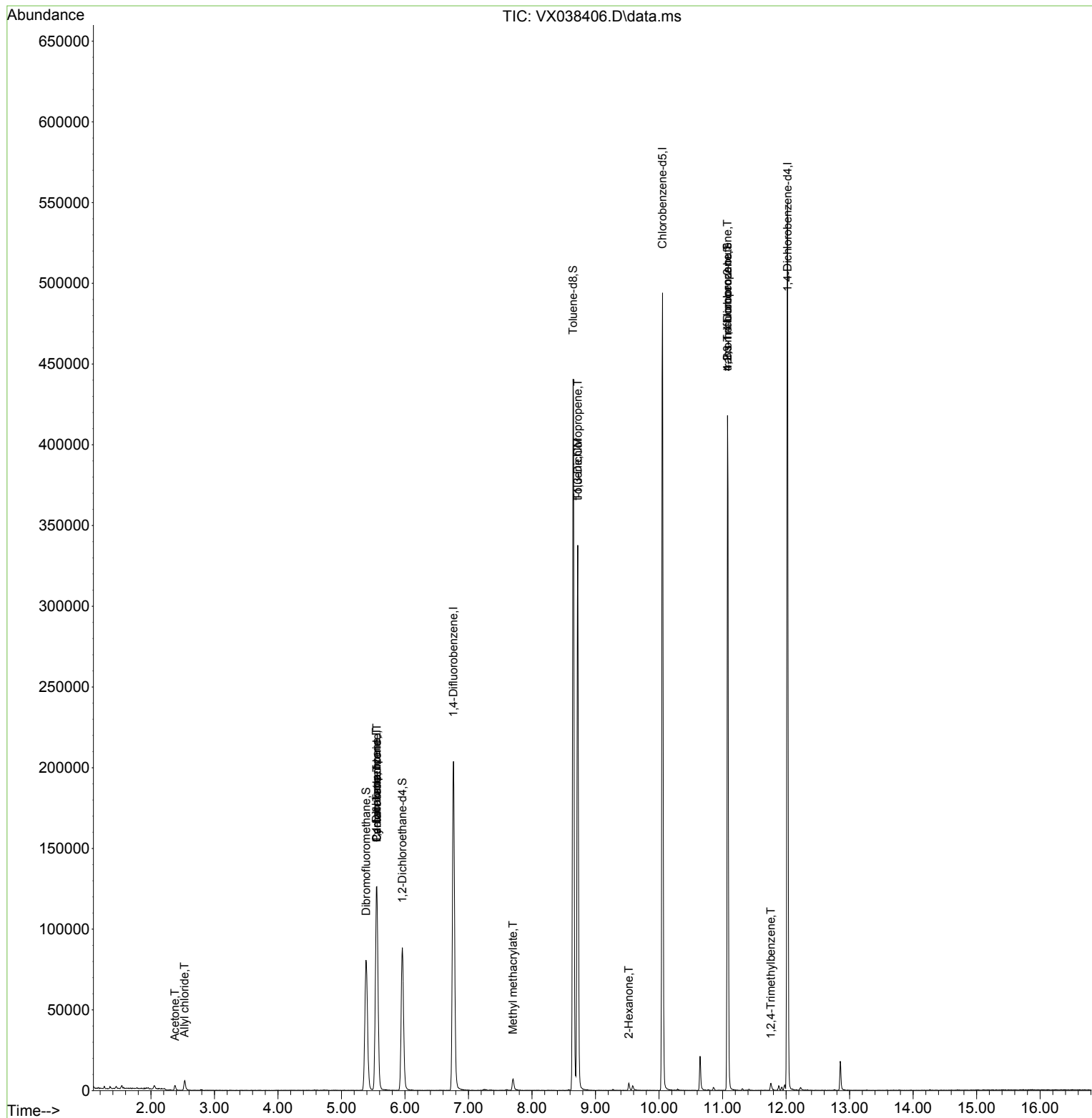
Internal Standards						
1) Pentafluorobenzene	5.556	168	118591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213645	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85922	45.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.100%		
35) Dibromofluoromethane	5.385	113	69513	45.155	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	8.647	98	267607	45.491	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.980%#		
62) 4-Bromofluorobenzene	11.079	95	103156	46.255	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.520%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.575	94	22	Below Cal	#	3
6) Chloroethane	1.752	64	44	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	47	Below Cal	#	78
14) Allyl chloride	2.526	41	640	0.330	ug/l #	50
16) Acetone	2.380	43	3206	4.027	ug/l	94
31) Cyclohexane	5.556	56	3005	1.454	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	9516	4.483	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12426	5.950	ug/l #	15
48) Methyl methacrylate	7.702	41	3739	2.081	ug/l #	80
52) Toluene	8.720	92	124055	32.074	ug/l	92
53) t-1,3-Dichloropropene	8.720	75	1536	0.675	ug/l #	1
59) 2-Hexanone	9.525	43	691	0.331	ug/l #	37
76) 1,2,3-Trichloropropane	11.079	75	56768	21.489	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56768	61.718	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.762	105	1689	0.252	ug/l #	33

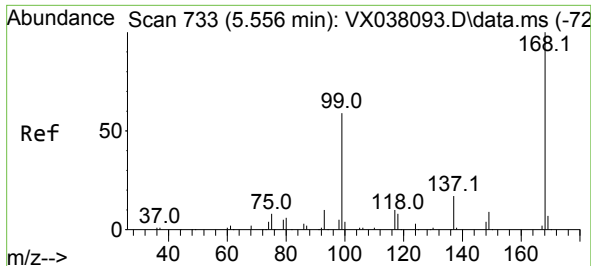
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
Data File : VX038406.D
Acq On : 20 Oct 2023 16:39
Operator : JC/MD
Sample : 04986-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-209-229-101923-FD

Quant Time: Oct 21 01:45:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

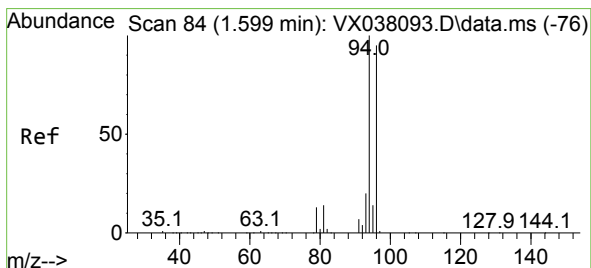
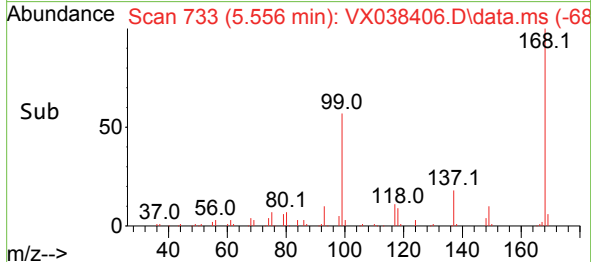
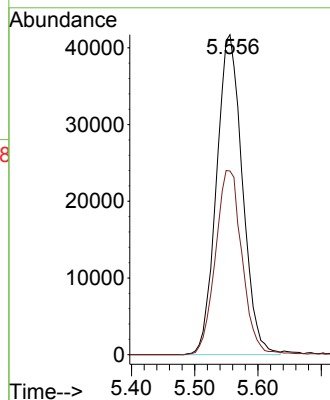
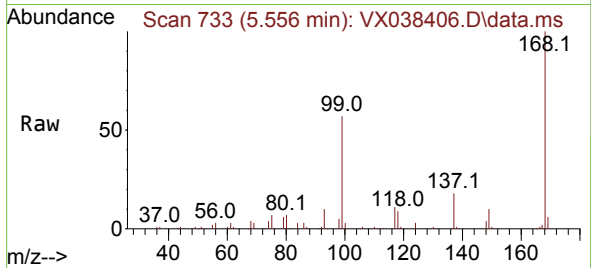




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

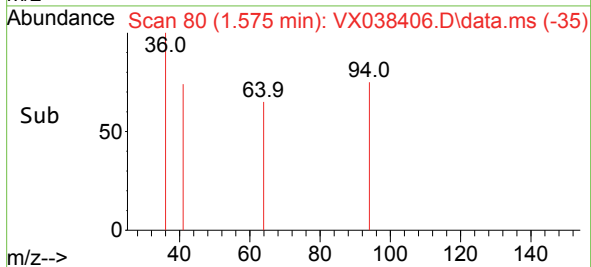
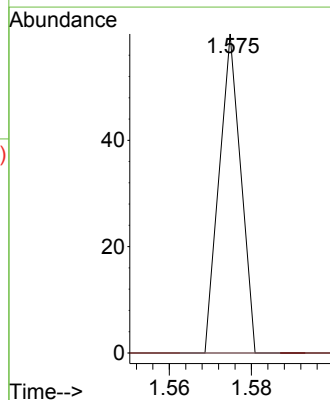
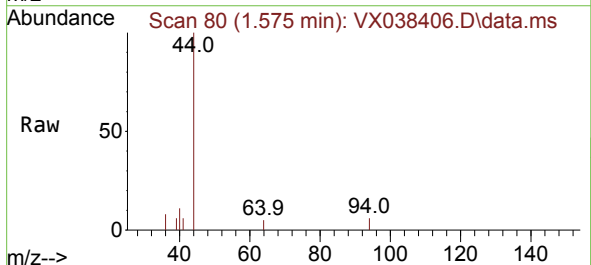
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

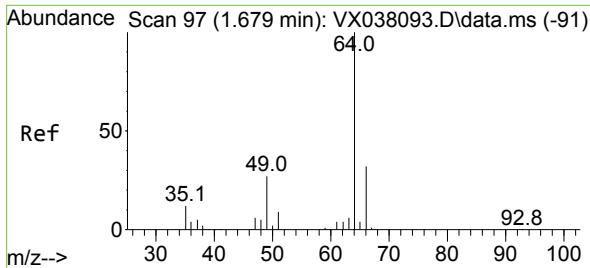
Tgt Ion:168 Resp: 118591
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

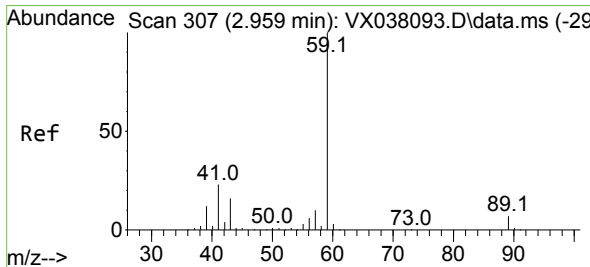
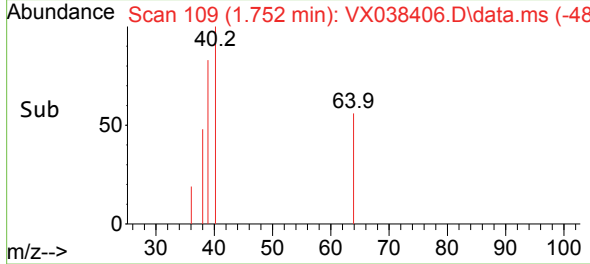
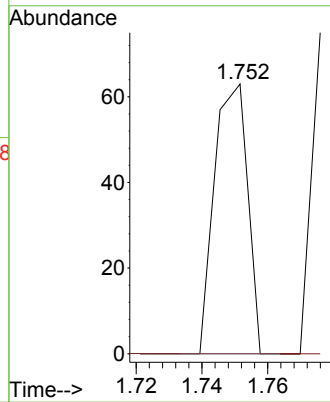
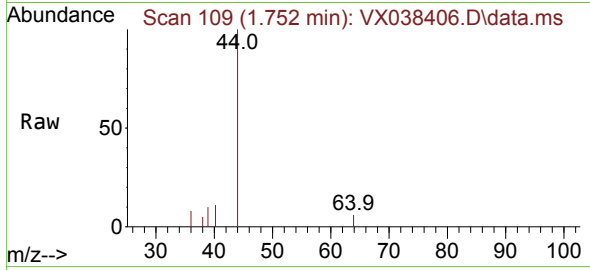




#6
Chloroethane
Concen: Below Cal
RT: 1.752 min Scan# 109
Delta R.T. 0.073 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

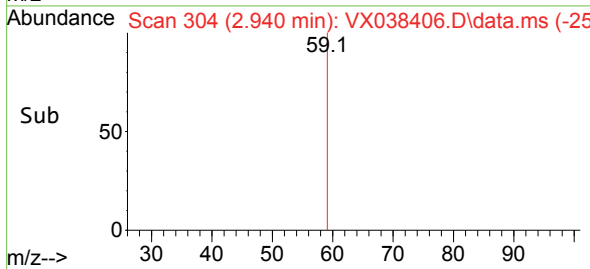
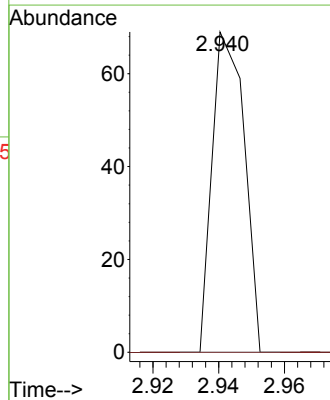
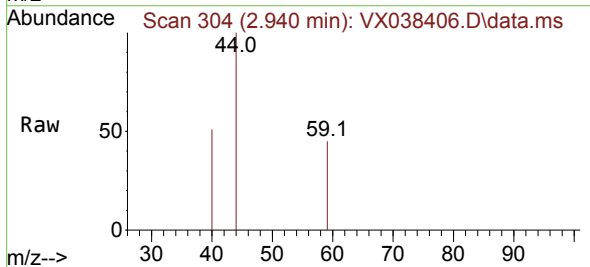
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

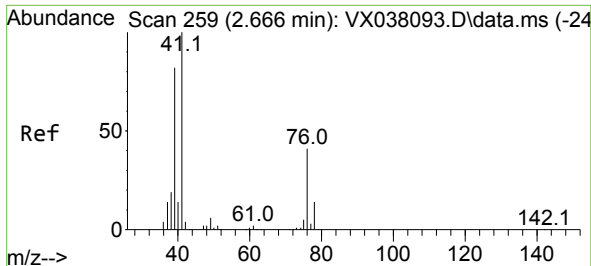
Tgt Ion: 64 Resp: 44
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

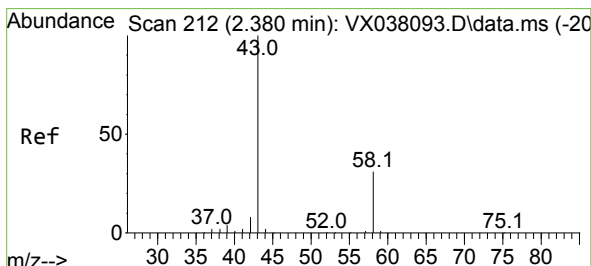
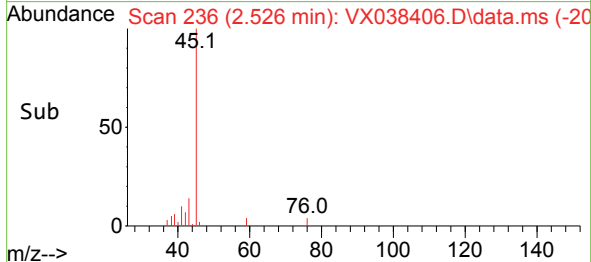
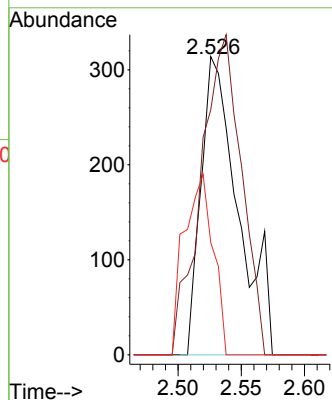
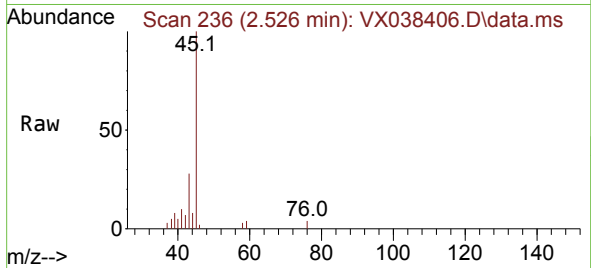




#14
 Allyl chloride
 Concen: 0.330 ug/l
 RT: 2.526 min Scan# 214
 Delta R.T. -0.134 min
 Lab File: VX038406.D
 Acq: 20 Oct 2023 16:39

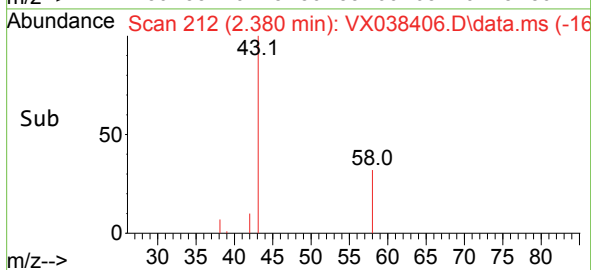
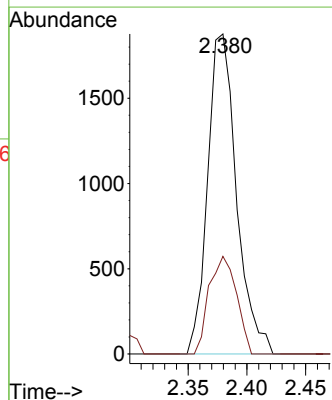
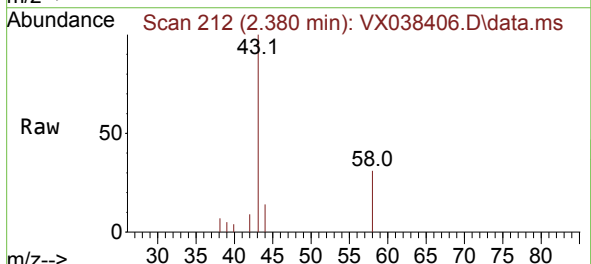
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-06-209-229-101923-FD

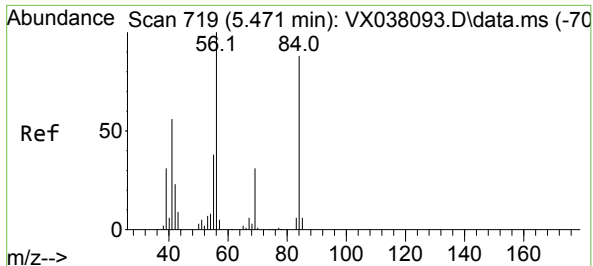
Tgt Ion: 41 Resp: 640
 Ion Ratio Lower Upper
 41 100
 39 117.3 55.8 83.6#
 76 47.2 24.3 36.5#



#16
 Acetone
 Concen: 4.027 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX038406.D
 Acq: 20 Oct 2023 16:39

Tgt Ion: 43 Resp: 3206
 Ion Ratio Lower Upper
 43 100
 58 30.5 21.9 32.9

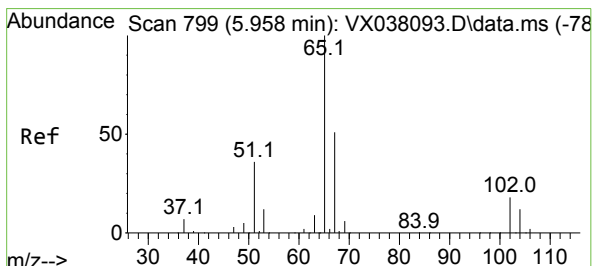
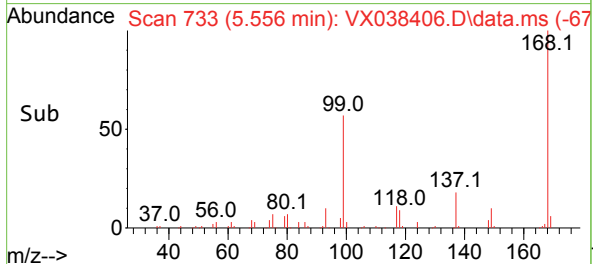
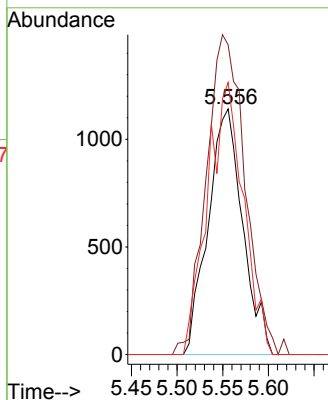
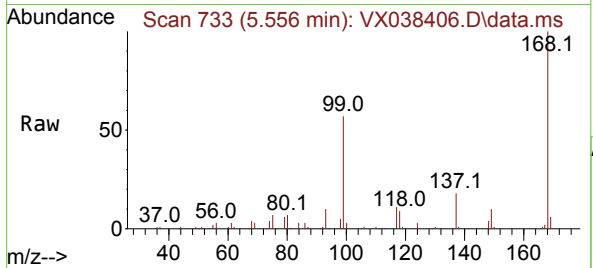




#31
Cyclohexane
Concen: 1.454 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

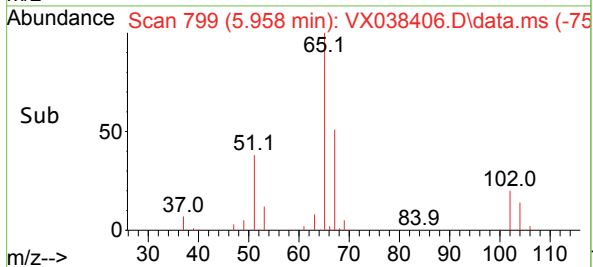
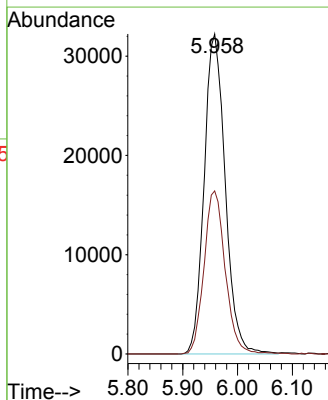
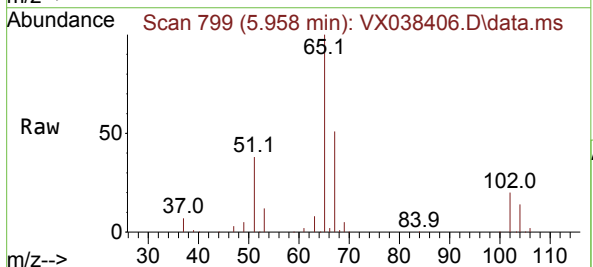
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

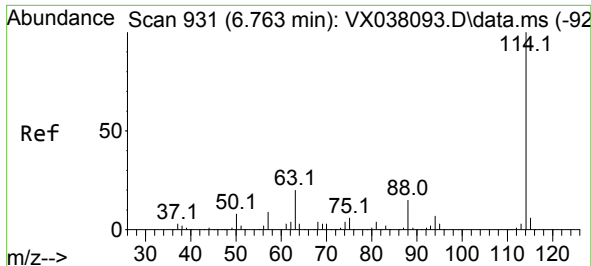
Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 126.1 23.4 35.2#
84 110.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.045 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 65 Resp: 85922
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

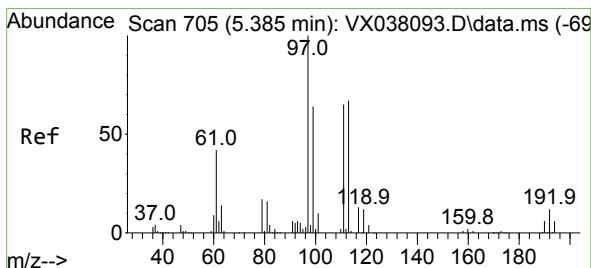
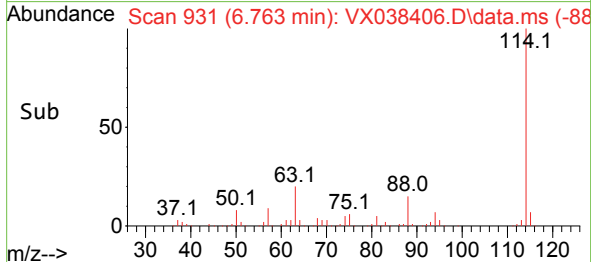
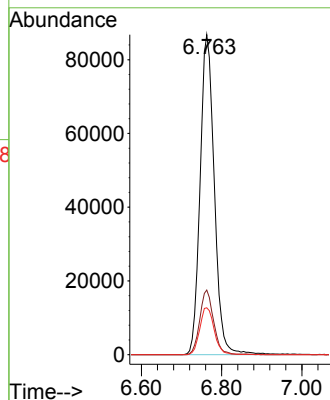
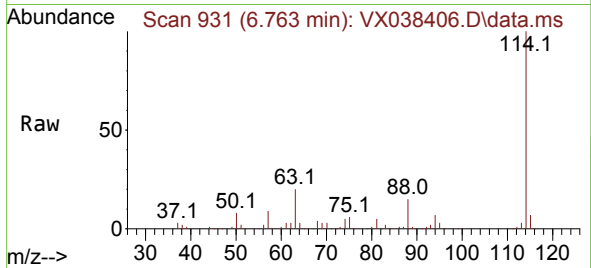




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

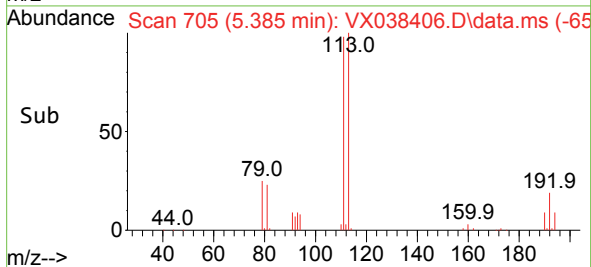
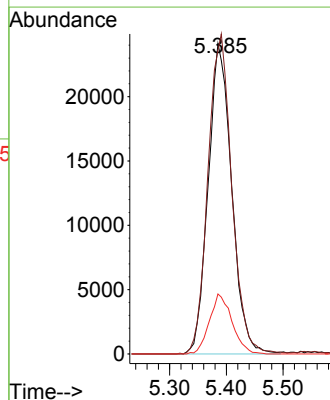
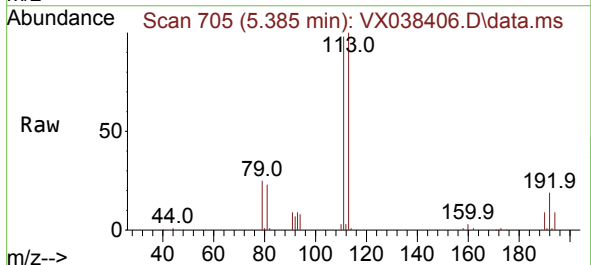
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-209-229-101923-FD

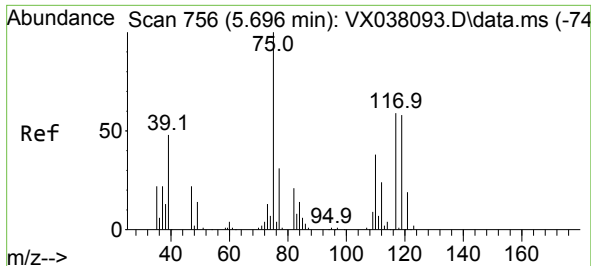
Tgt Ion:114 Resp: 213645
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.155 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion:113 Resp: 69513
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.6 13.3 19.9

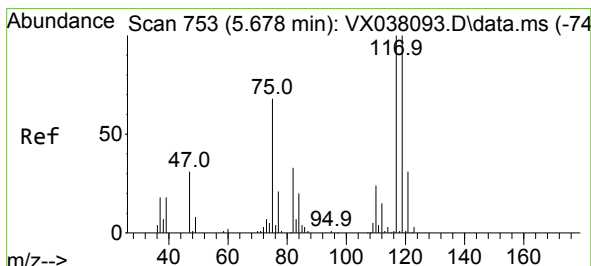
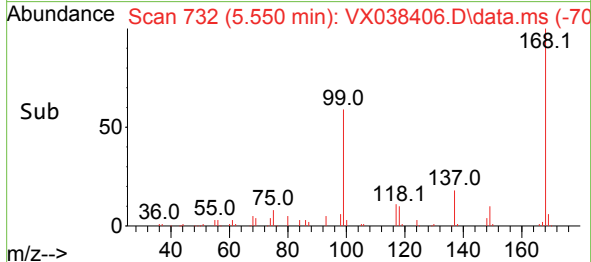
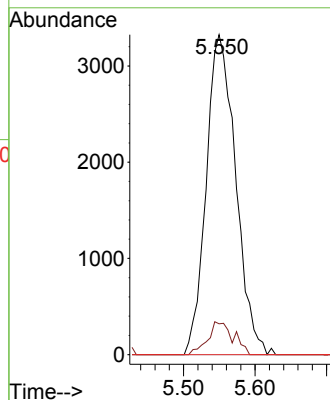
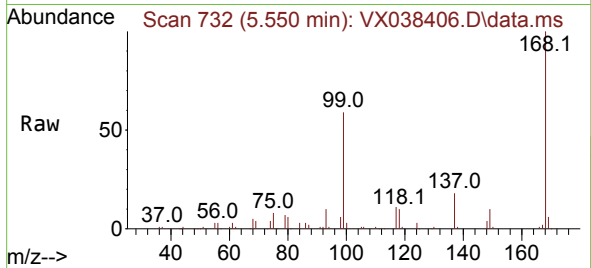




#36
1,1-Dichloropropene
Concen: 4.483 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

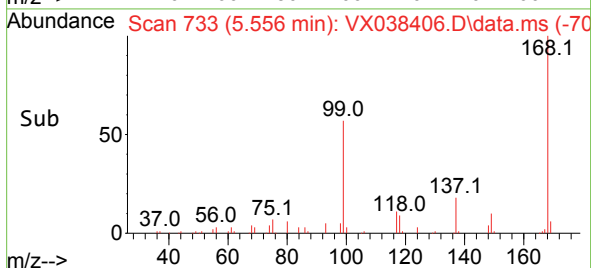
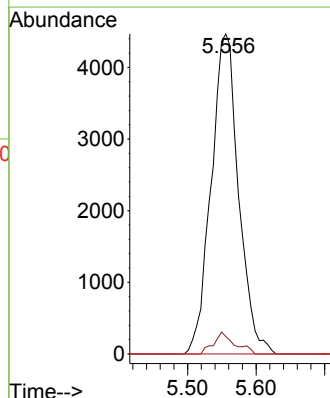
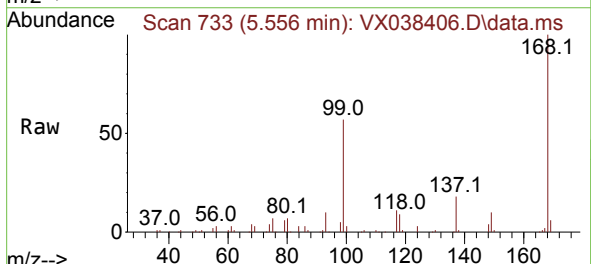
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-209-229-101923-FD

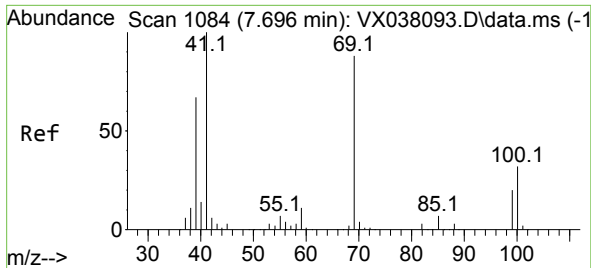
Tgt Ion: 75 Resp: 9516
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.950 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 117 Resp: 12426
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

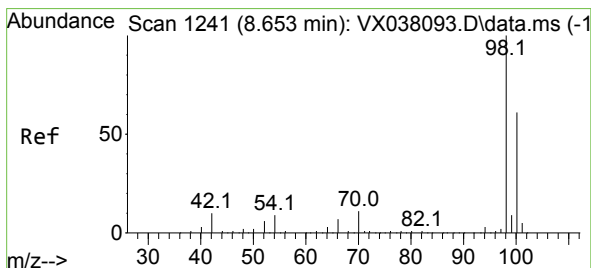
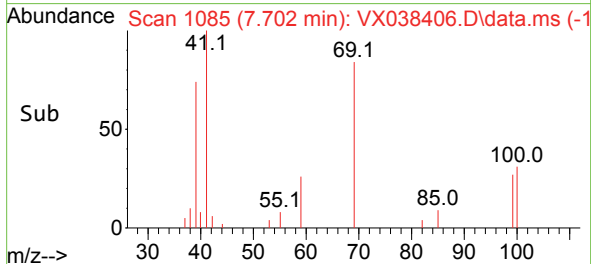
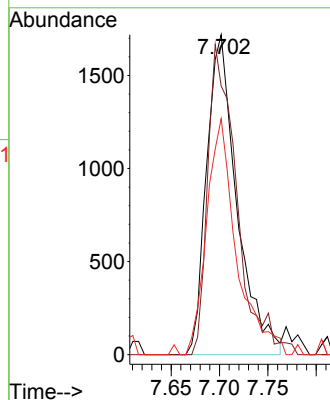
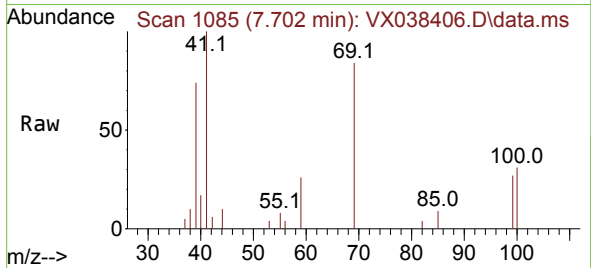




#48
Methyl methacrylate
Concen: 2.081 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

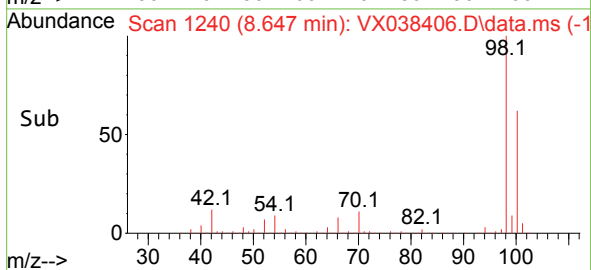
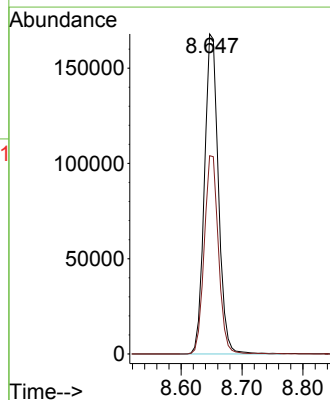
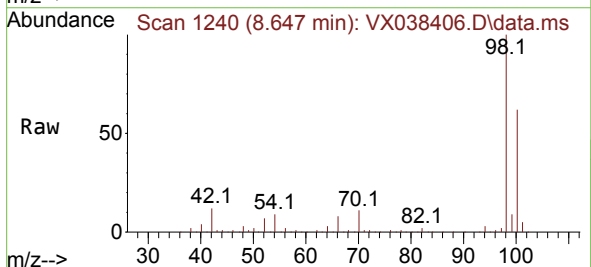
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

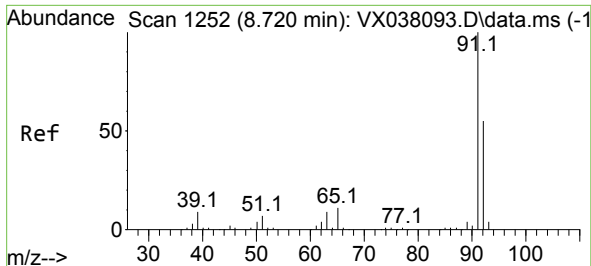
Tgt Ion: 41 Resp: 3739
Ion Ratio Lower Upper
41 100
69 93.2 59.2 88.8#
39 72.5 47.7 71.5#



#50
Toluene-d8
Concen: 45.491 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 98 Resp: 267607
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7

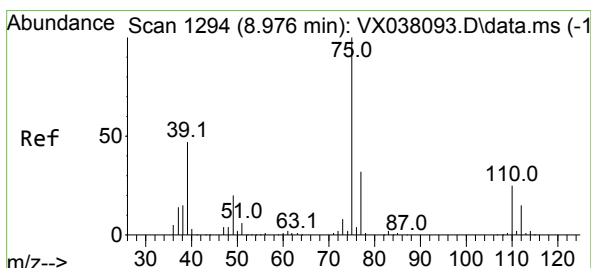
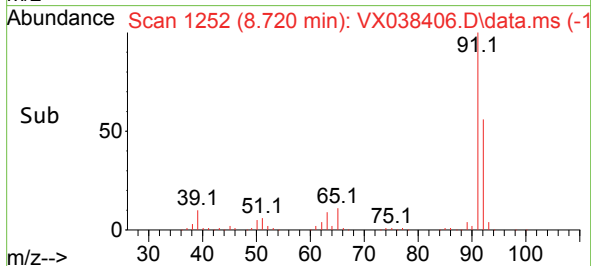
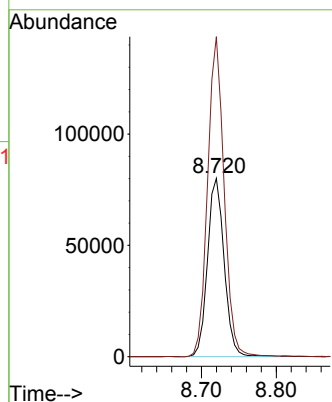
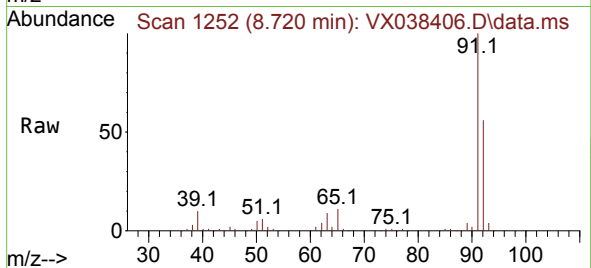




#52
Toluene
Concen: 32.074 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

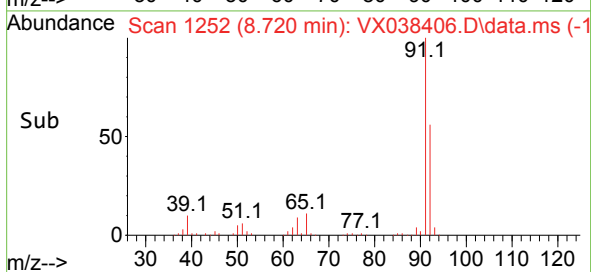
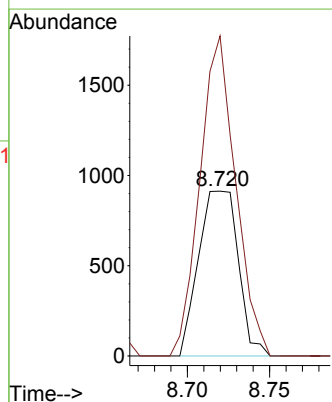
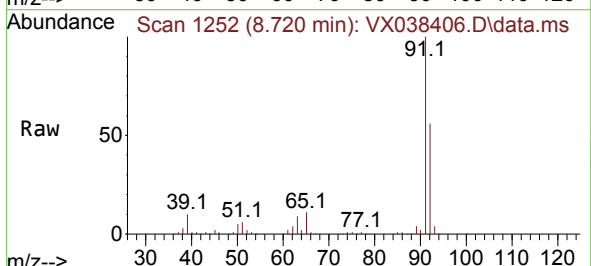
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

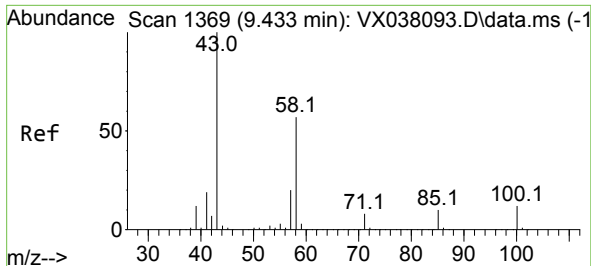
Tgt Ion: 92 Resp: 124055
Ion Ratio Lower Upper
92 100
91 177.9 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.675 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 75 Resp: 1536
Ion Ratio Lower Upper
75 100
77 194.2 25.7 38.5#

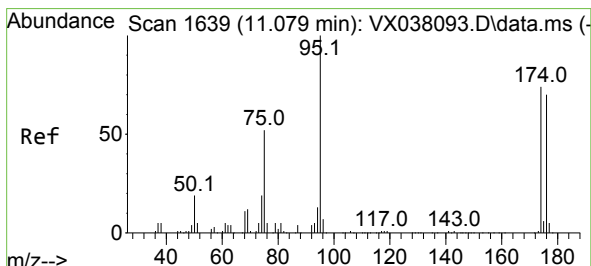
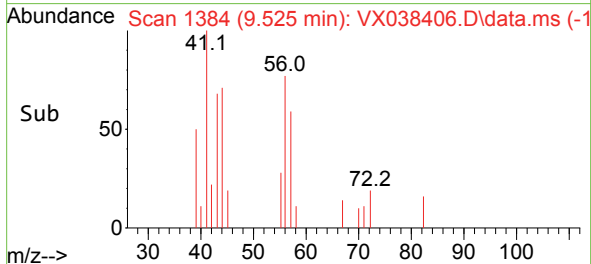
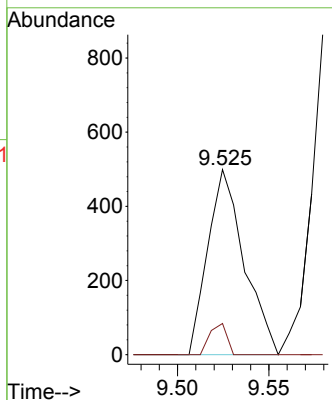
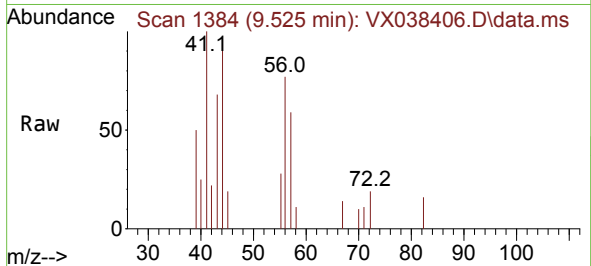




#59
2-Hexanone
Concen: 0.331 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.092 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

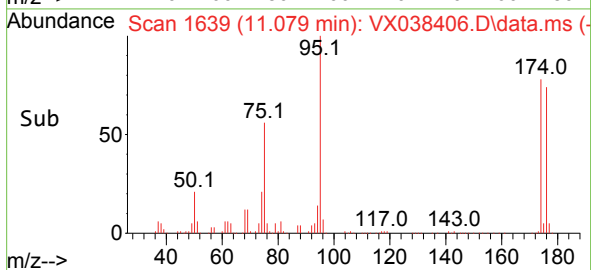
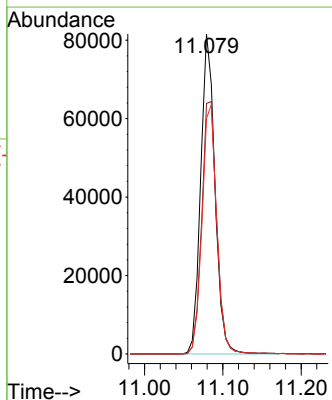
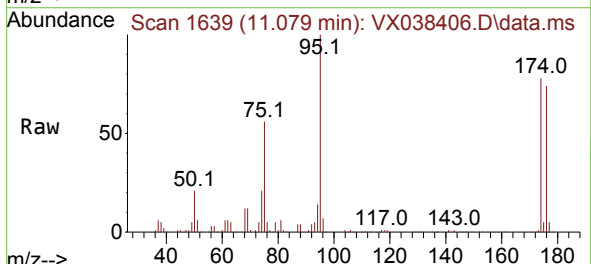
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

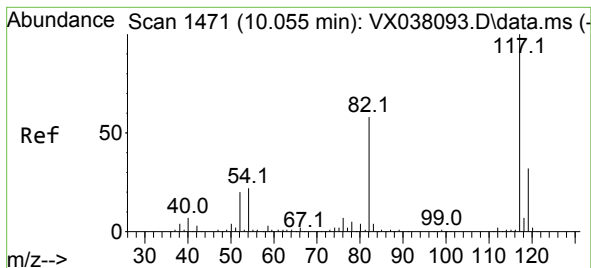
Tgt Ion: 43 Resp: 691
Ion Ratio Lower Upper
43 100
58 8.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 46.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 95 Resp: 103156
Ion Ratio Lower Upper
95 100
174 83.4 0.0 135.6
176 80.5 0.0 131.0

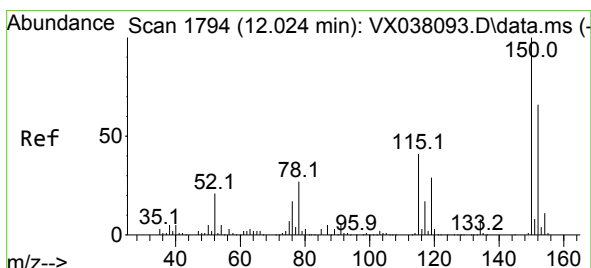
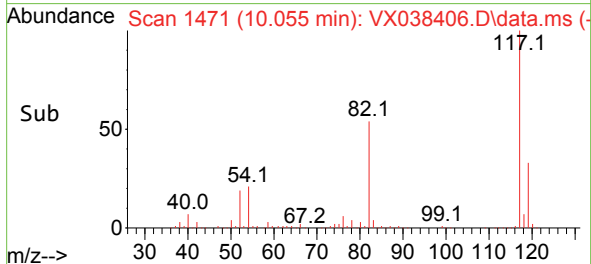
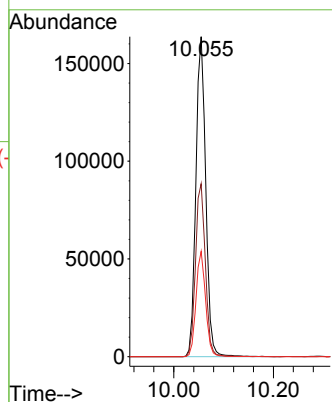
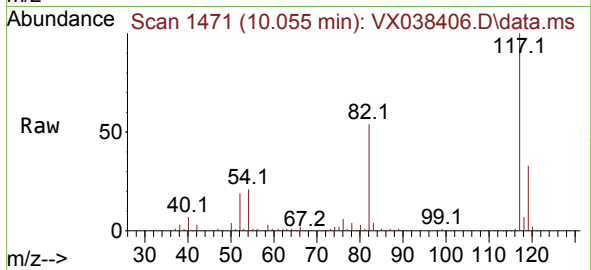




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

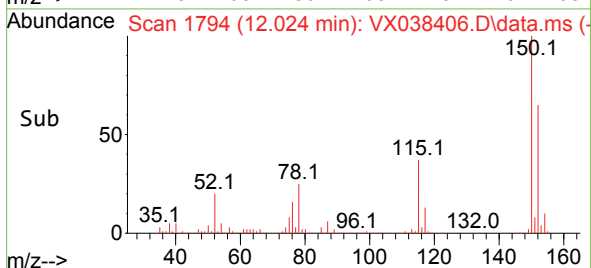
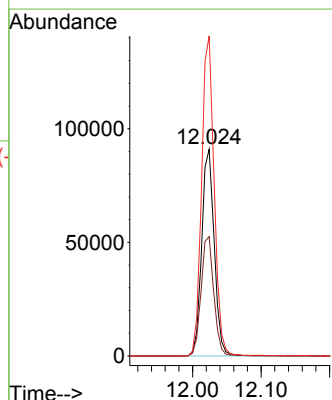
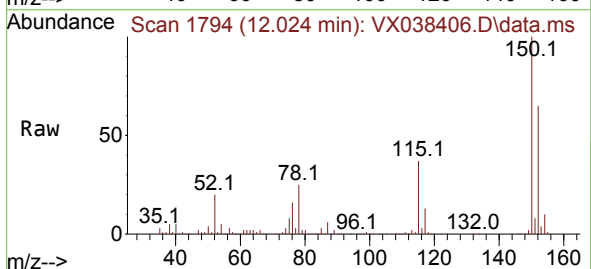
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-06-209-229-101923-FD

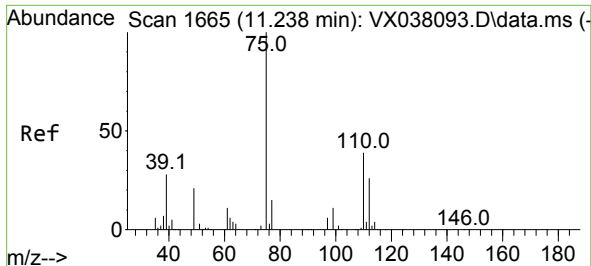
Tgt Ion:117 Resp: 224515
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion:152 Resp: 116204
Ion Ratio Lower Upper
152 100
115 58.7 43.3 129.9
150 154.4 0.0 345.0

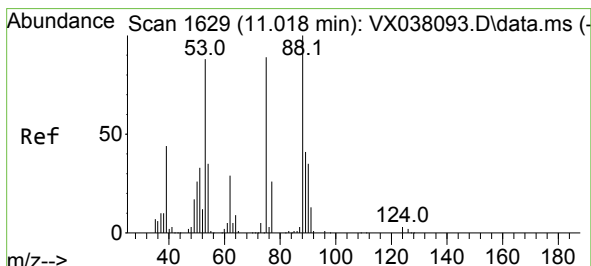
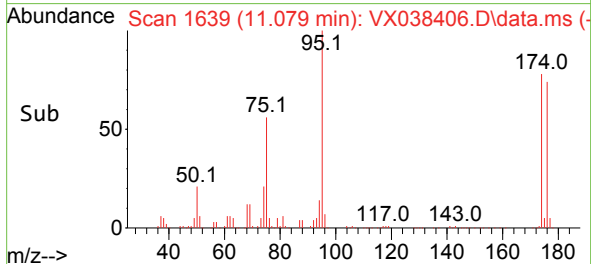
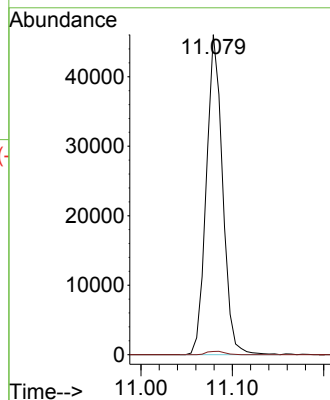
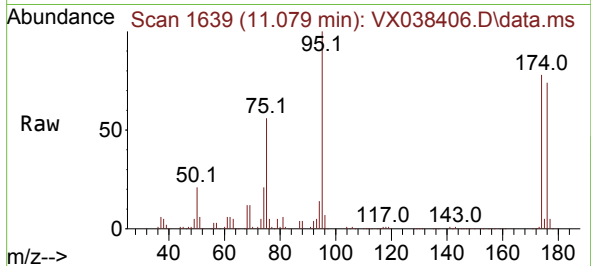




#76
1,2,3-Trichloropropane
Concen: 21.489 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

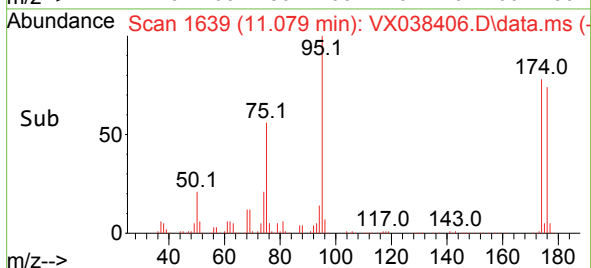
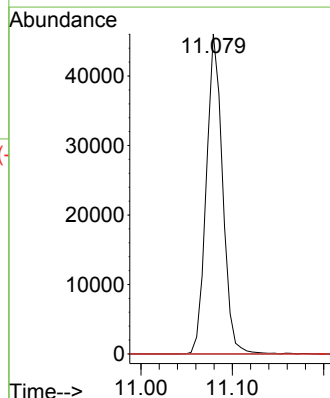
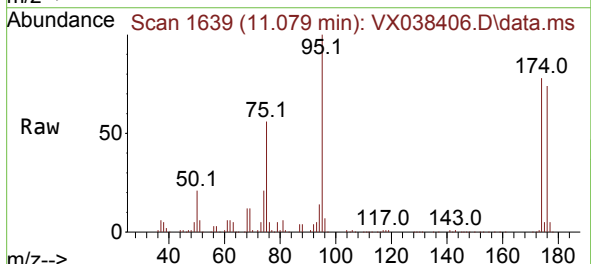
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-06-209-229-101923-FD

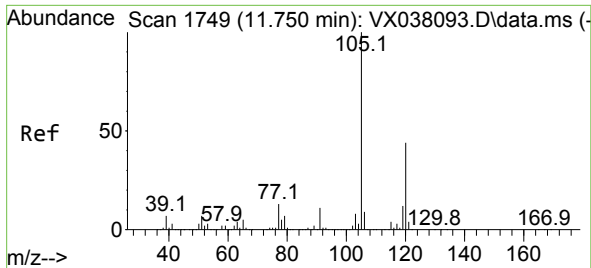
Tgt Ion: 75 Resp: 56768
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038406.D
Acq: 20 Oct 2023 16:39

Tgt Ion: 75 Resp: 56768
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.252 ug/l

RT: 11.762 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX038406.D

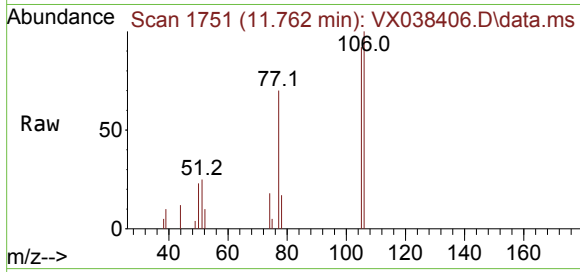
Acq: 20 Oct 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-06-209-229-101923-FD



Tgt Ion:105 Resp: 1689

Ion Ratio Lower Upper

105 100

120 0.0 21.2 63.6#

