

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035346.D
 Acq On : 27 Apr 2023 17:07
 Operator : JC/MD
 Sample : 02495-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-11

Quant Time: Apr 28 05:07:52 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)

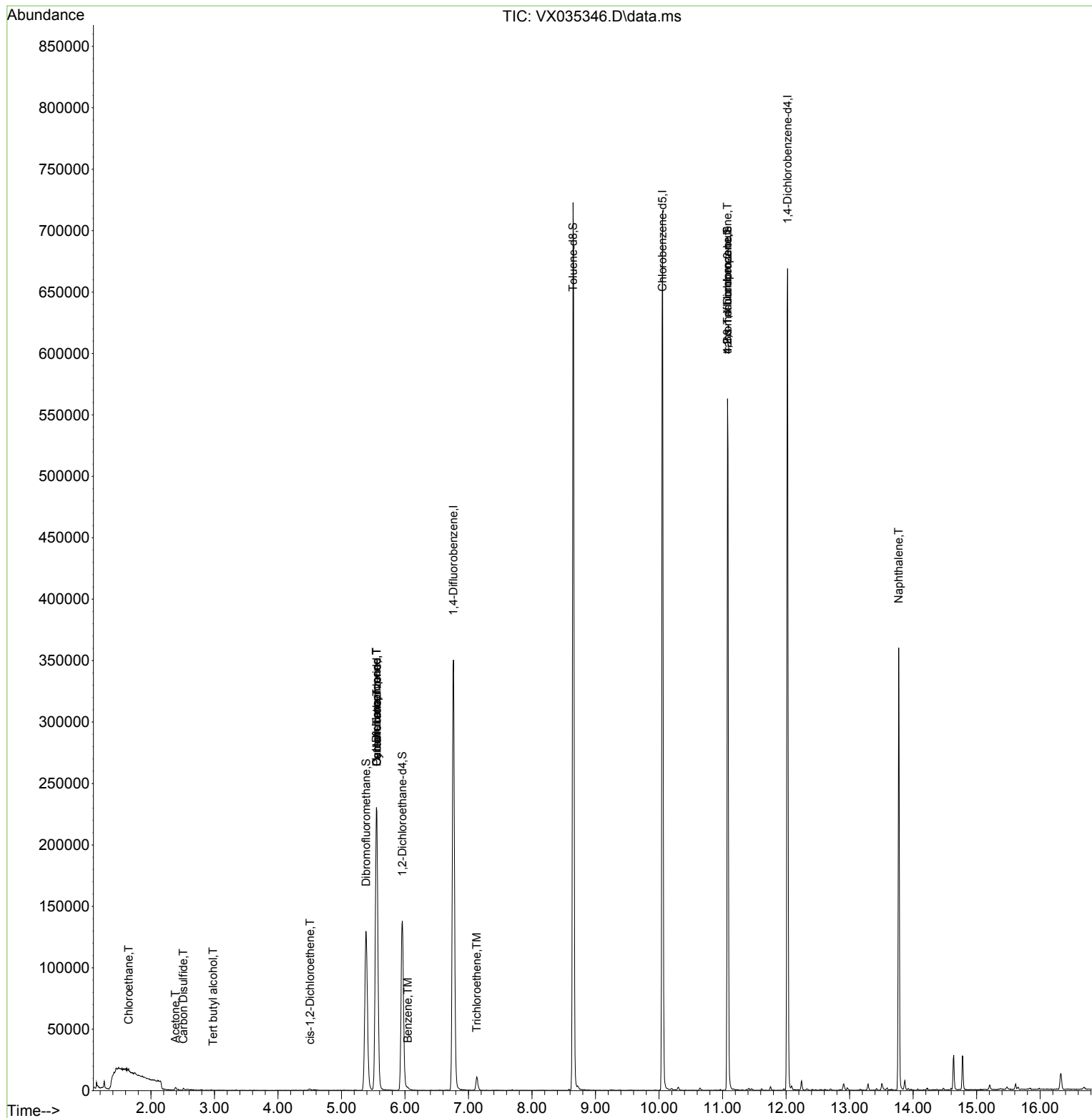
Internal Standards						
1) Pentafluorobenzene	5.556	168	230002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135873	48.966	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.940%
35) Dibromofluoromethane	5.385	113	114786	50.202	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	8.647	98	437483	50.721	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.079	95	158040	48.707	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%
Target Compounds						
					Qvalue	
6) Chloroethane	1.648	64	3251	2.503	ug/l #	52
11) Tert butyl alcohol	2.977	59	149	0.295	ug/l #	73
16) Acetone	2.386	43	2343	1.944	ug/l	94
17) Carbon Disulfide	2.508	76	1652	0.308	ug/l #	92
27) cis-1,2-Dichloroethene	4.507	96	768	0.269	ug/l	70
31) Cyclohexane	5.556	56	4085	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16256	4.553	ug/l #	51
38) Carbon Tetrachloride	5.556	117	22213	6.554	ug/l #	15
40) Benzene	6.044	78	2121	0.207	ug/l #	67
44) Trichloroethene	7.129	130	4674	1.657	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	77589	25.901	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	77589	83.887	ug/l #	8
95) Naphthalene	13.774	128	217584	21.679	ug/l	99

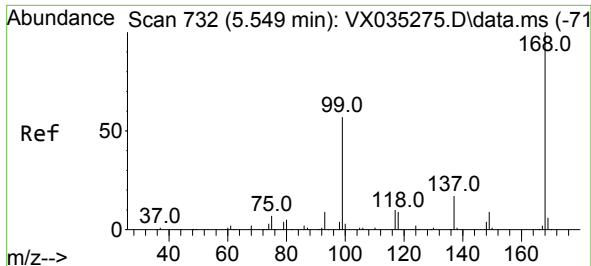
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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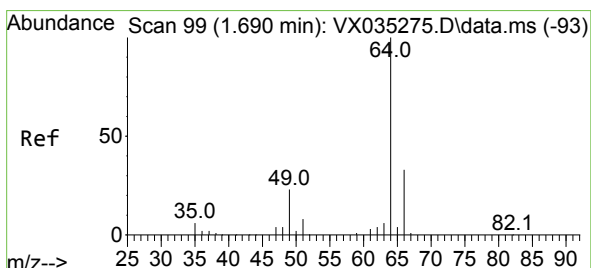
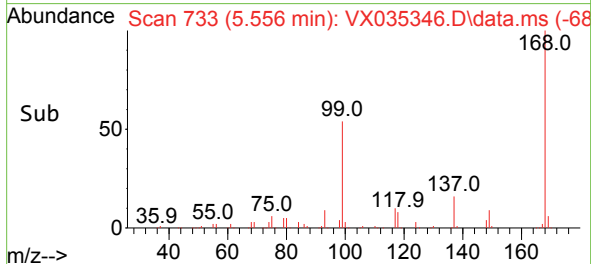
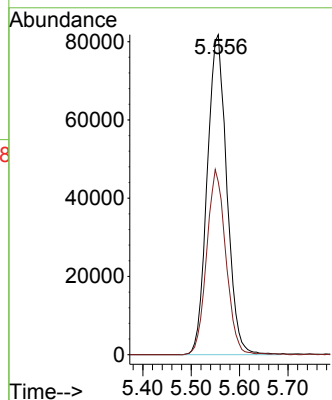
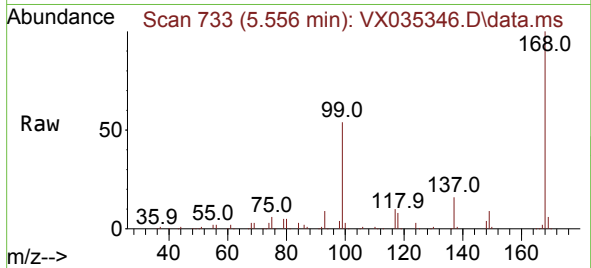




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

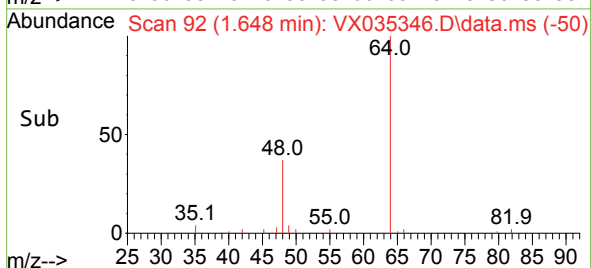
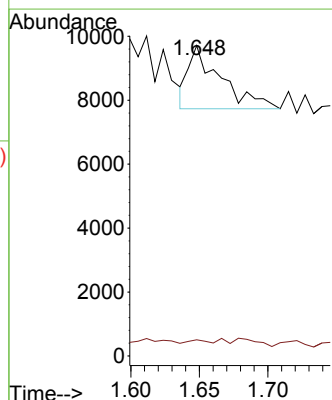
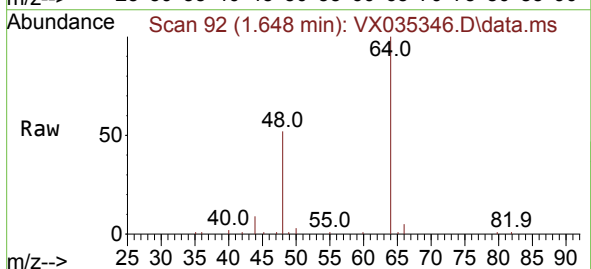
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

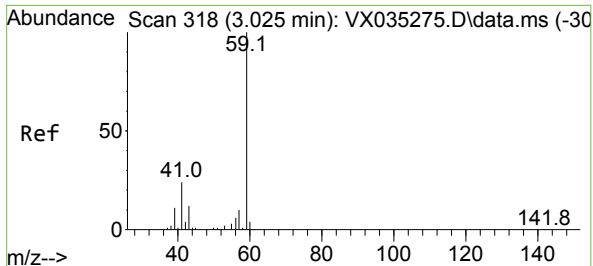
Tgt Ion:168 Resp: 230002
Ion Ratio Lower Upper
168 100
99 54.0 45.7 68.5



#6
Chloroethane
Concen: 2.503 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.042 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion: 64 Resp: 3251
Ion Ratio Lower Upper
64 100
66 5.5 26.2 39.4#

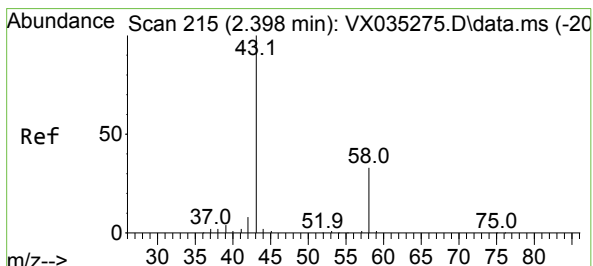
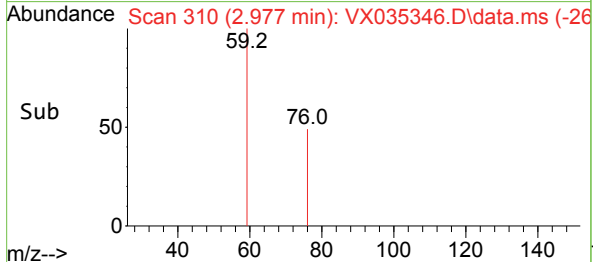
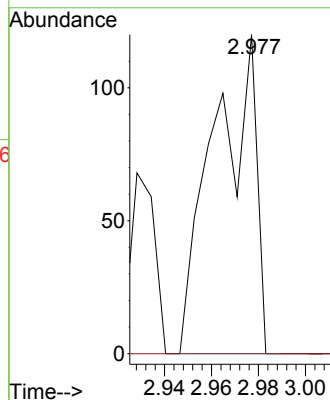
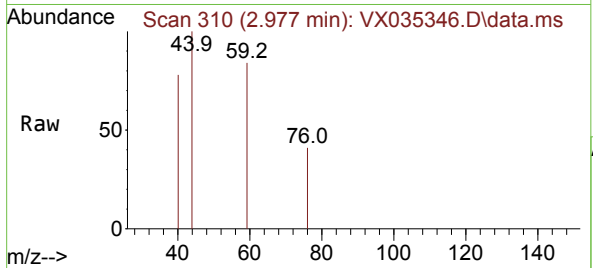




#11
Tert butyl alcohol
Concen: 0.295 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.048 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

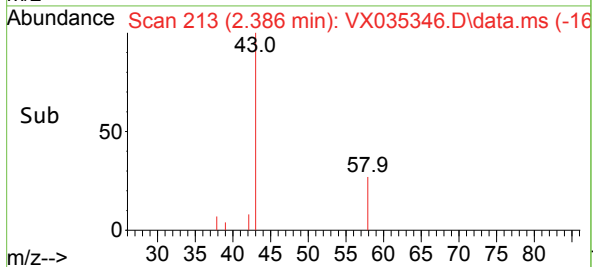
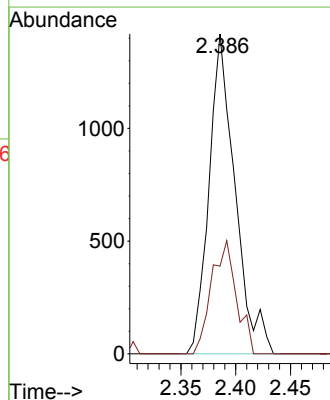
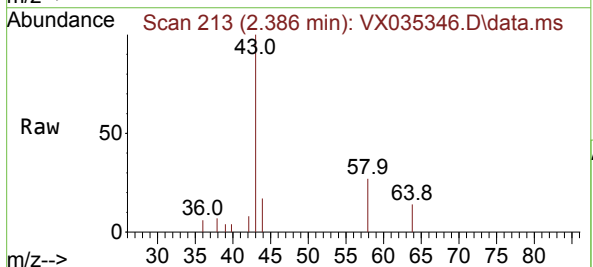
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

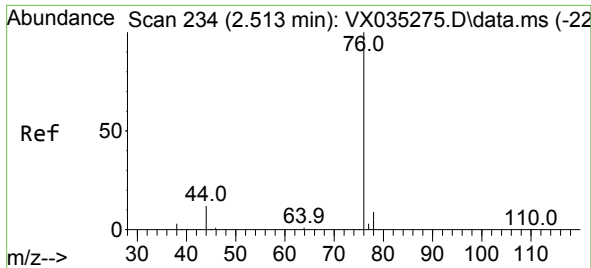
Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 1.944 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
58 27.4 24.7 37.1





#17

Carbon Disulfide

Concen: 0.308 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX035346.D

Acq: 27 Apr 2023 17:07

Instrument :

MSVOA_X

ClientSampleId :

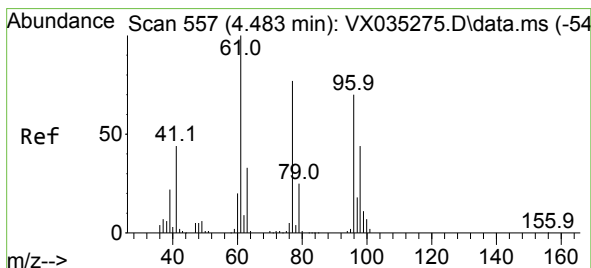
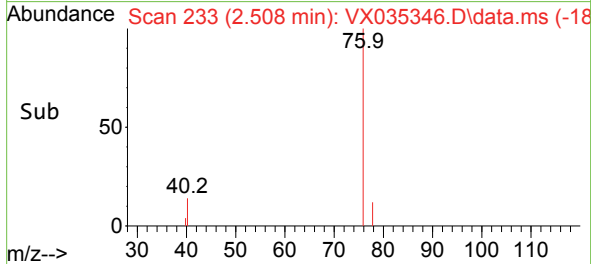
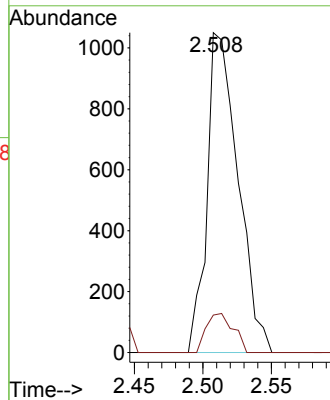
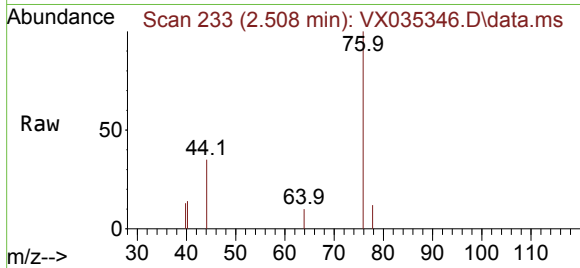
GMW-11

Tgt Ion: 76 Resp: 1652

Ion Ratio Lower Upper

76 100

78 11.7 7.2 10.8#



#27

cis-1,2-Dichloroethene

Concen: 0.269 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.024 min

Lab File: VX035346.D

Acq: 27 Apr 2023 17:07

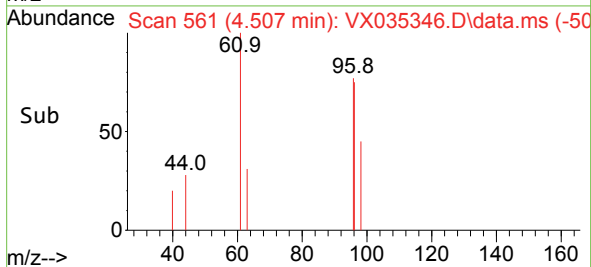
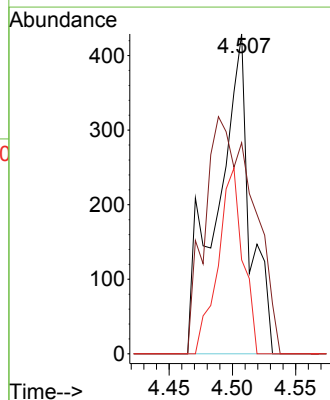
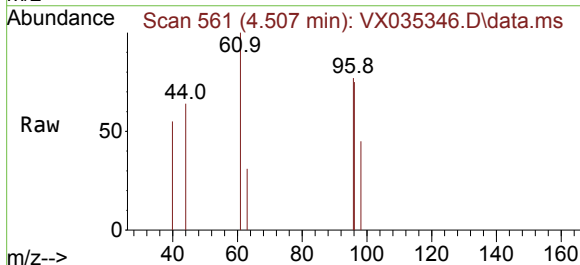
Tgt Ion: 96 Resp: 768

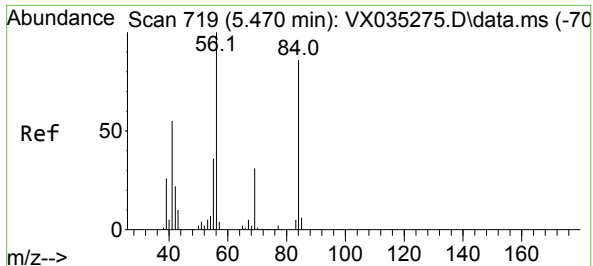
Ion Ratio Lower Upper

96 100

61 110.4 0.0 300.4

98 44.3 0.0 129.0

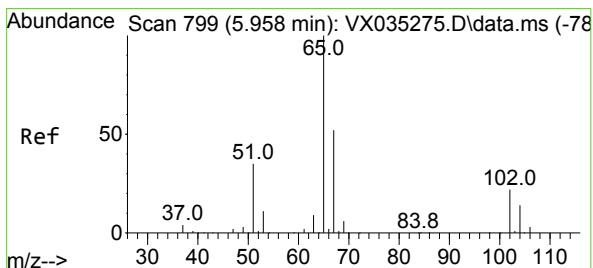
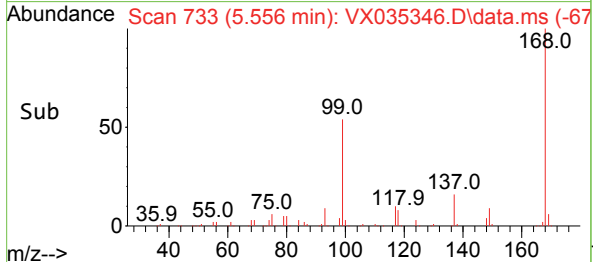
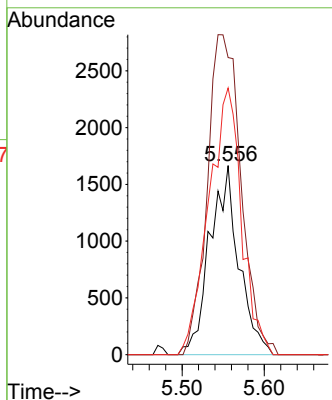
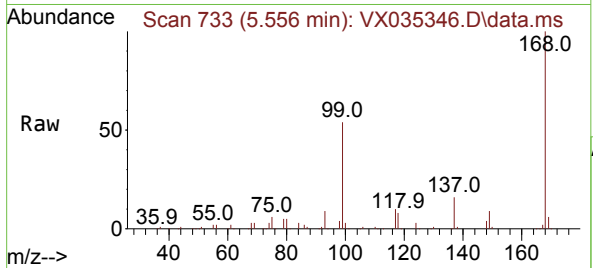




#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

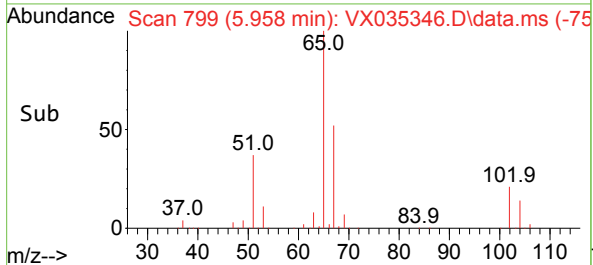
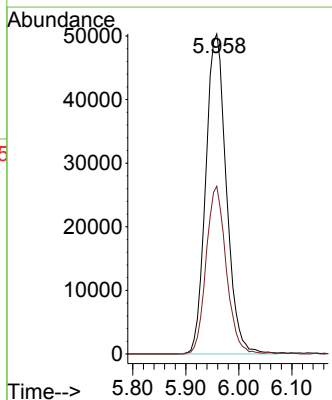
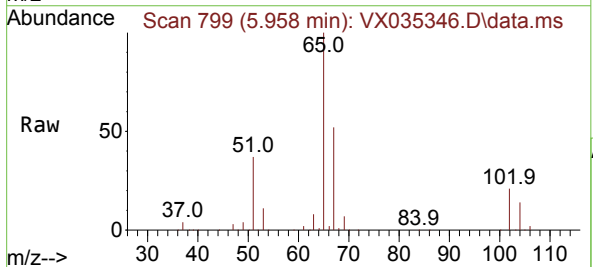
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

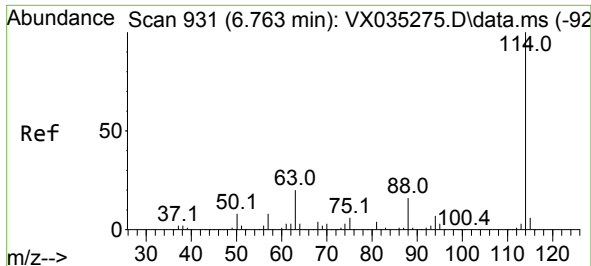
Tgt Ion: 56 Resp: 4085
Ion Ratio Lower Upper
56 100
69 157.1 23.7 35.5#
84 141.0 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.966 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion: 65 Resp: 135873
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

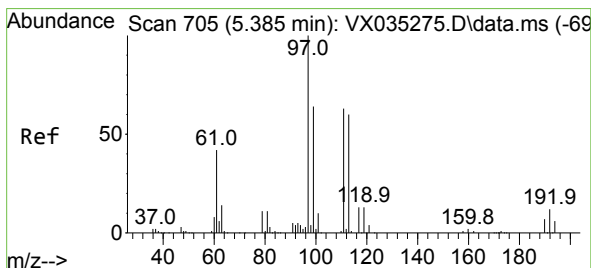
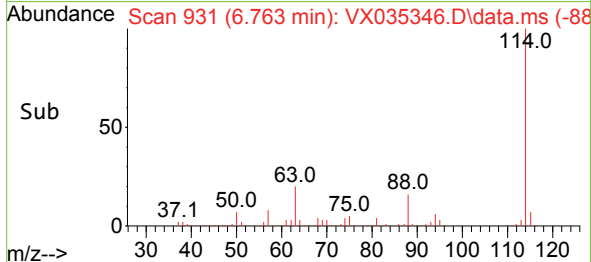
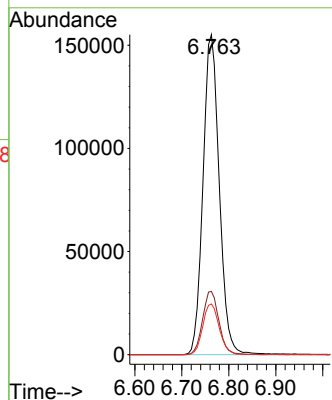
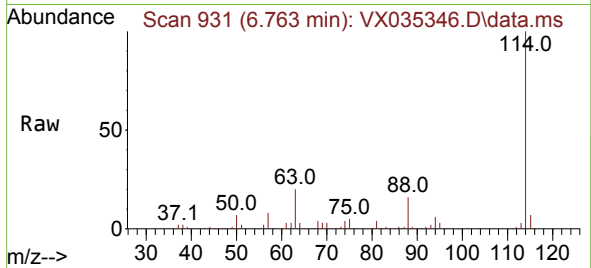




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

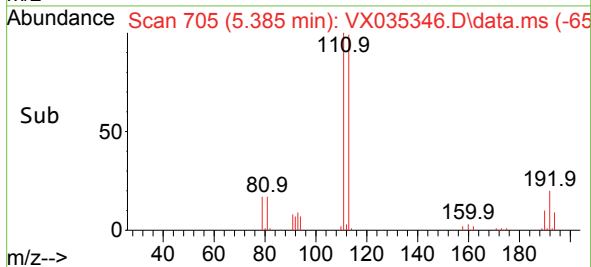
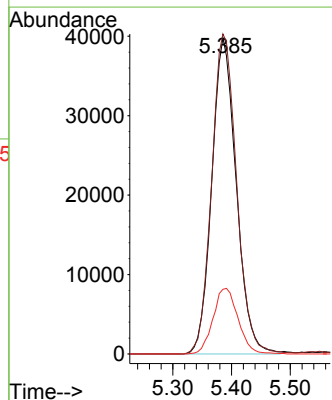
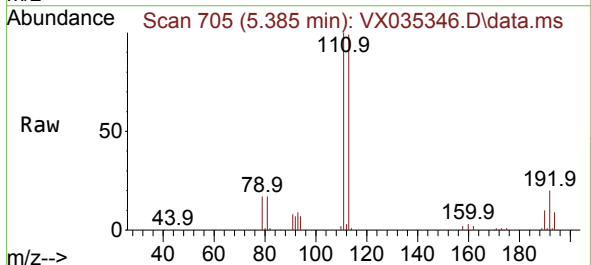
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

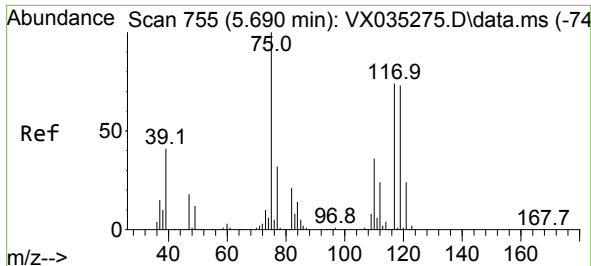
Tgt Ion:114 Resp: 372529
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.202 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion:113 Resp: 114786
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 21.3 15.4 23.2

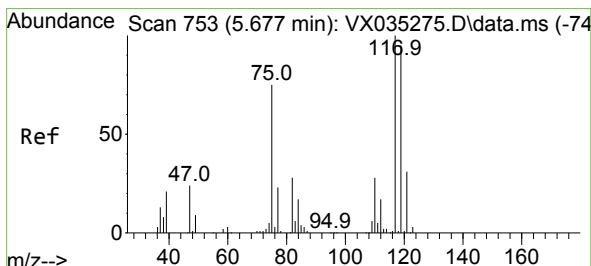
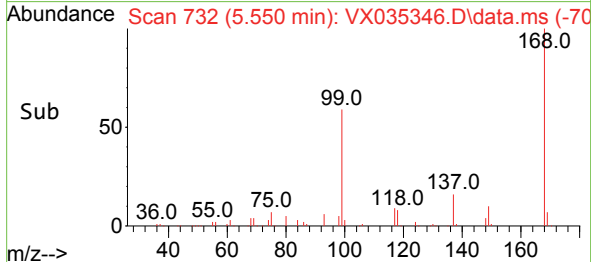
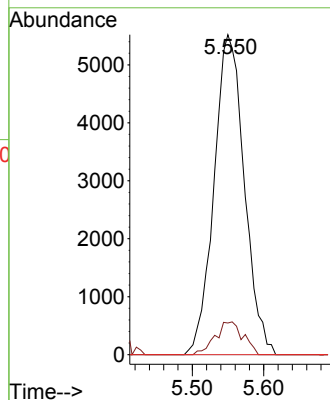
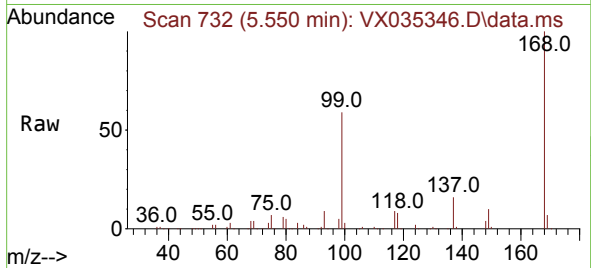




#36
1,1-Dichloropropene
Concen: 4.553 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

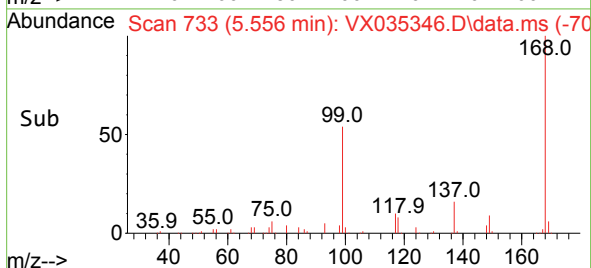
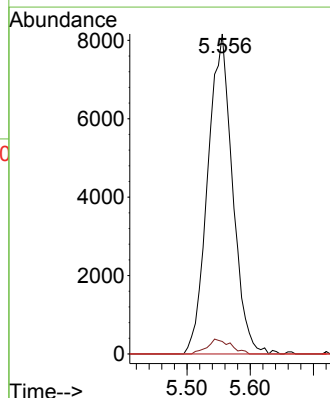
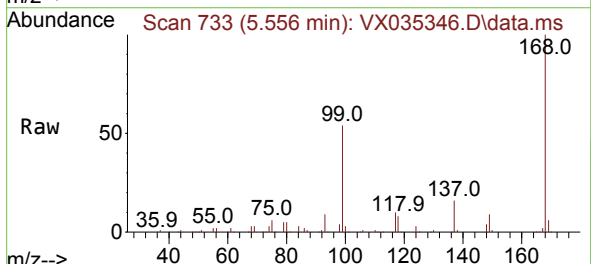
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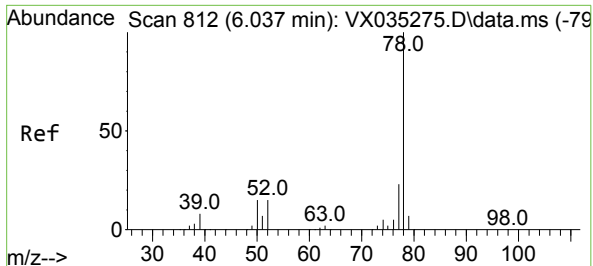
Tgt Ion: 75 Resp: 16256
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion: 117 Resp: 22213
Ion Ratio Lower Upper
117 100
119 3.9 76.6 114.8#
121 0.0 23.8 35.6#

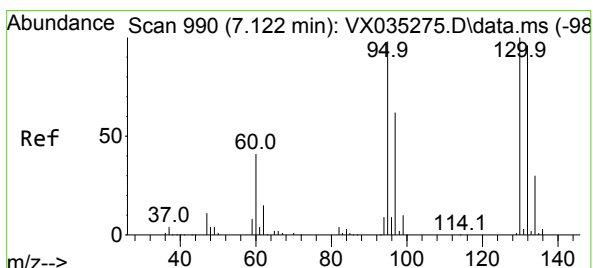
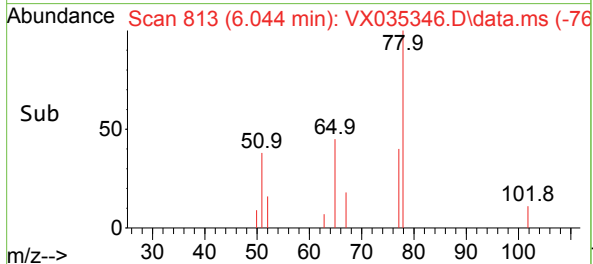
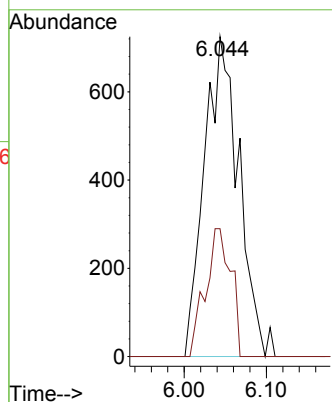
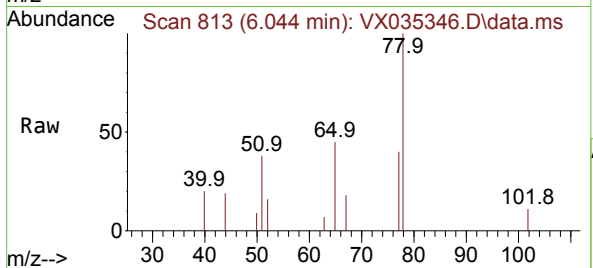




#40
Benzene
Concen: 0.207 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

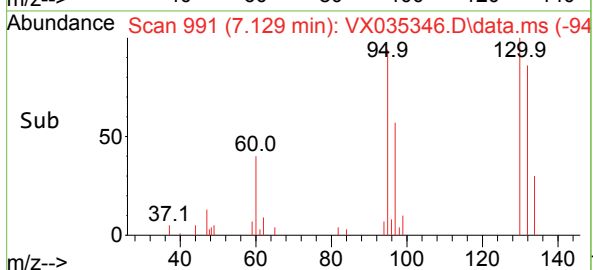
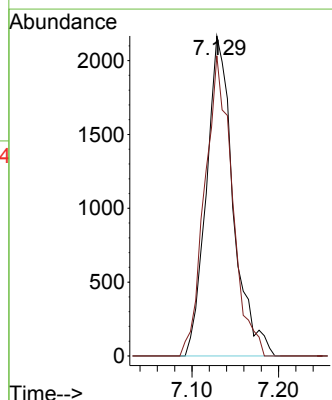
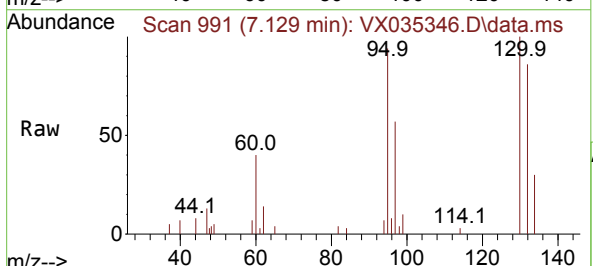
Instrument :
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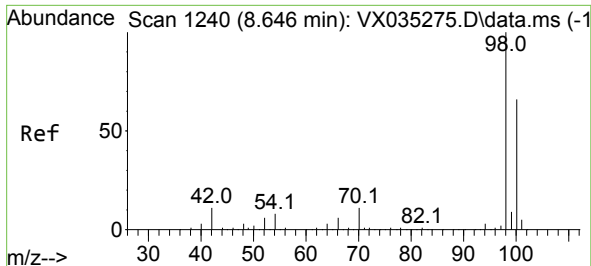
Tgt Ion: 78 Resp: 2121
Ion Ratio Lower Upper
78 100
77 40.0 19.0 28.4#



#44
Trichloroethene
Concen: 1.657 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion:130 Resp: 4674
Ion Ratio Lower Upper
130 100
95 93.9 0.0 198.4

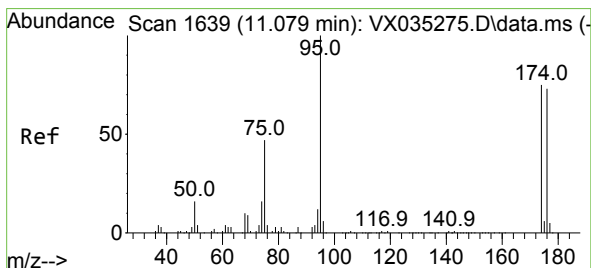
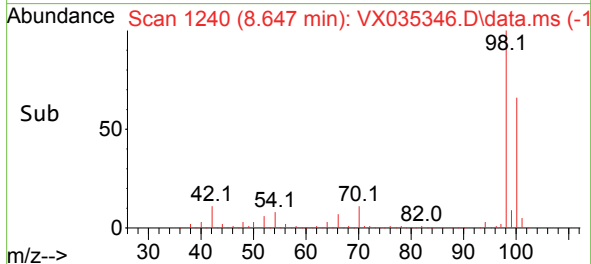
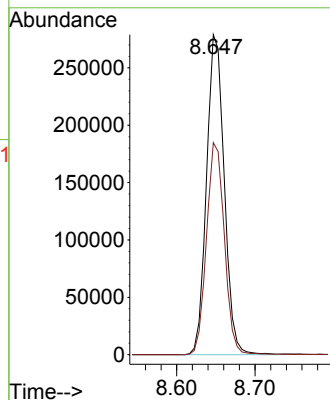
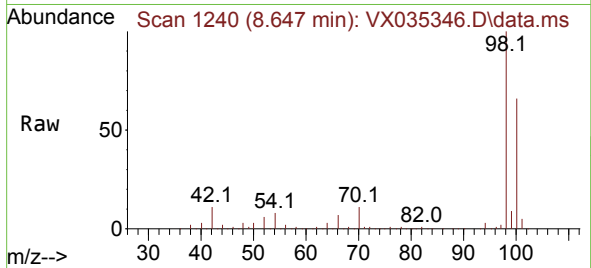




#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

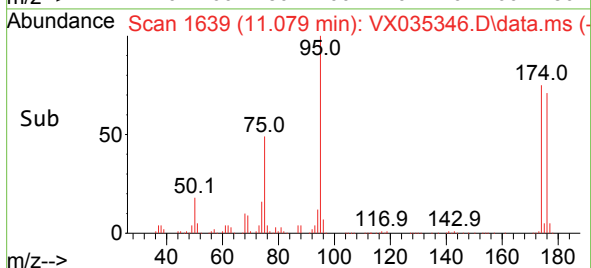
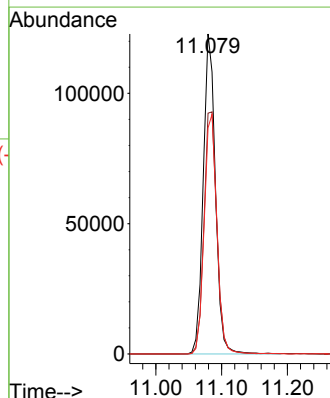
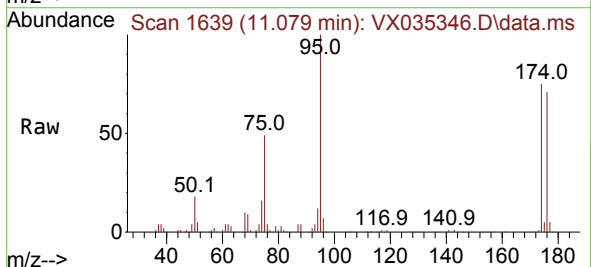
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

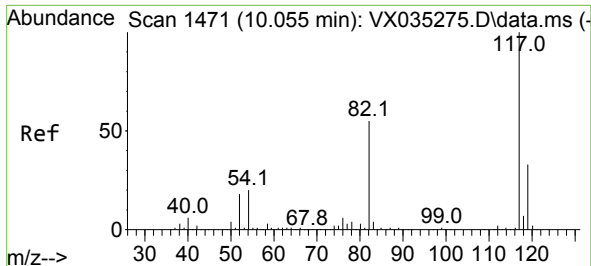
Tgt Ion: 98 Resp: 437483
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion: 95 Resp: 158040
Ion Ratio Lower Upper
95 100
174 80.1 0.0 147.4
176 78.3 0.0 140.6

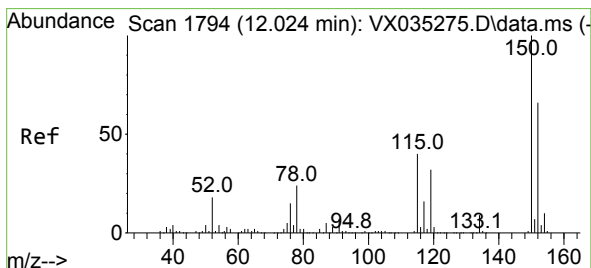
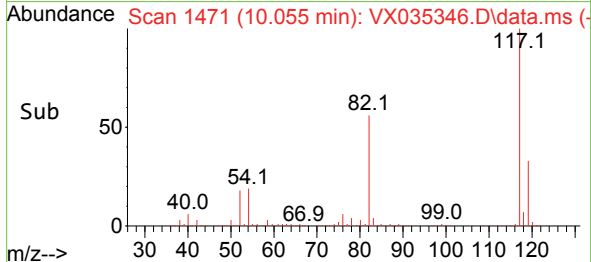
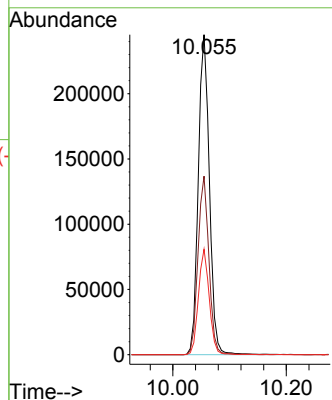
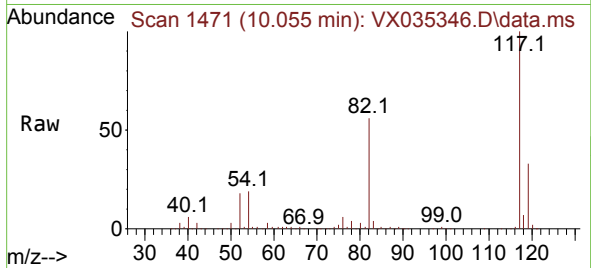




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

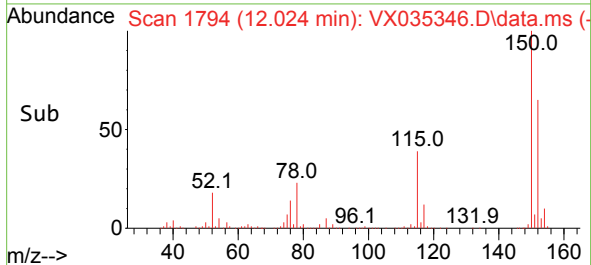
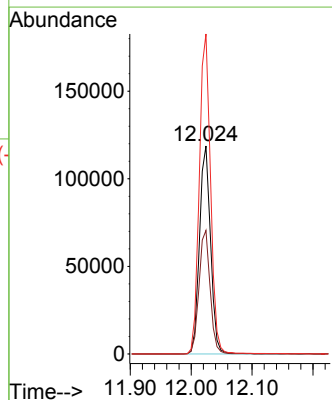
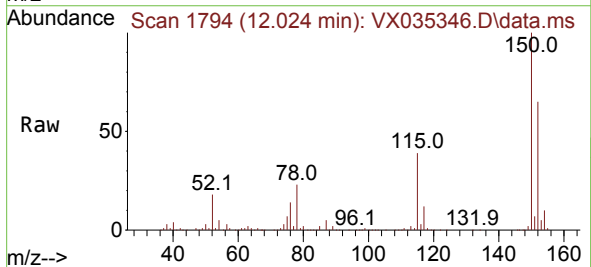
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

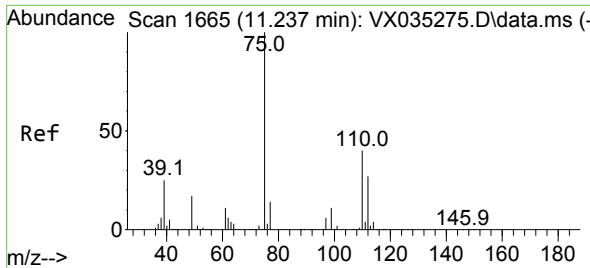
Tgt Ion:117 Resp: 333179
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion:152 Resp: 150175
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 155.6 0.0 352.4

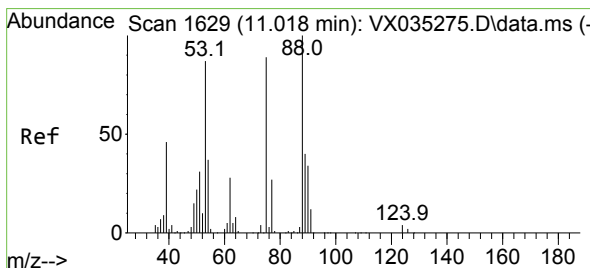
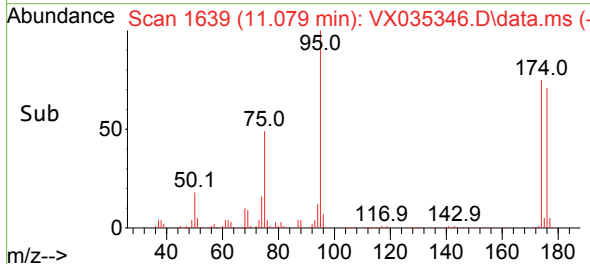
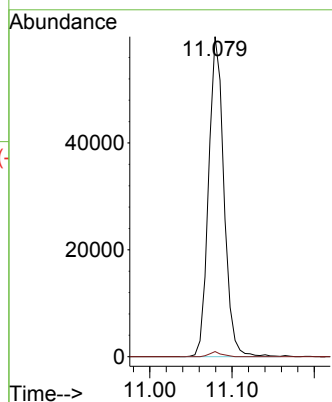
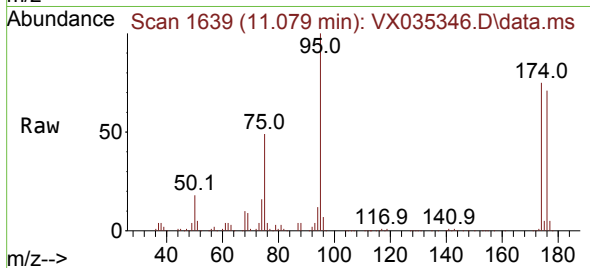




#76
1,2,3-Trichloropropane
Concen: 25.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

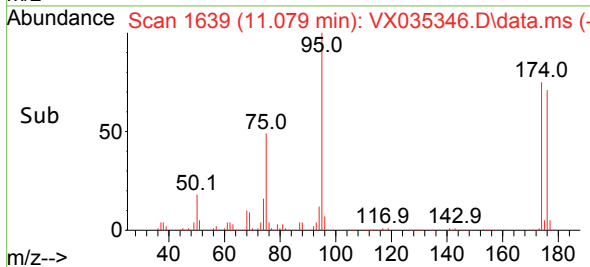
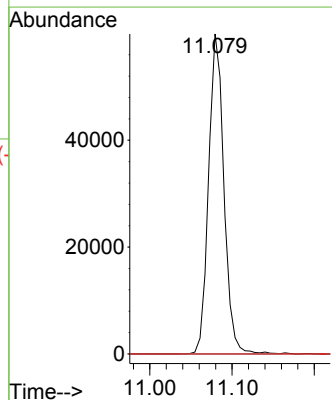
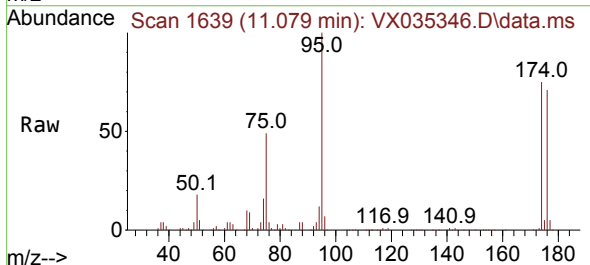
Instrument :
MSVOA_X
ClientSampleId :
GMW-11

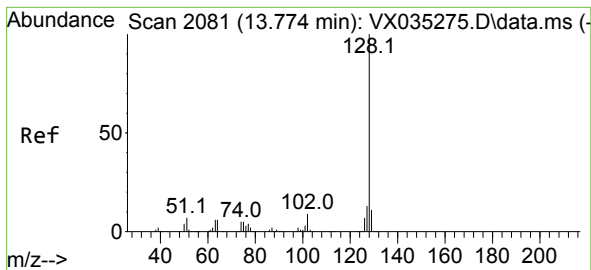
Tgt Ion: 75 Resp: 77589
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035346.D
Acq: 27 Apr 2023 17:07

Tgt Ion: 75 Resp: 77589
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 21.679 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035346.D

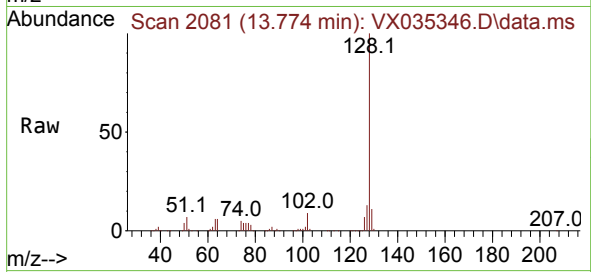
Acq: 27 Apr 2023 17:07

Instrument :

MSVOA_X

ClientSampleId :

GMW-11



Tgt Ion:128 Resp: 217584

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 13.0

