

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034267.D
 Acq On : 24 Feb 2023 16:37
 Operator : JC/MD
 Sample : 01701-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-13-GW01

Quant Time: Feb 24 22:23:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

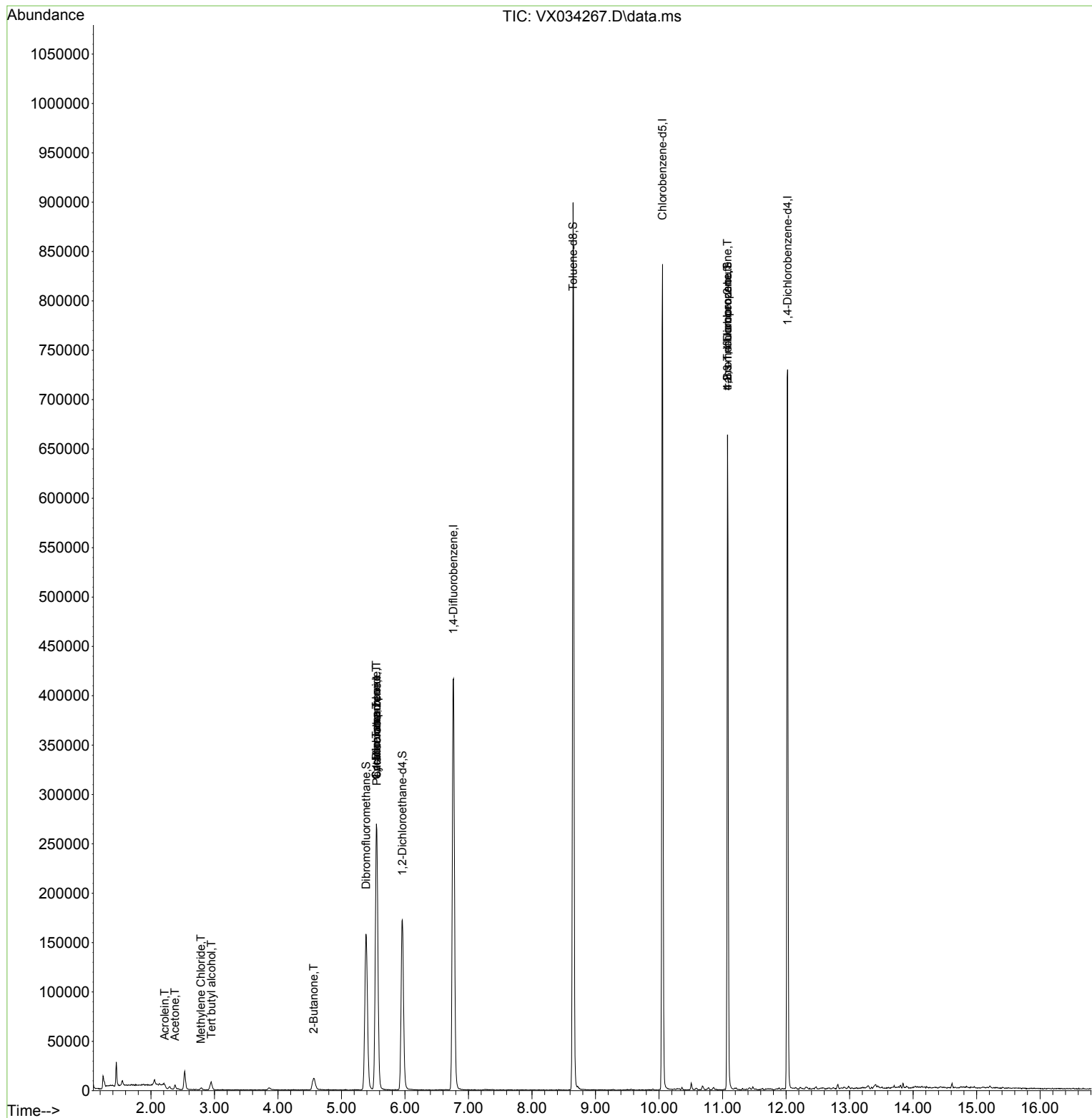
Internal Standards						
1) Pentafluorobenzene	5.556	168	271867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161349	44.068	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.140%		
35) Dibromofluoromethane	5.385	113	139755	47.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	8.647	98	528151	50.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.080%		
62) 4-Bromofluorobenzene	11.079	95	172040	42.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.220%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	260	Below Cal	#	77
11) Tert butyl alcohol	2.953	59	4723	5.767	ug/l #	92
13) Acrolein	2.215	56	234	0.626	ug/l #	1
16) Acetone	2.380	43	4191	2.219	ug/l	100
20) Methylene Chloride	2.788	84	894	0.263	ug/l #	86
25) 2-Butanone	4.562	43	848	0.310	ug/l #	51
31) Cyclohexane	5.550	56	5504	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19753	4.543	ug/l #	49
38) Carbon Tetrachloride	5.550	117	25777	5.762	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	85031	20.978	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	85031	53.892	ug/l #	8

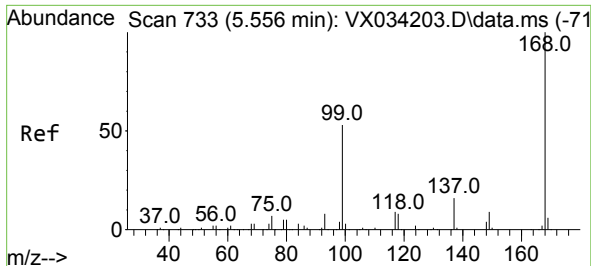
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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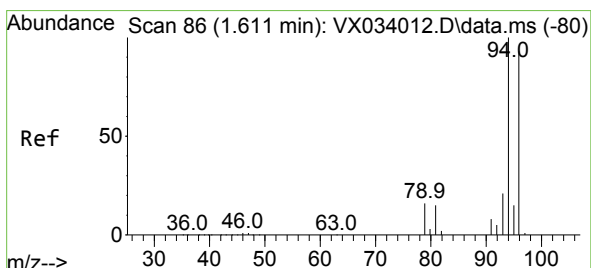
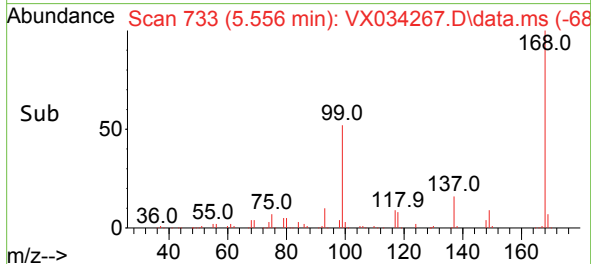
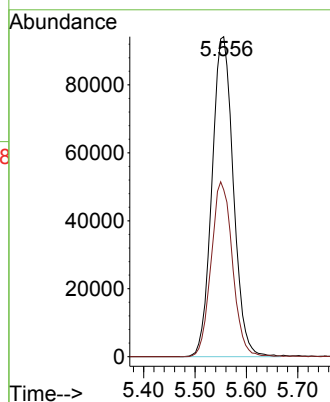
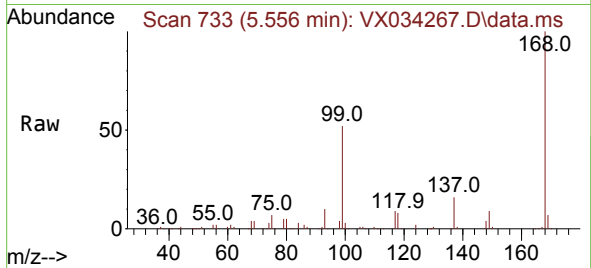




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

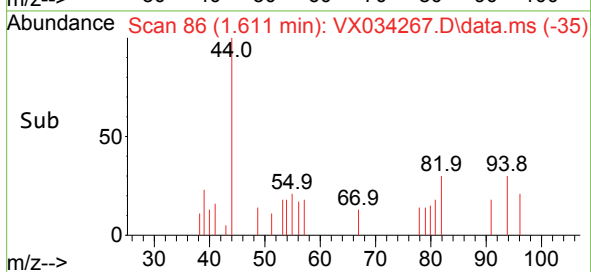
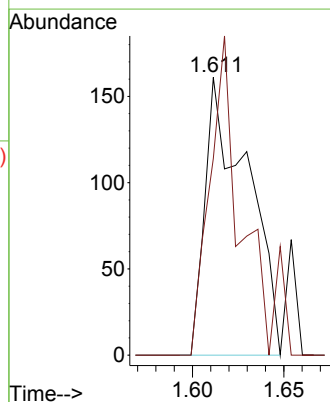
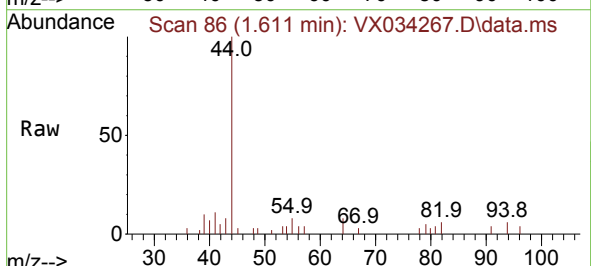
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW01

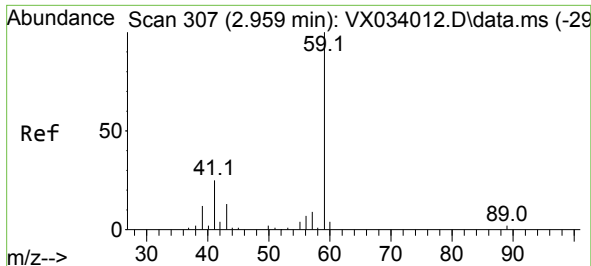
Tgt Ion:168 Resp: 271867
Ion Ratio Lower Upper
168 100
99 52.1 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 70.8 74.3 111.5#





#11

Tert butyl alcohol

Concen: 5.767 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034267.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

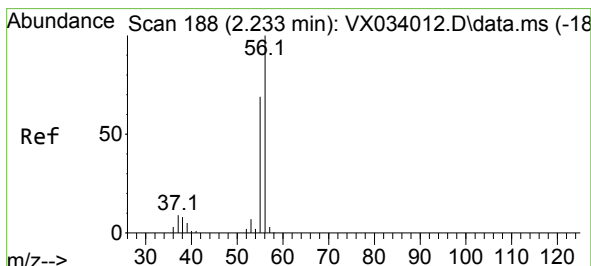
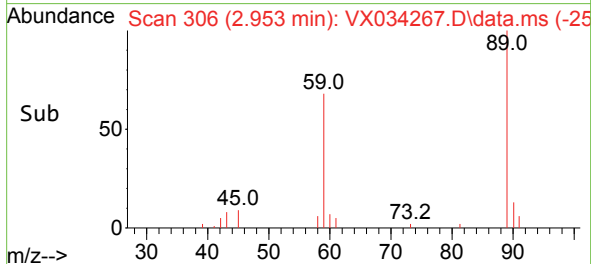
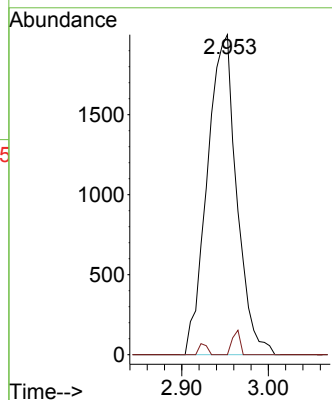
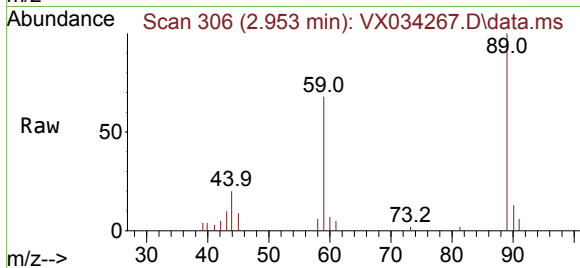
B-13-GW01

Tgt Ion: 59 Resp: 4723

Ion Ratio Lower Upper

59 100

57 2.0 3.7 5.5#



#13

Acrolein

Concen: 0.626 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034267.D

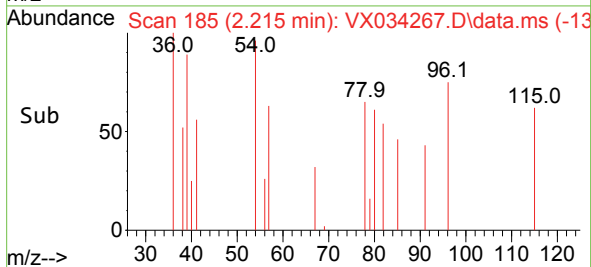
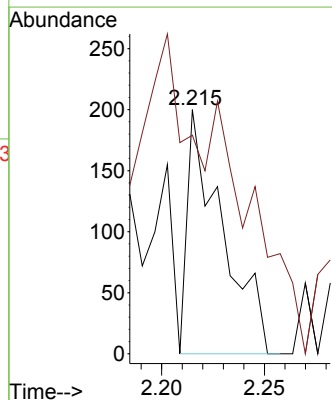
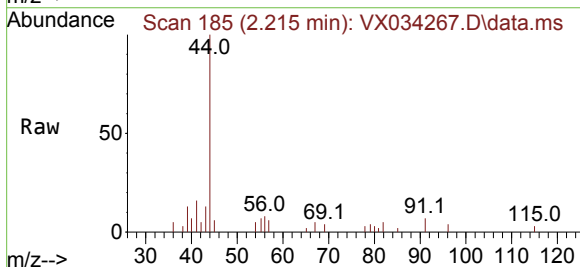
Acq: 24 Feb 2023 16:37

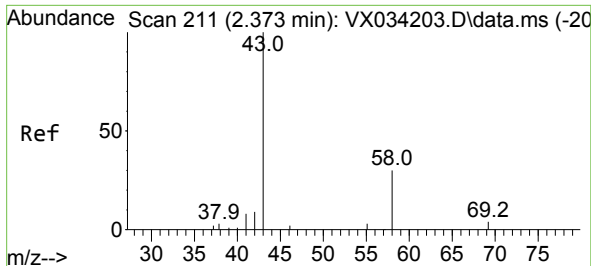
Tgt Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 310.7 56.3 84.5#

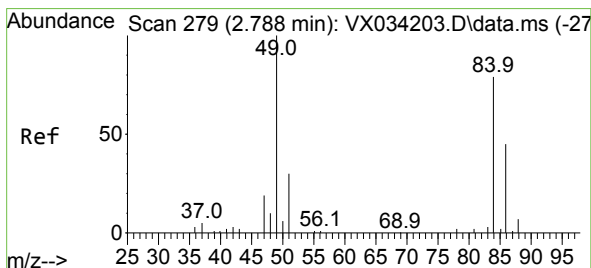
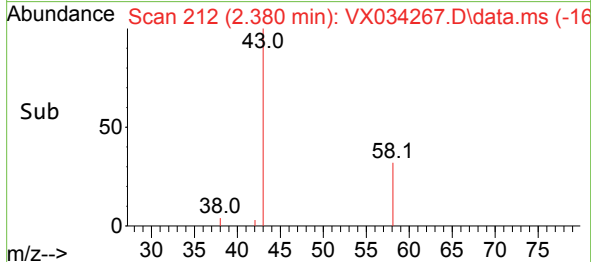
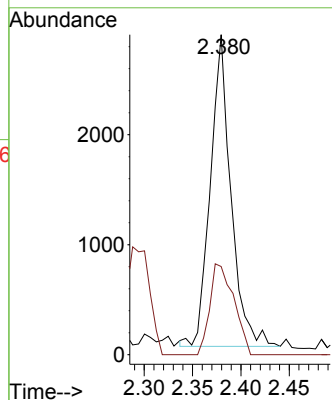
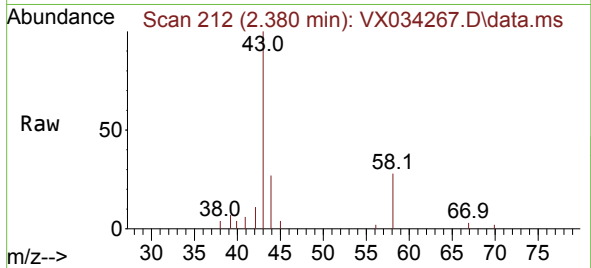




#16
Acetone
Concen: 2.219 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

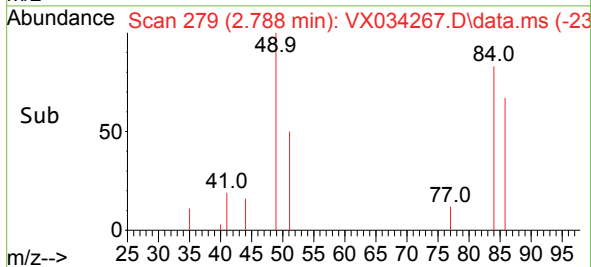
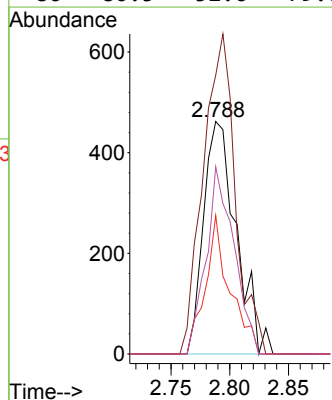
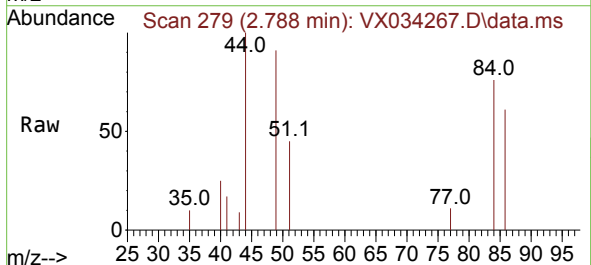
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW01

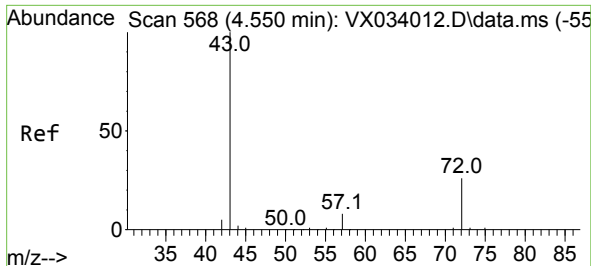
Tgt Ion: 43 Resp: 4191
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

Tgt Ion: 84 Resp: 894
Ion Ratio Lower Upper
84 100
49 119.9 101.1 151.7
51 59.5 31.0 46.6#
86 80.5 52.6 79.0#

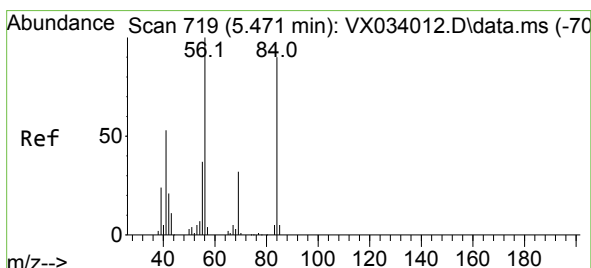
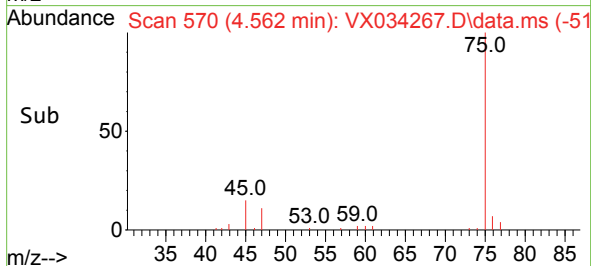
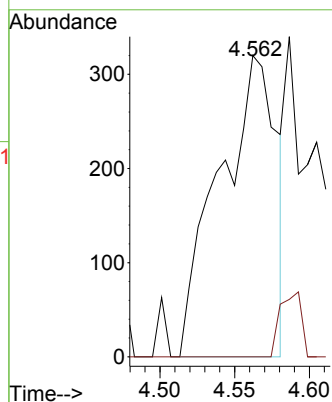
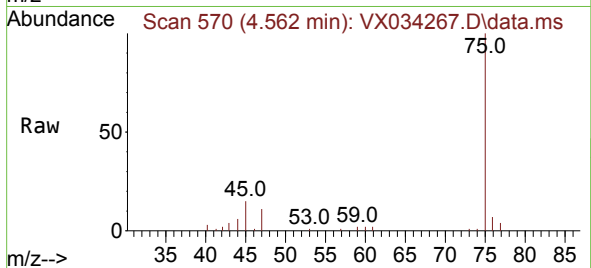




#25
2-Butanone
Concen: 0.310 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

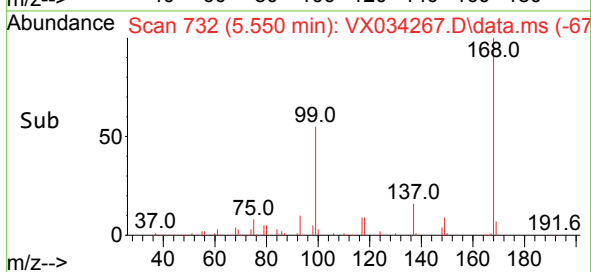
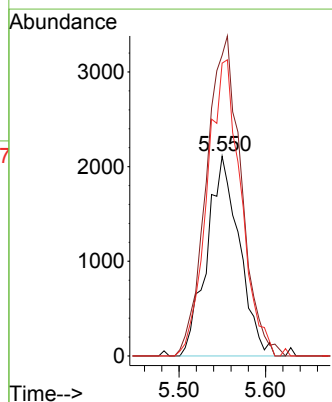
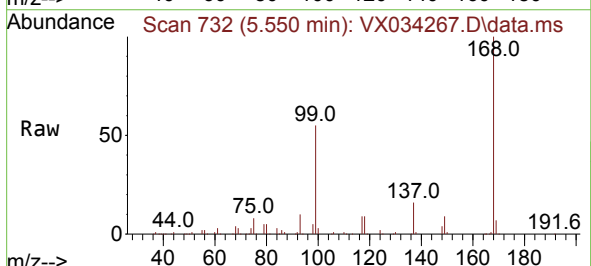
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW01

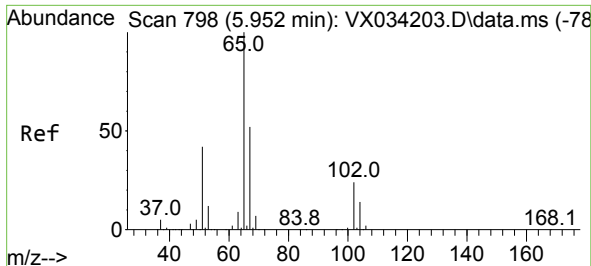
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

Tgt Ion: 56 Resp: 5504
Ion Ratio Lower Upper
56 100
69 147.5 24.6 37.0#
84 146.5 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.068 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034267.D

Acq: 24 Feb 2023 16:37

Instrument :

MSVOA_X

ClientSampleId :

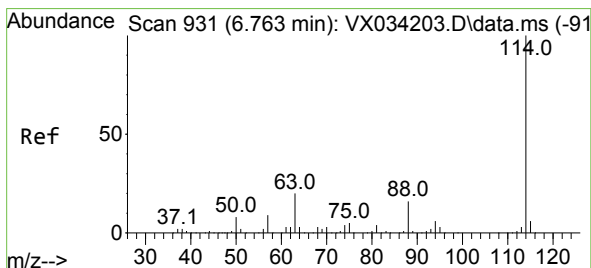
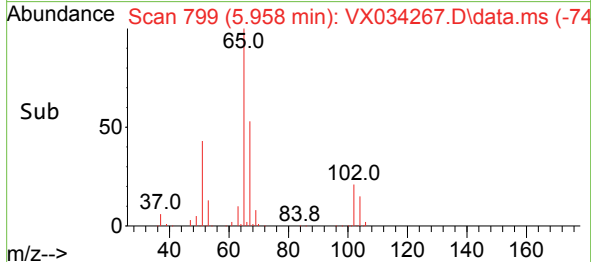
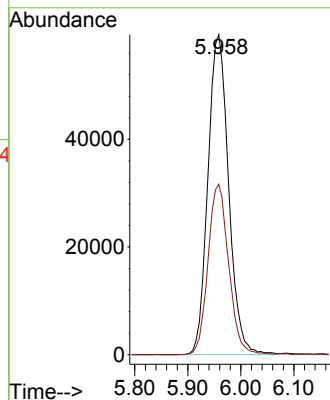
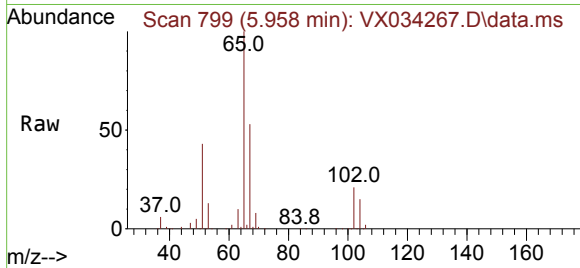
B-13-GW01

Tgt Ion: 65 Resp: 161349

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034267.D

Acq: 24 Feb 2023 16:37

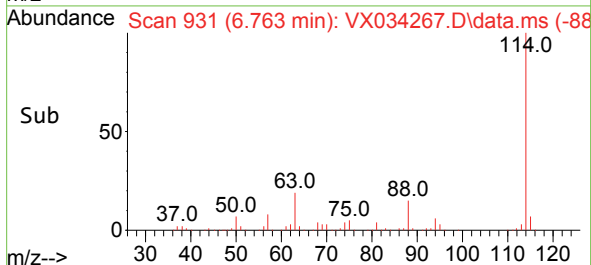
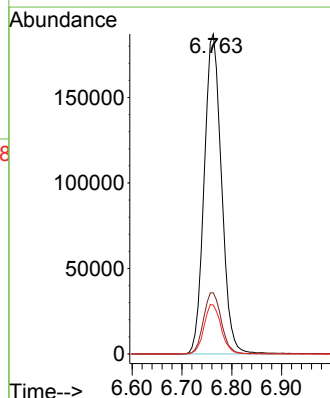
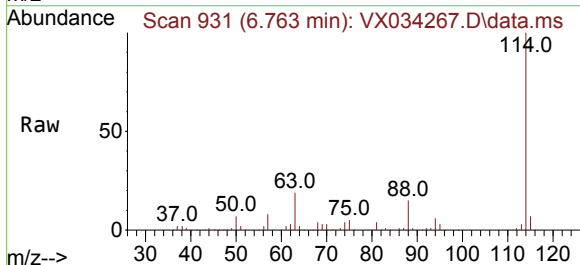
Tgt Ion: 114 Resp: 451501

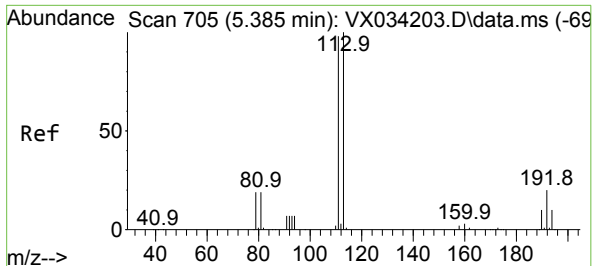
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

88 15.3 0.0 30.6

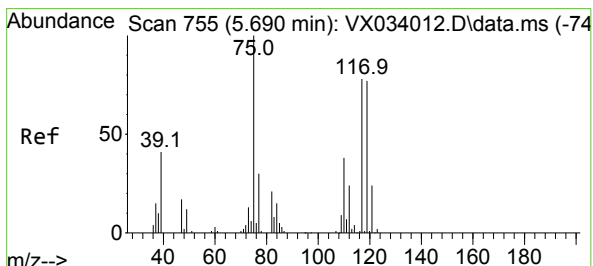
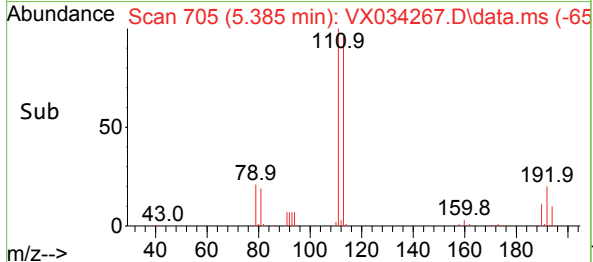
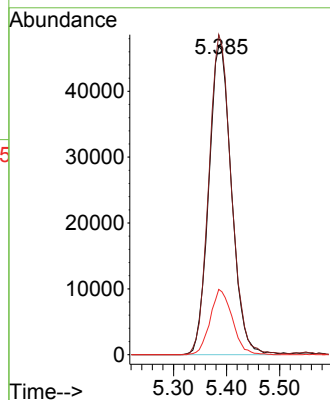
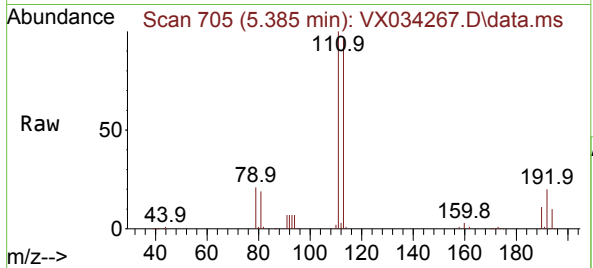




#35
Dibromofluoromethane
Concen: 47.540 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

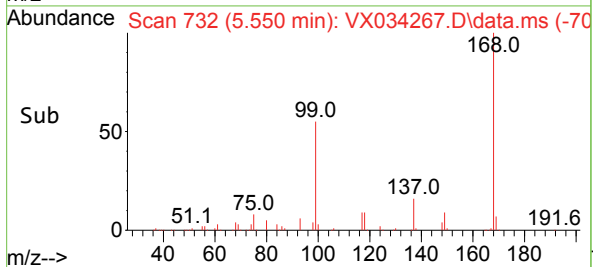
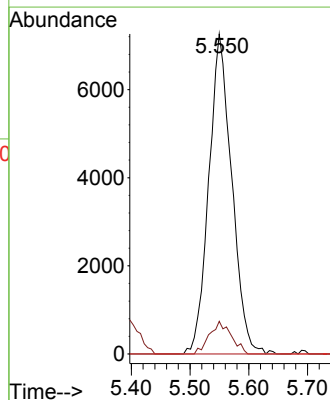
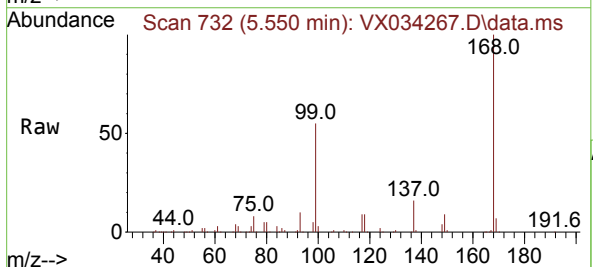
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B-13-GW01

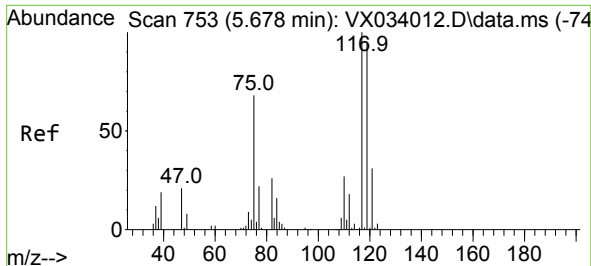
Tgt Ion:113 Resp: 139755
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.6
192 20.6 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.543 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

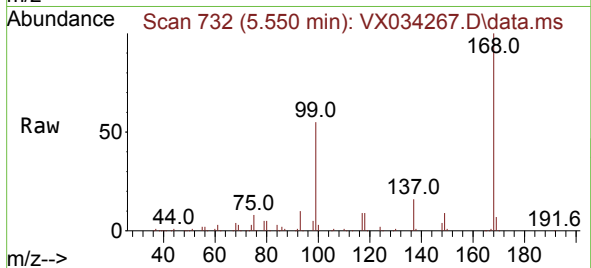
Tgt Ion: 75 Resp: 19753
Ion Ratio Lower Upper
75 100
110 9.6 18.8 56.4#
77 0.0 25.1 37.7#



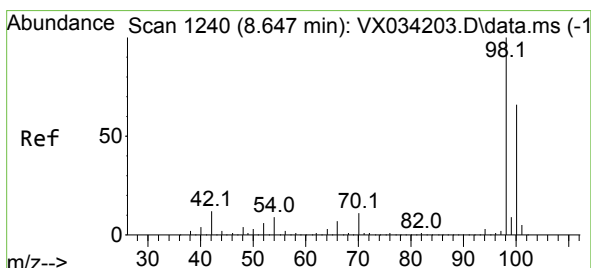
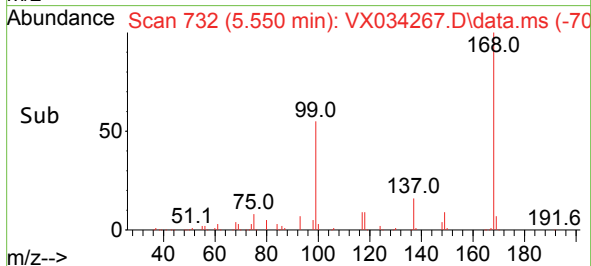
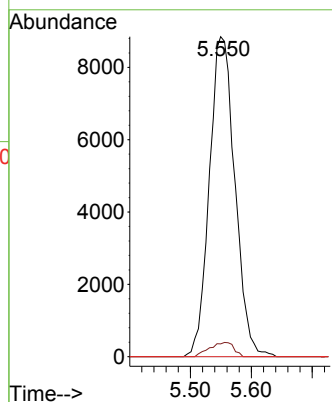


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

Instrument :
MSVOA_X
ClientSampleId :
B-13-GW01

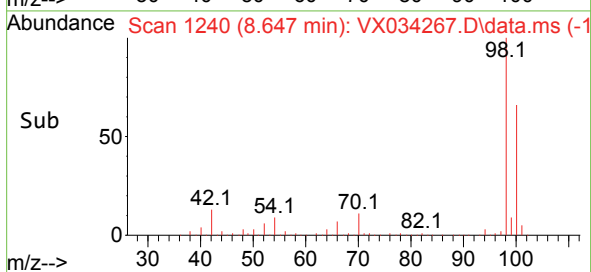
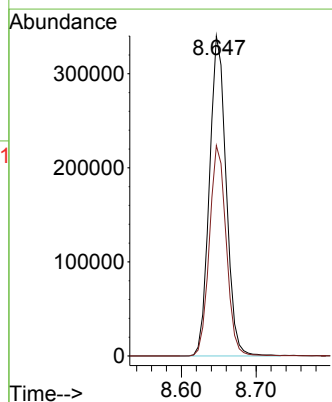
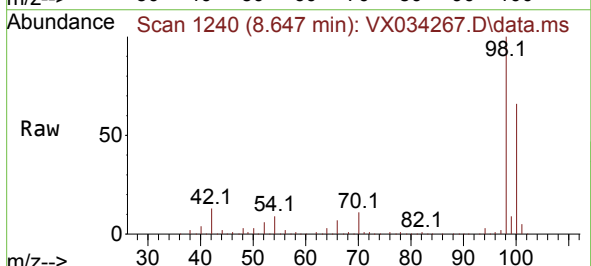


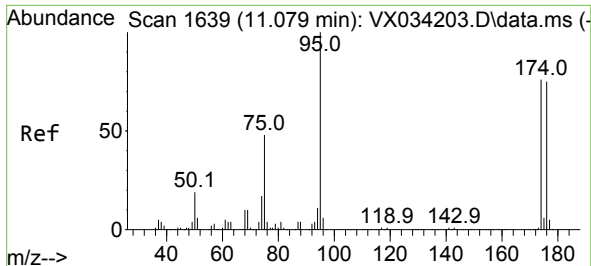
Tgt Ion:117 Resp: 25777
Ion Ratio Lower Upper
117 100
119 4.0 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

Tgt Ion: 98 Resp: 528151
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

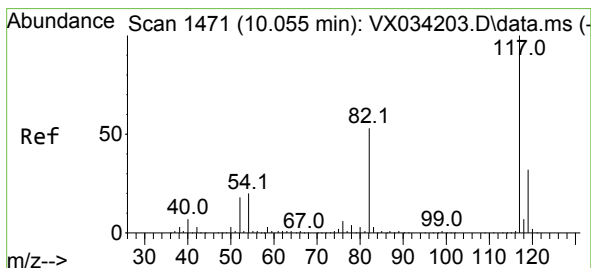
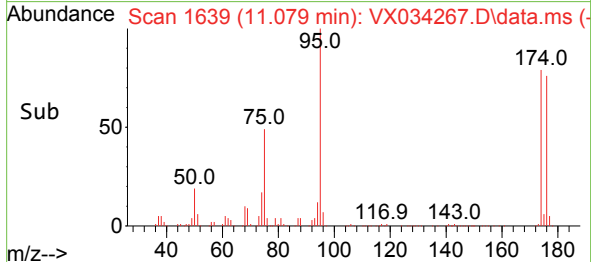
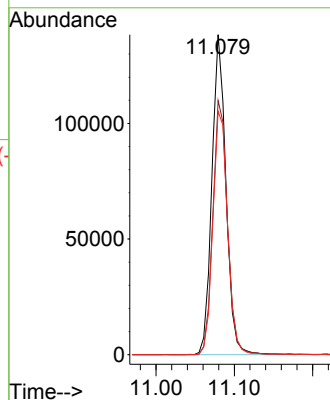
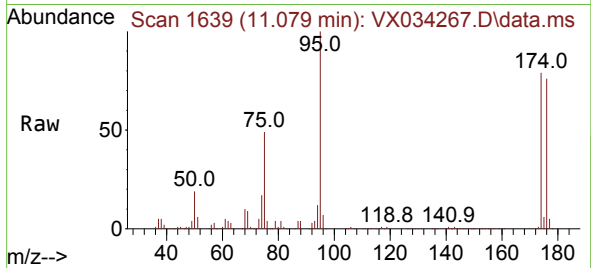




#62
4-Bromofluorobenzene
Concen: 42.614 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

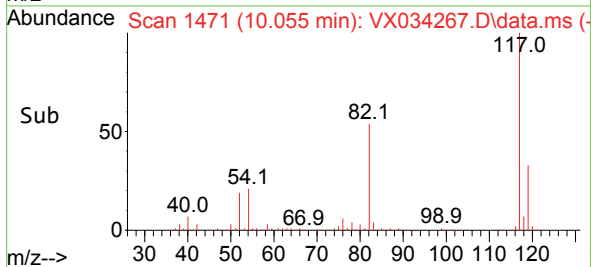
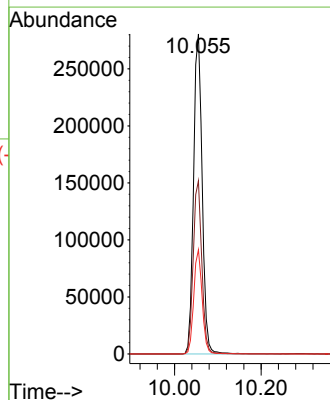
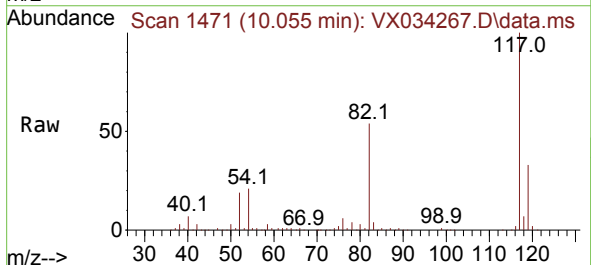
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW01

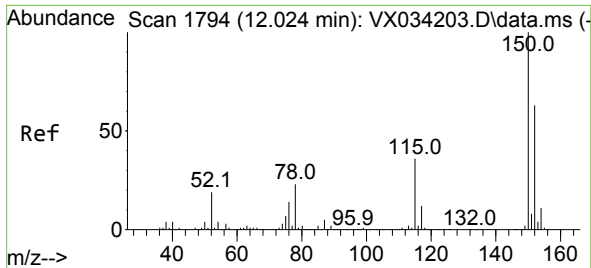
Tgt Ion: 95 Resp: 172040
Ion Ratio Lower Upper
95 100
174 82.7 0.0 184.4
176 80.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034267.D
Acq: 24 Feb 2023 16:37

Tgt Ion: 117 Resp: 388208
Ion Ratio Lower Upper
117 100
82 54.1 40.6 60.8
119 32.6 25.6 38.4

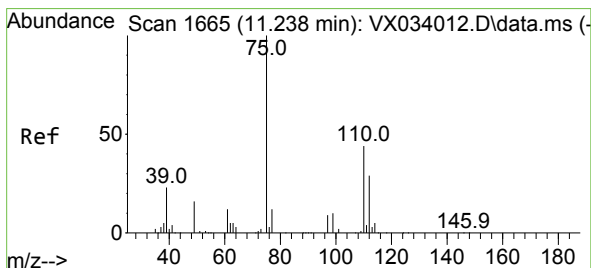
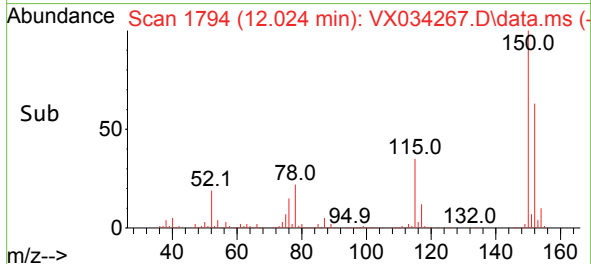
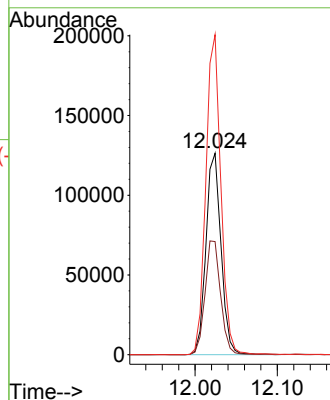
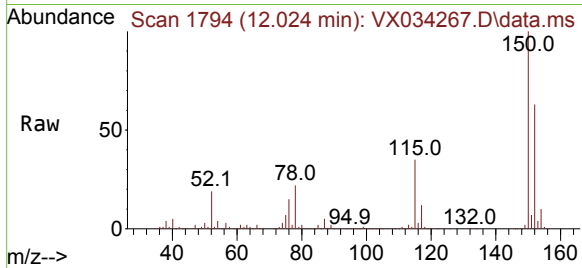




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034267.D
 Acq: 24 Feb 2023 16:37

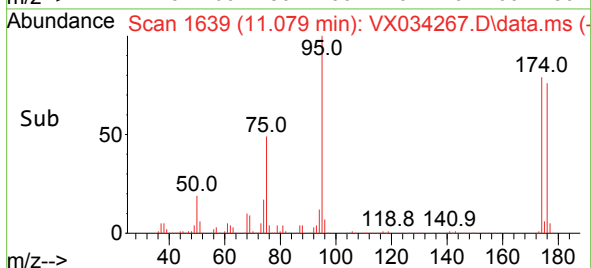
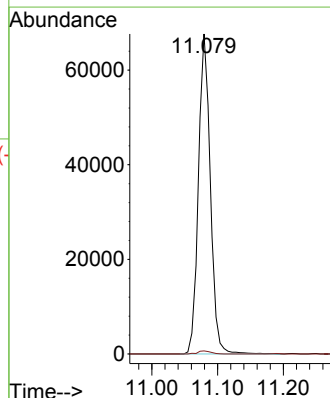
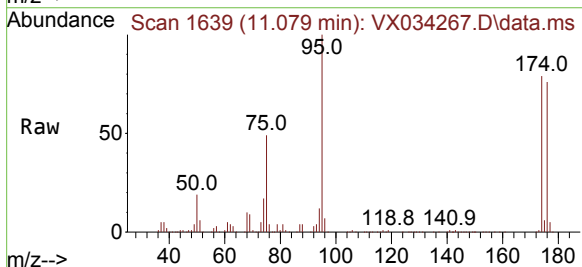
Instrument :
 MSVOA_X
 ClientSampleId :
 B-13-GW01

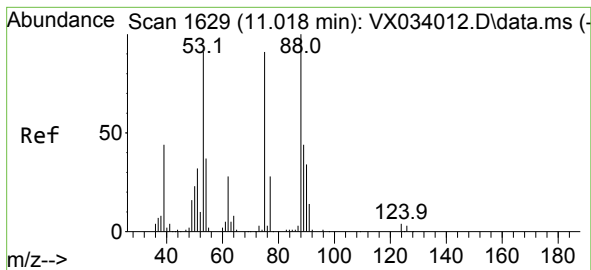
Tgt Ion:152 Resp: 161081
 Ion Ratio Lower Upper
 152 100
 115 58.3 38.7 116.1
 150 158.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.978 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034267.D
 Acq: 24 Feb 2023 16:37

Tgt Ion: 75 Resp: 85031
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.892 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034267.D
 Acq: 24 Feb 2023 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 B-13-GW01

Tgt Ion: 75 Resp: 85031
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.1 37.7 56.5#

