

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034512.D
 Acq On : 15 Mar 2023 16:45
 Operator : JC/MD
 Sample : 01922-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-05B-69-74-031423

Quant Time: Mar 16 05:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	242969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171082	50.000	ug/l	0.00

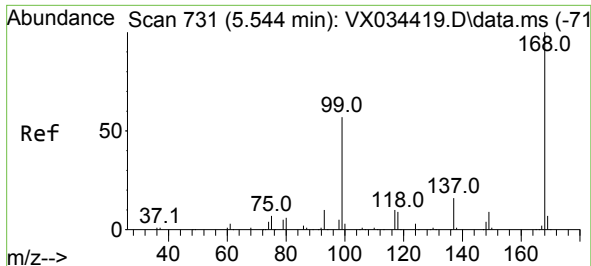
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167396	47.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	131672	47.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	508561	48.815	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.079	95	199776	47.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%

Target Compounds					Qvalue	
3) Chloromethane	1.294	50	199	Below Cal	#	1
11) Tert butyl alcohol	2.940	59	543	0.738	ug/l #	73
12) 1,1-Dichloroethene	2.318	96	4181	1.572	ug/l	99
13) Acrolein	2.227	56	154	0.264	ug/l #	73
16) Acetone	2.373	43	2431	1.460	ug/l	91
20) Methylene Chloride	2.782	84	687	0.213	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	7052	1.276	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	10687	3.143	ug/l	92
30) Chloroform	5.086	83	1200	0.222	ug/l	85
31) Cyclohexane	5.550	56	5550	1.120	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	19866	4.635	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24714	5.796	ug/l #	15
42) 1,2-Dichloroethane	6.104	62	4955	1.075	ug/l #	75
44) Trichloroethene	7.123	130	2548	0.782	ug/l	70
49) 1,4-Dioxane	7.677	88	307	3.831	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	107667	27.408	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	107667	74.148	ug/l #	8

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

Quant Time: Mar 16 05:21:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

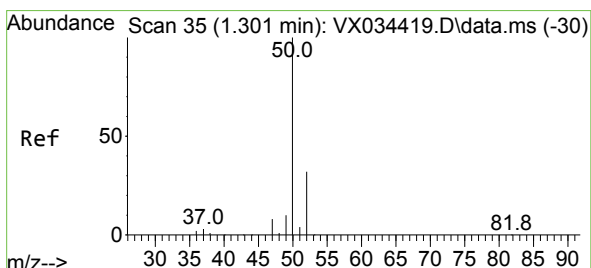
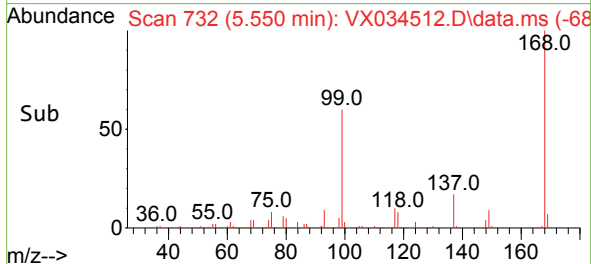
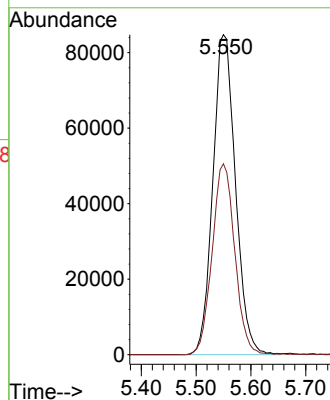
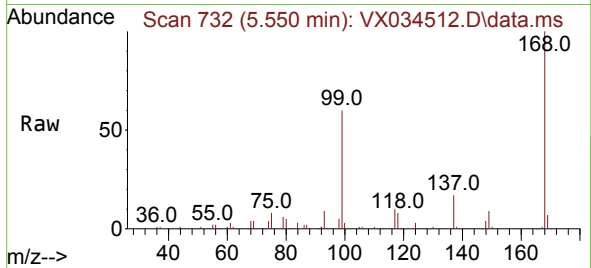




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

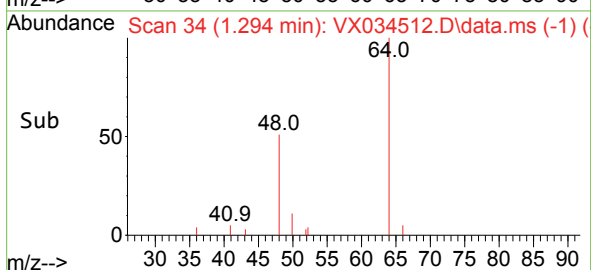
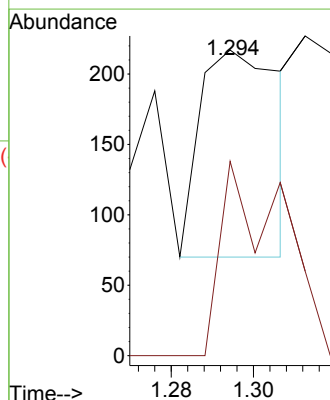
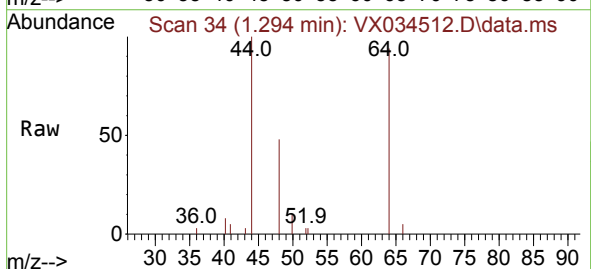
Instrument :
MSVOA_X
ClientSampleId :
GWOW-05B-69-74-031423

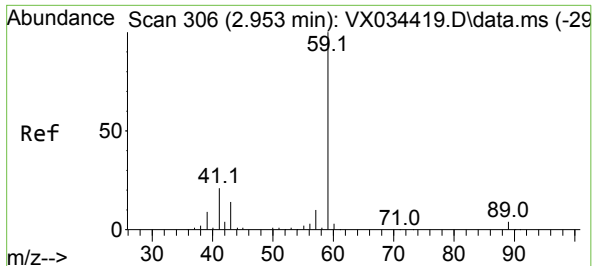
Tgt Ion:168 Resp: 242969
Ion Ratio Lower Upper
168 100
99 59.7 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 93.9 25.9 38.9#

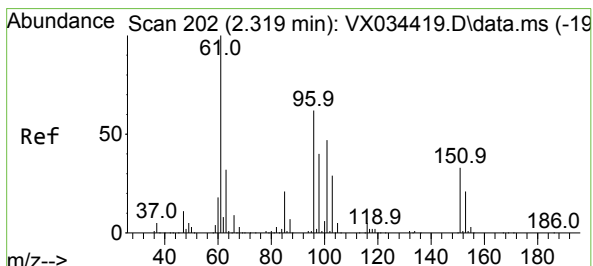
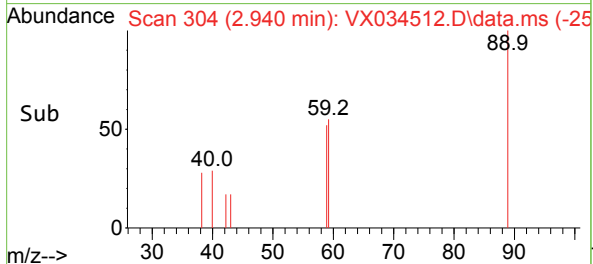
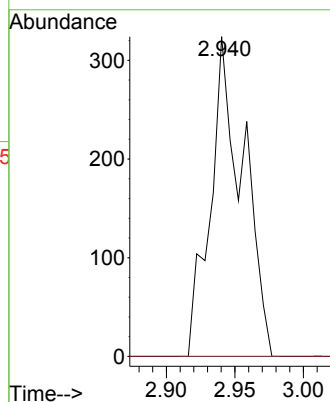
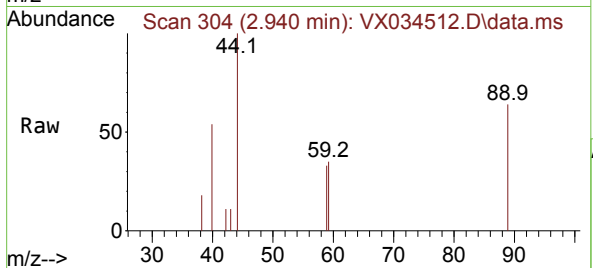




#11
Tert butyl alcohol
Concen: 0.738 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

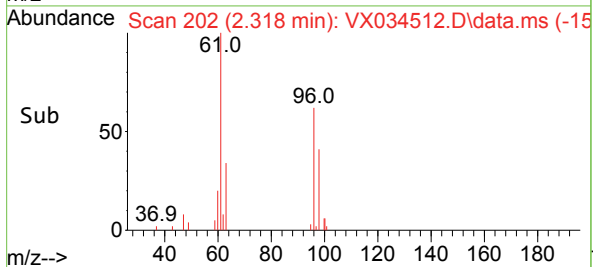
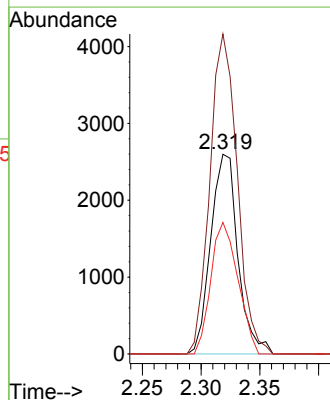
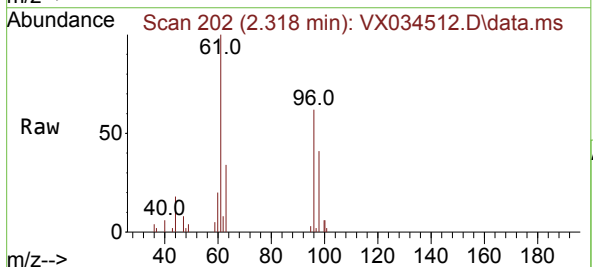
Instrument :
MSVOA_X
ClientSampleId :
GWOW-05B-69-74-031423

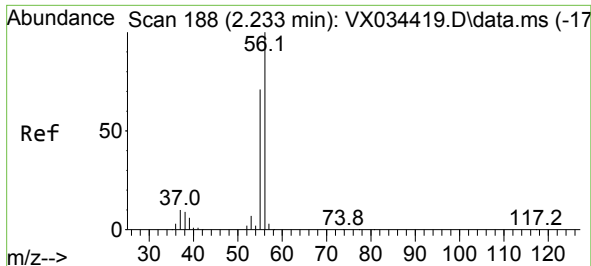
Tgt Ion: 59 Resp: 543
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 1.572 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion: 96 Resp: 4181
Ion Ratio Lower Upper
96 100
61 160.3 128.8 193.2
98 65.9 51.4 77.0

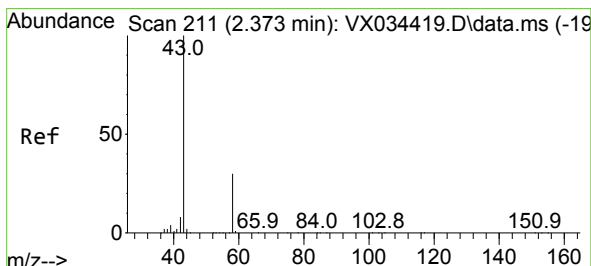
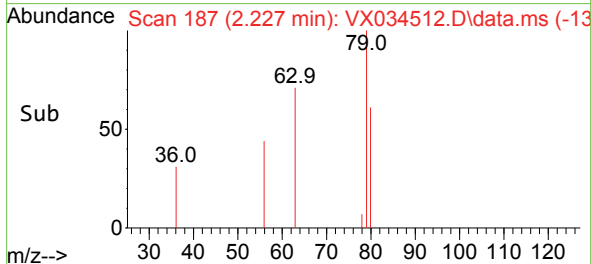
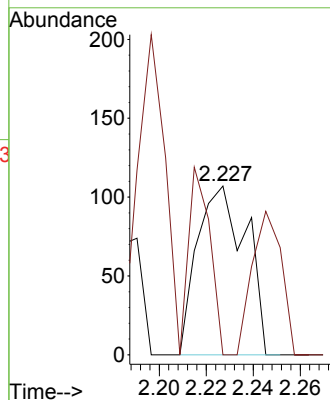
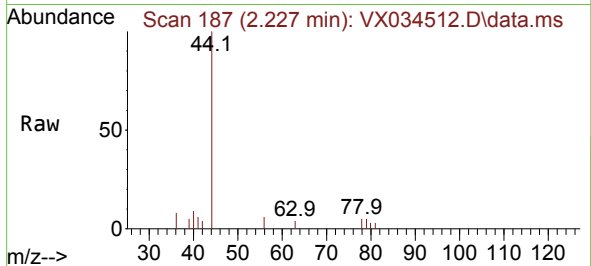




#13
Acrolein
Concen: 0.264 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

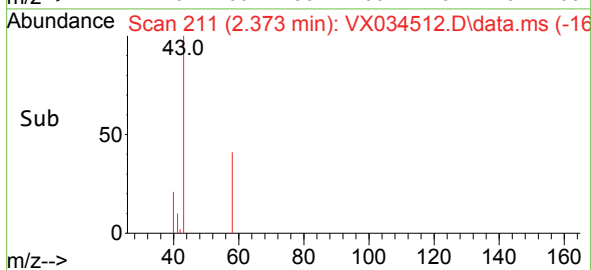
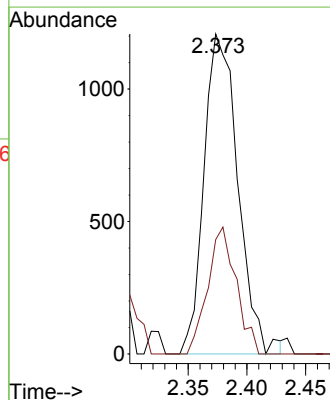
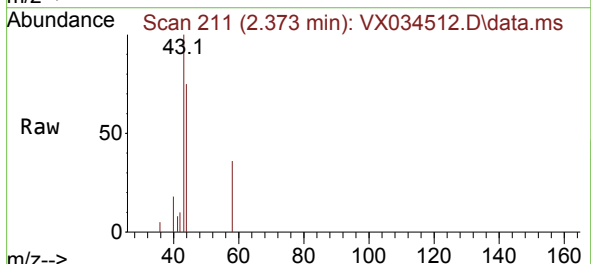
Instrument : MSVOA_X
ClientSampleId : GWOW-05B-69-74-031423

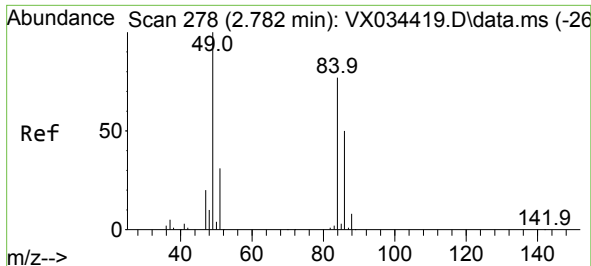
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 48.7 56.6 85.0#



#16
Acetone
Concen: 1.460 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

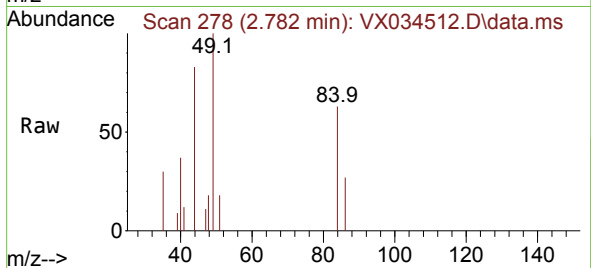
Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 35.8 24.7 37.1



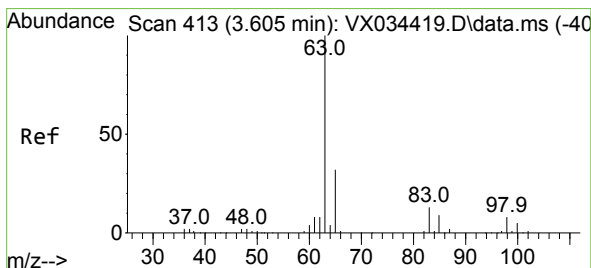
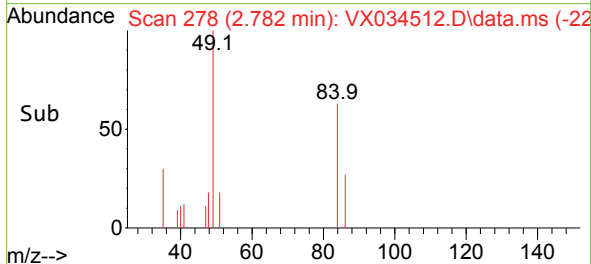
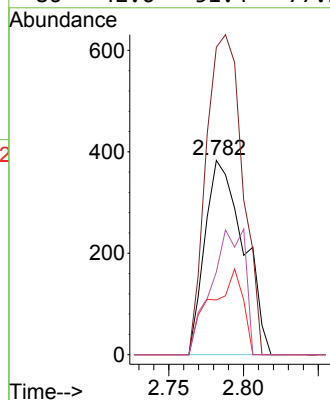


#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Instrument :
MSVOA_X
ClientSampleId :
GWOW-05B-69-74-031423

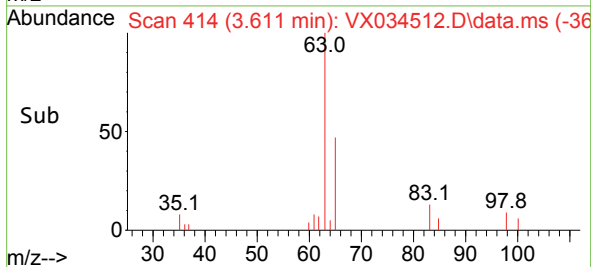
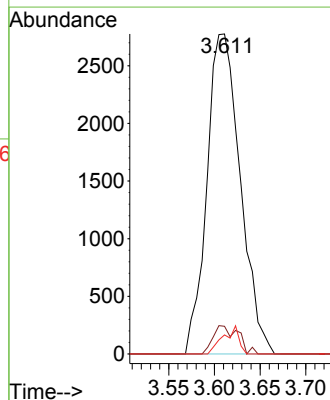
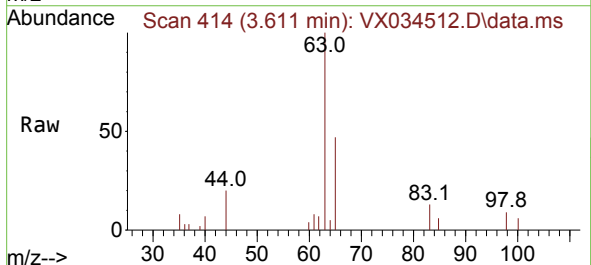


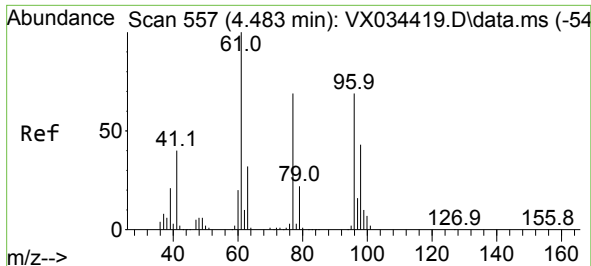
Tgt Ion:	84	Resp:	687
Ion	Ratio	Lower	Upper
84	100		
49	158.2	103.8	155.8#
51	28.2	31.8	47.8#
86	42.6	51.4	77.2#



#24
1,1-Dichloroethane
Concen: 1.276 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion:	63	Resp:	7052
Ion	Ratio	Lower	Upper
63	100		
98	8.7	3.8	11.2
100	6.0	2.4	7.1





#27

cis-1,2-Dichloroethene

Concen: 3.143 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034512.D

Acq: 15 Mar 2023 16:45

Instrument :

MSVOA_X

ClientSampleId :

GWOW-05B-69-74-031423

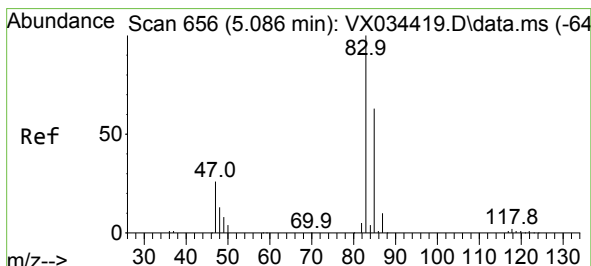
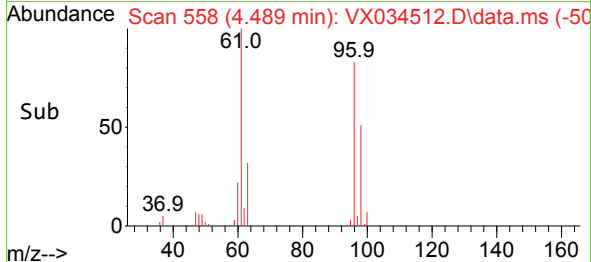
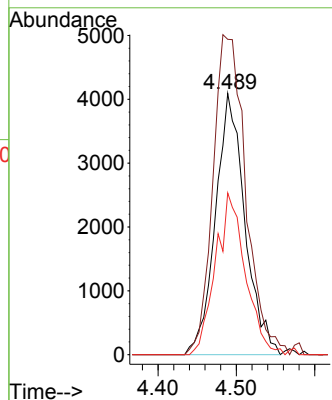
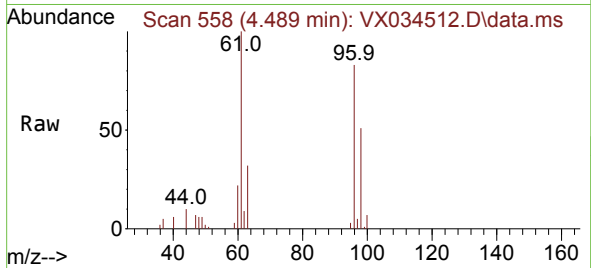
Tgt Ion: 96 Resp: 10687

Ion Ratio Lower Upper

96 100

61 136.2 0.0 300.4

98 62.6 0.0 129.0



#30

Chloroform

Concen: 0.222 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX034512.D

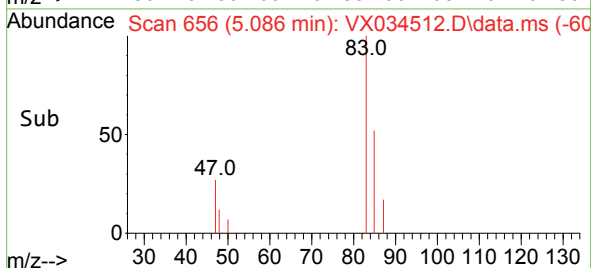
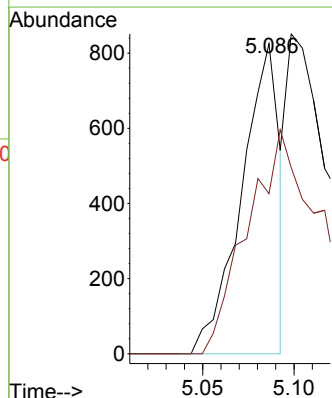
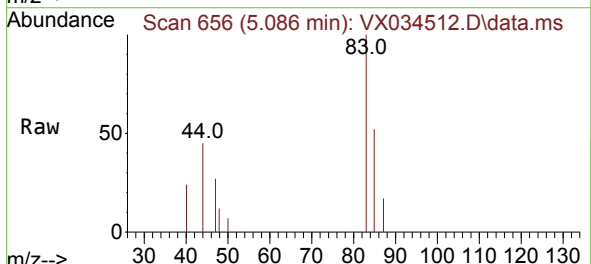
Acq: 15 Mar 2023 16:45

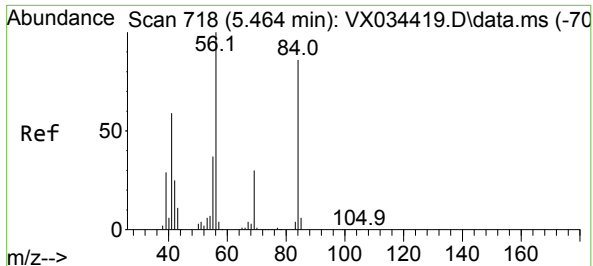
Tgt Ion: 83 Resp: 1200

Ion Ratio Lower Upper

83 100

85 51.6 50.6 76.0

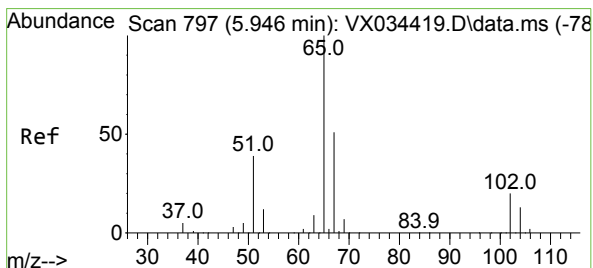
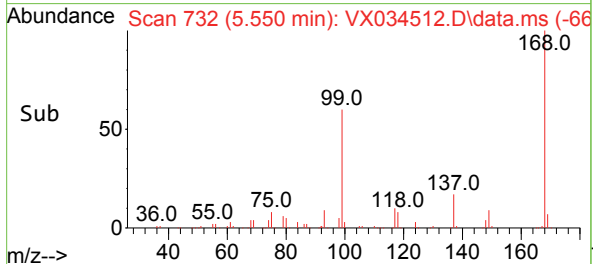
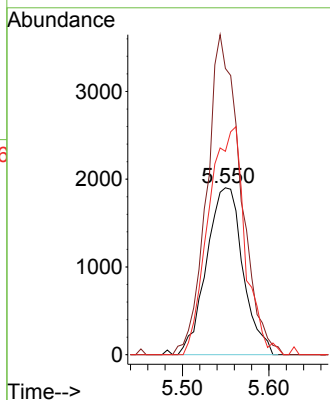
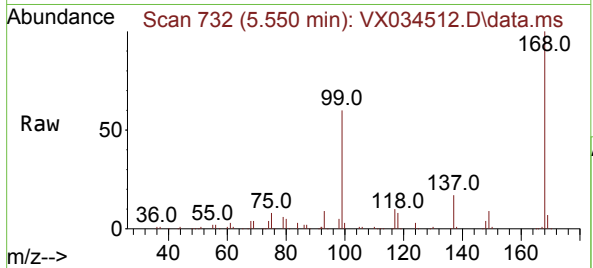




#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

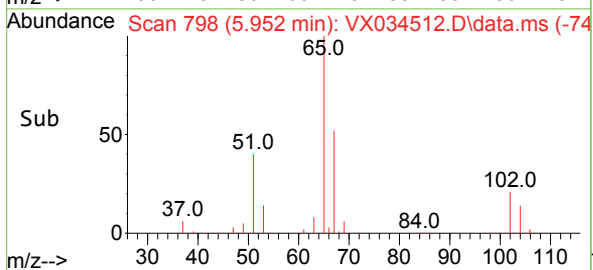
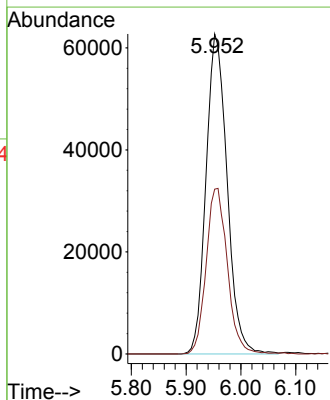
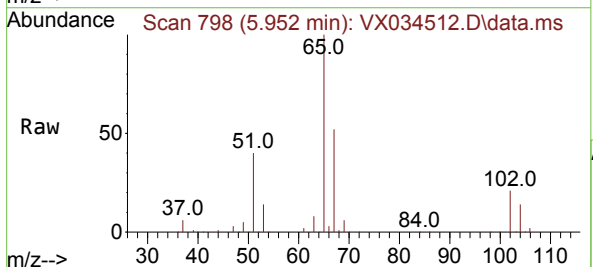
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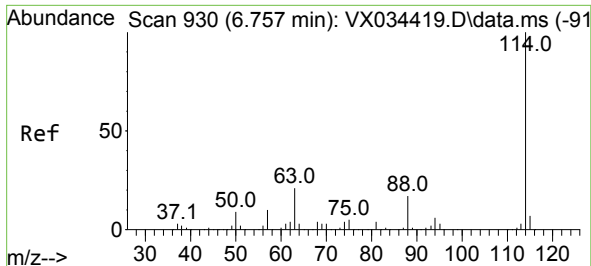
Tgt Ion: 56 Resp: 5550
Ion Ratio Lower Upper
56 100
69 166.7 23.7 35.5#
84 121.8 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.358 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion: 65 Resp: 167396
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

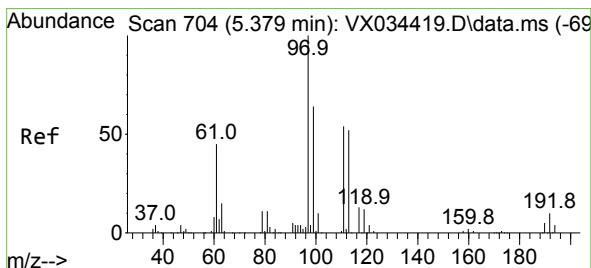
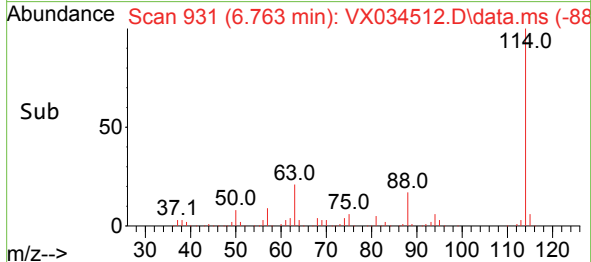
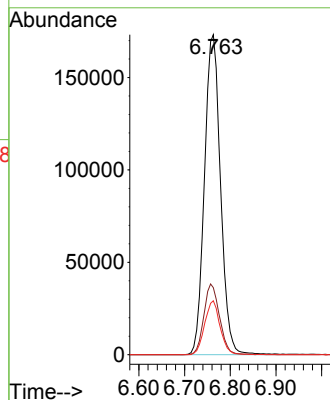
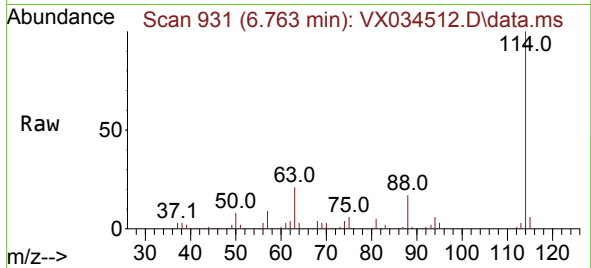




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

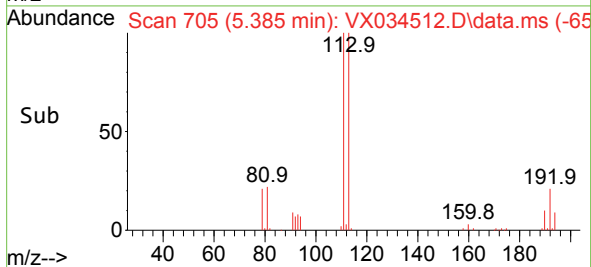
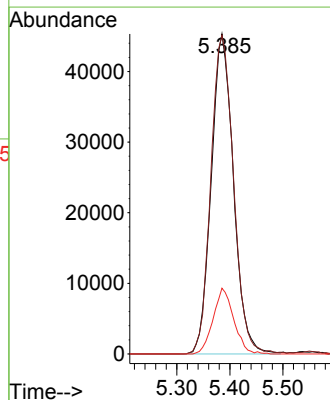
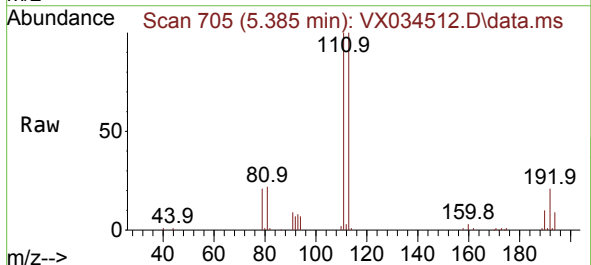
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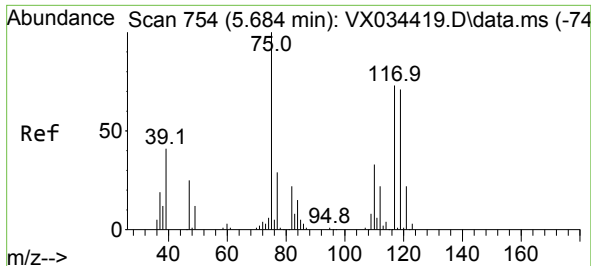
Tgt Ion:114 Resp: 422685
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.181 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion:113 Resp: 131672
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 19.1 15.4 23.2

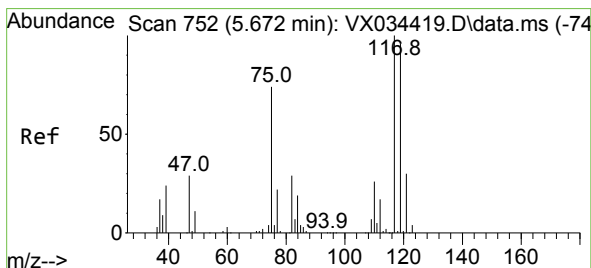
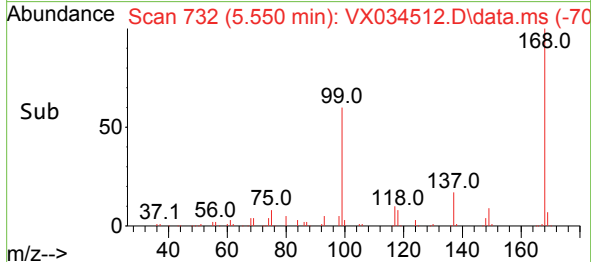
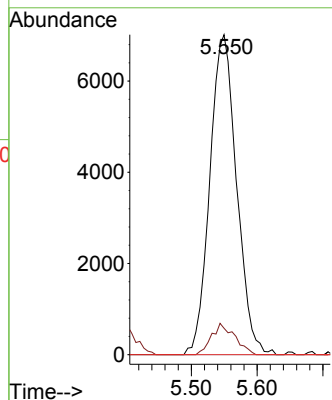
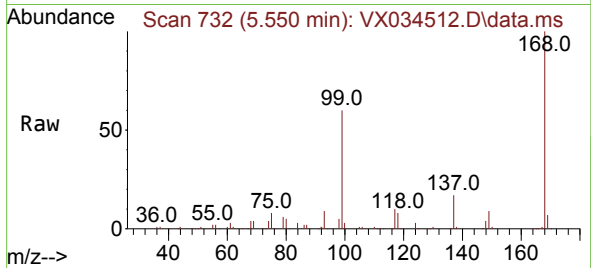




#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

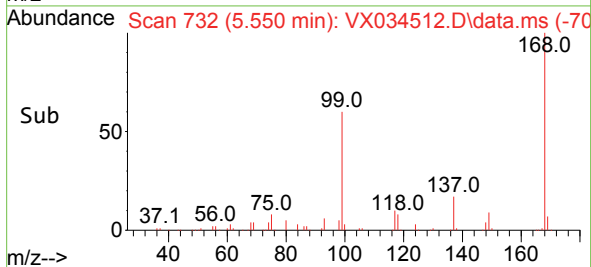
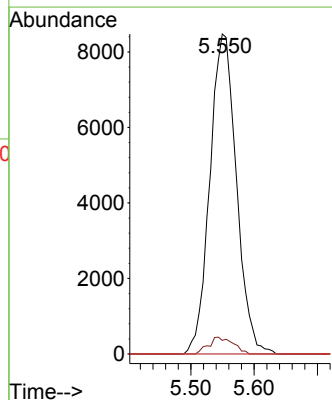
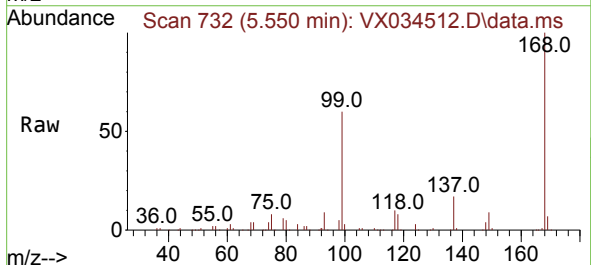
Instrument :
MSVOA_X
ClientSampleId :
GWOW-05B-69-74-031423

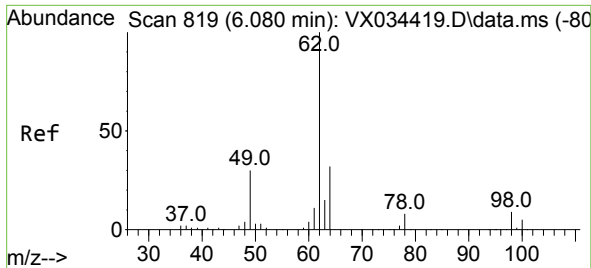
Tgt Ion: 75 Resp: 19866
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion: 117 Resp: 24714
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#

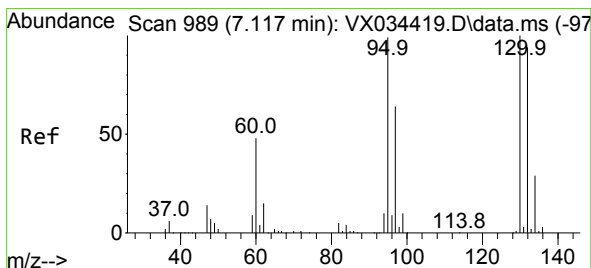
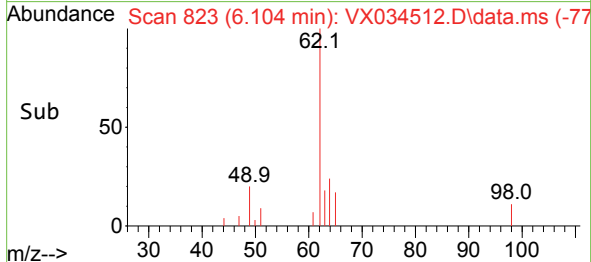
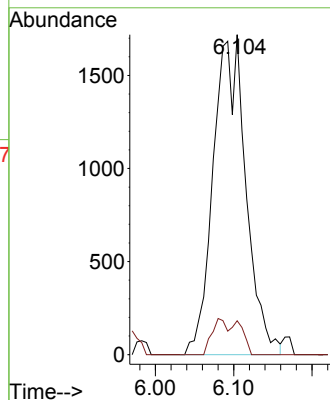
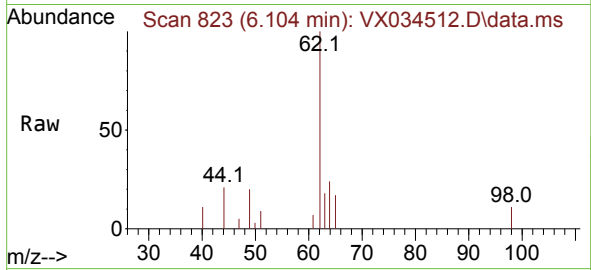




#42
1,2-Dichloroethane
Concen: 1.075 ug/l
RT: 6.104 min Scan# 819
Delta R.T. 0.024 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

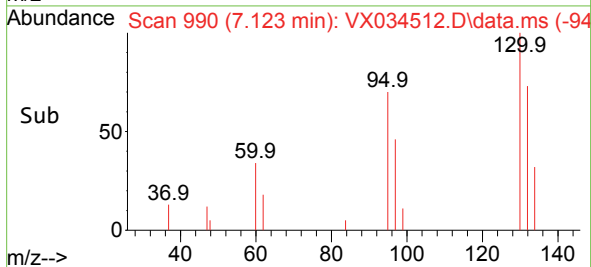
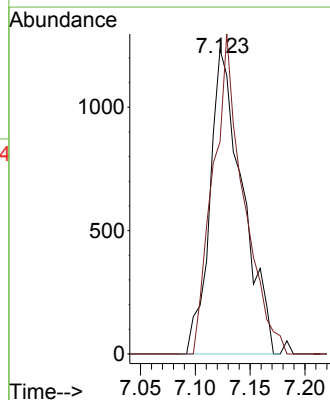
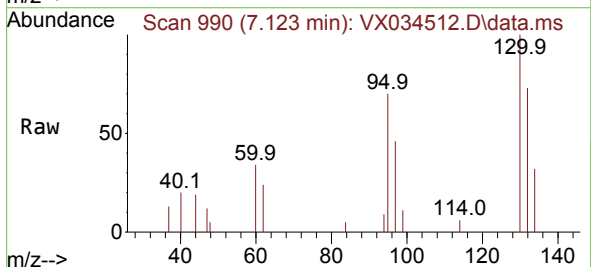
Instrument :
MSVOA_X
ClientSampleId :
GWOW-05B-69-74-031423

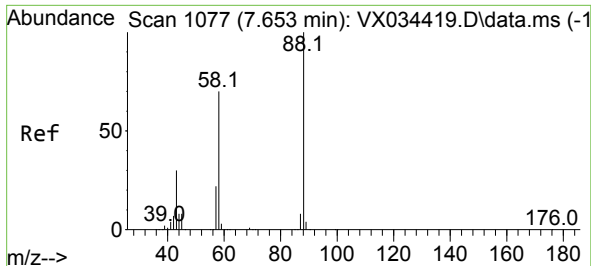
Tgt Ion: 62 Resp: 4955
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0



#44
Trichloroethene
Concen: 0.782 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion: 130 Resp: 2548
Ion Ratio Lower Upper
130 100
95 69.7 0.0 198.4





#49

1,4-Dioxane

Concen: 3.831 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.024 min

Lab File: VX034512.D

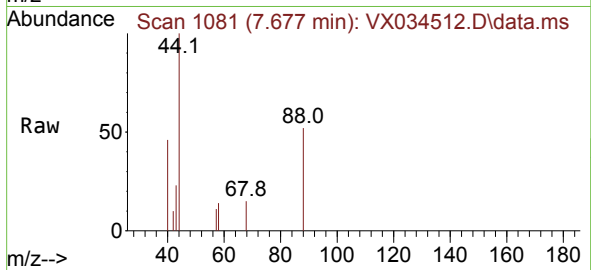
Acq: 15 Mar 2023 16:45

Instrument :

MSVOA_X

ClientSampleId :

GWOW-05B-69-74-031423



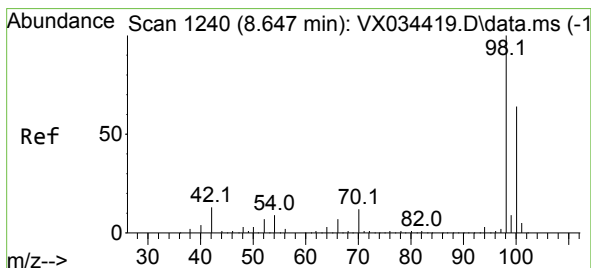
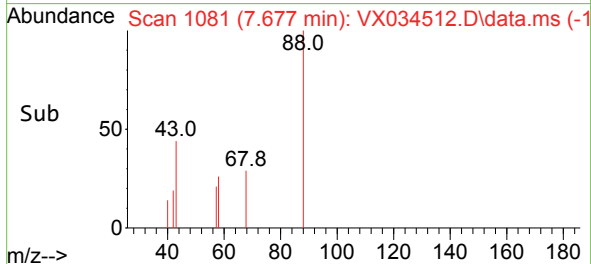
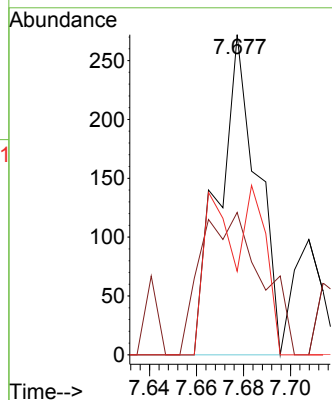
Tgt Ion: 88 Resp: 307

Ion Ratio Lower Upper

88 100

43 71.7 27.7 41.5#

58 38.8 56.8 85.2#



#50

Toluene-d8

Concen: 48.815 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034512.D

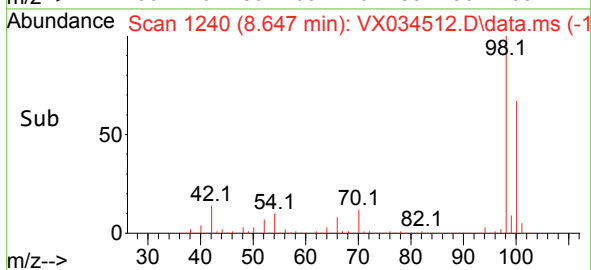
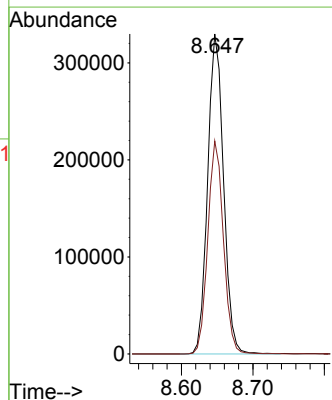
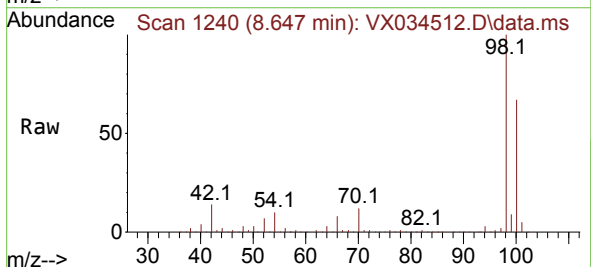
Acq: 15 Mar 2023 16:45

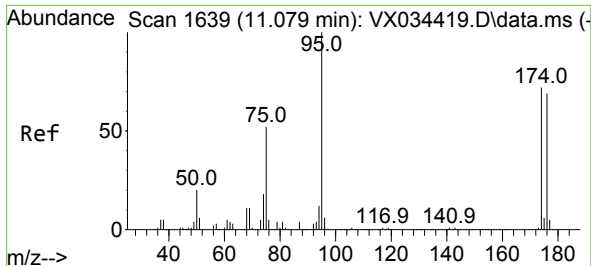
Tgt Ion: 98 Resp: 508561

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7

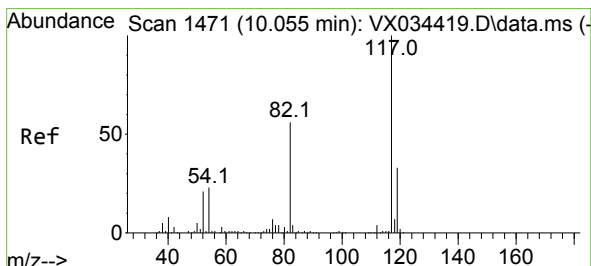
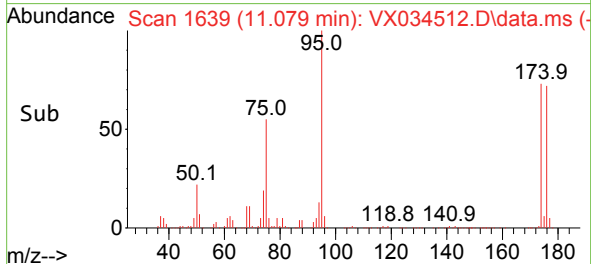
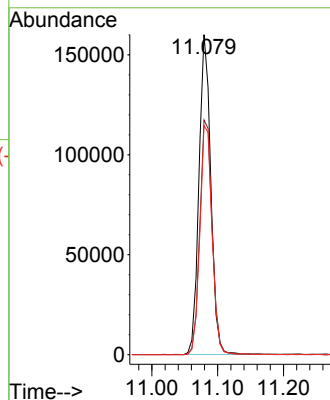
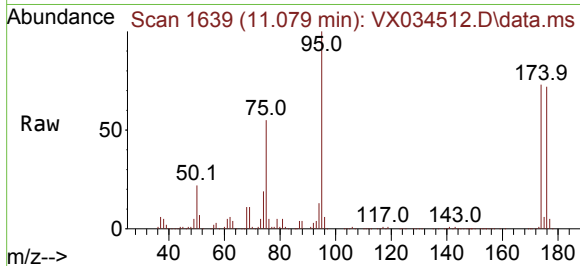




#62
4-Bromofluorobenzene
Concen: 47.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

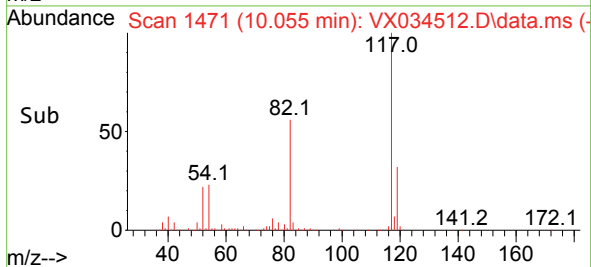
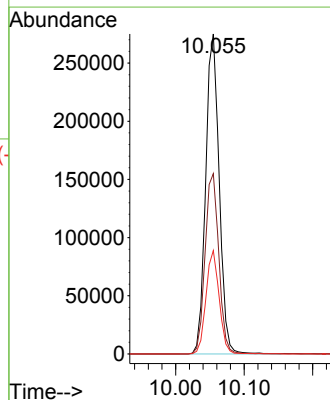
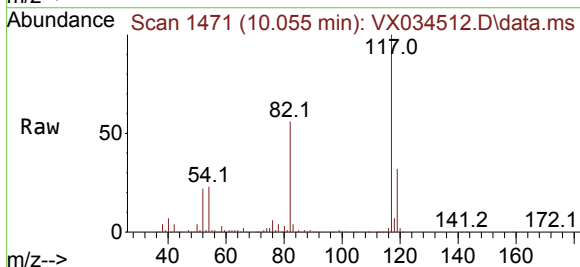
Instrument :
MSVOA_X
ClientSampleId :
GWOW-05B-69-74-031423

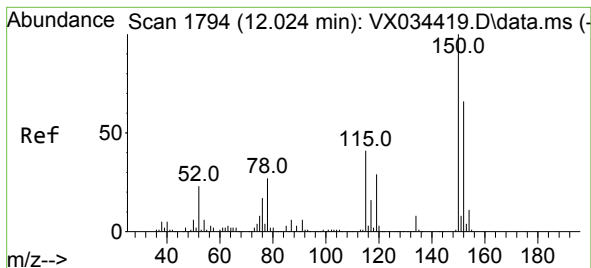
Tgt Ion: 95 Resp: 199776
Ion Ratio Lower Upper
95 100
174 77.1 0.0 147.4
176 73.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034512.D
Acq: 15 Mar 2023 16:45

Tgt Ion: 117 Resp: 377745
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.3 26.0 39.0

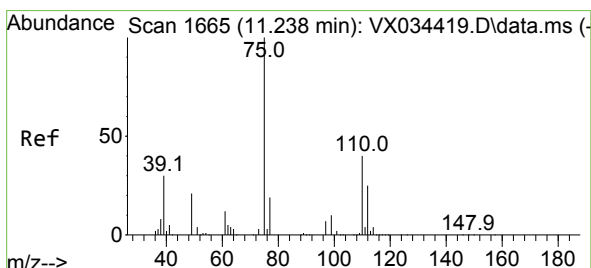
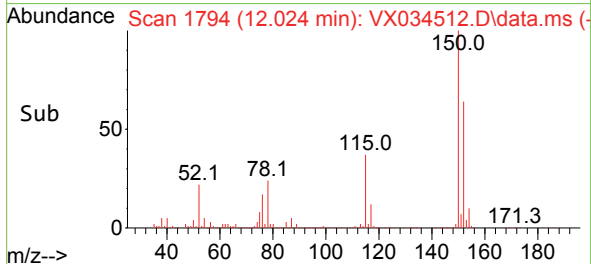
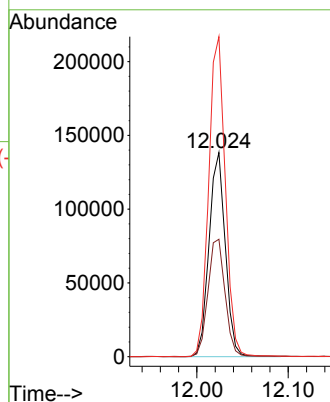
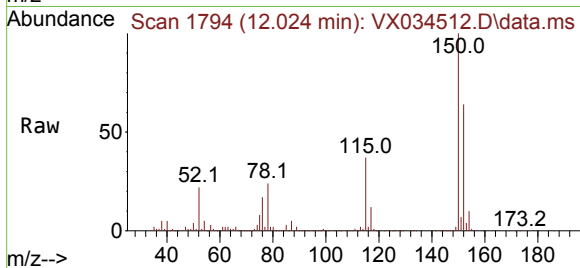




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034512.D
 Acq: 15 Mar 2023 16:45

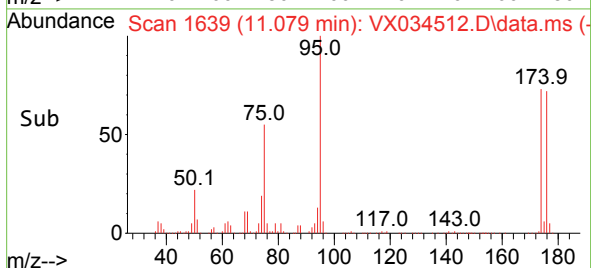
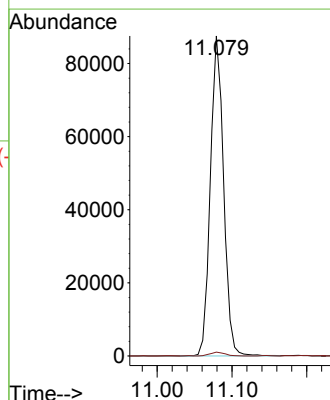
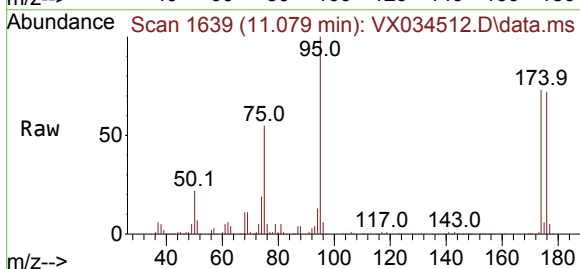
Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-05B-69-74-031423

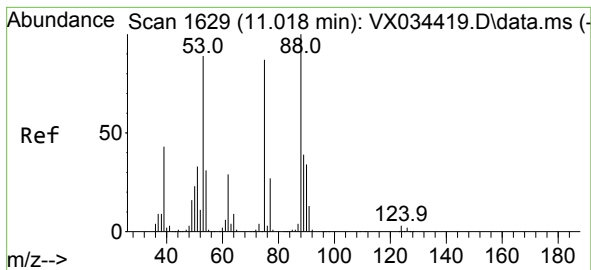
Tgt Ion:152 Resp: 171082
 Ion Ratio Lower Upper
 152 100
 115 60.2 45.0 135.0
 150 159.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.408 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034512.D
 Acq: 15 Mar 2023 16:45

Tgt Ion: 75 Resp: 107667
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.148 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034512.D
 Acq: 15 Mar 2023 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-05B-69-74-031423

Tgt Ion: 75 Resp: 107667
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

