

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038195.D
 Acq On : 10 Oct 2023 12:50
 Operator : JC/MD
 Sample : 04782-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-2-23-26

Quant Time: Oct 11 01:36:29 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)

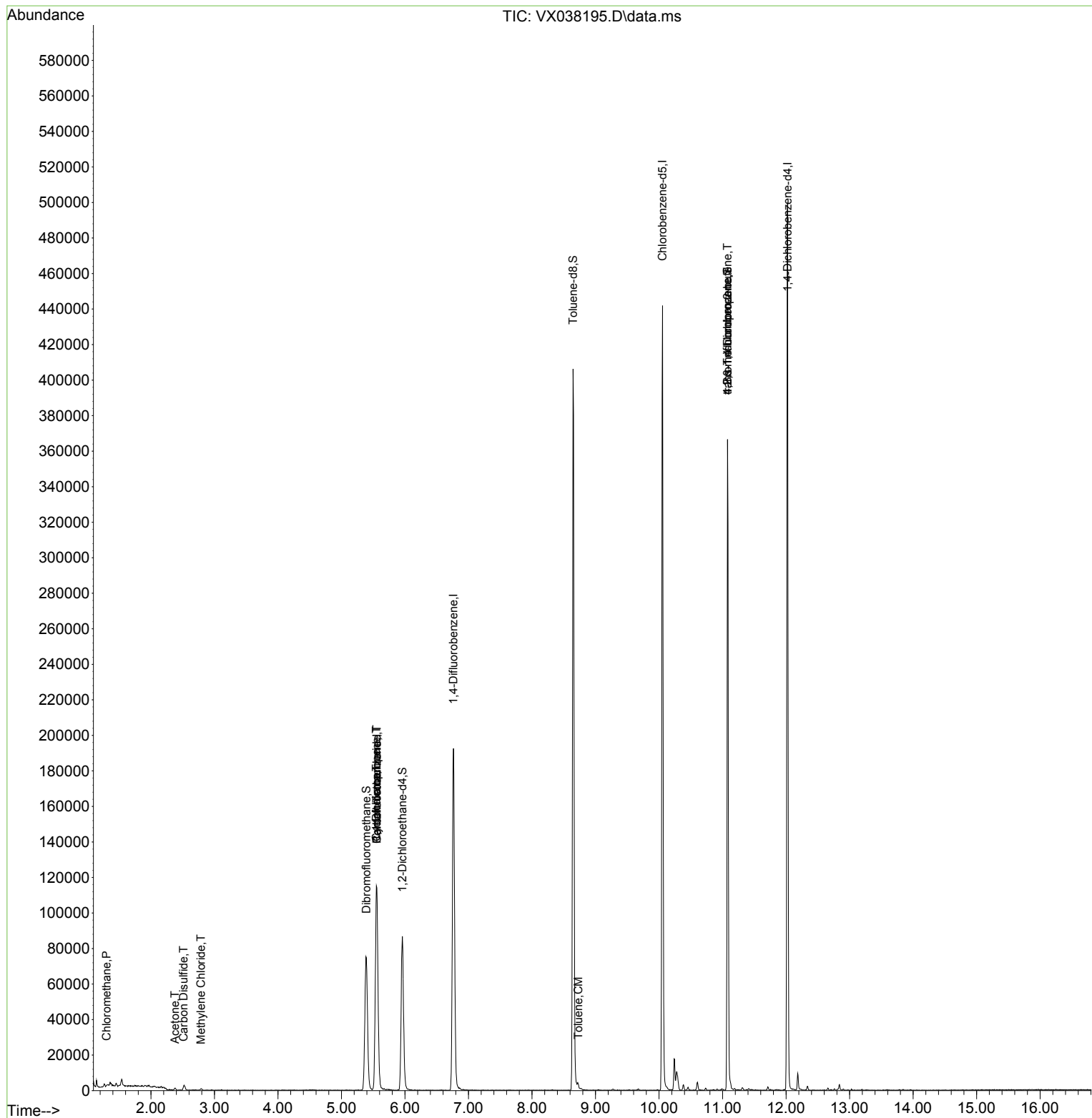
Internal Standards						
1) Pentafluorobenzene	5.556	168	109067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83014	47.321	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.640%		
35) Dibromofluoromethane	5.391	113	66281	46.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	8.647	98	243642	44.992	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.980%#		
62) 4-Bromofluorobenzene	11.079	95	92244	44.932	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.860%		
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	353	0.329	ug/l #	80
5) Bromomethane	1.654	94	22	Below Cal	#	3
6) Chloroethane	1.685	64	250	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	107	Below Cal	#	78
16) Acetone	2.380	43	1131	1.545	ug/l	93
17) Carbon Disulfide	2.514	76	2030	0.706	ug/l	99
20) Methylene Chloride	2.788	84	413	0.300	ug/l	93
31) Cyclohexane	5.550	56	2876	1.513	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	9381	4.800	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11223	5.838	ug/l #	15
52) Toluene	8.726	92	964	0.271	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	51161	22.135	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51161	63.454	ug/l #	5

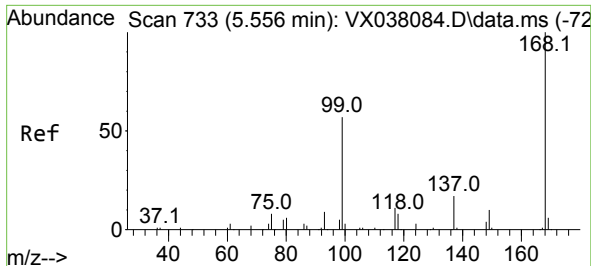
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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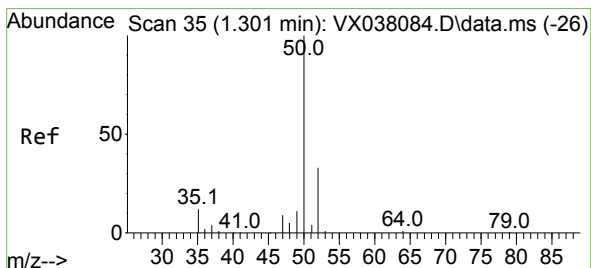
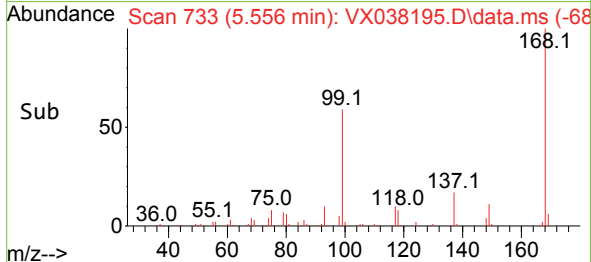
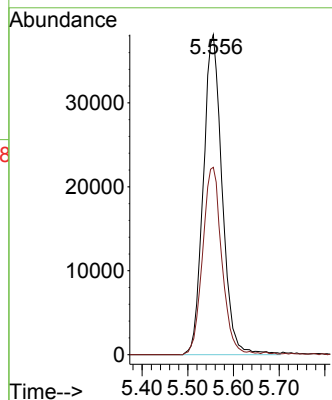
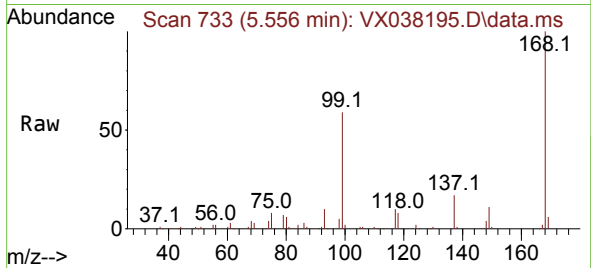




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

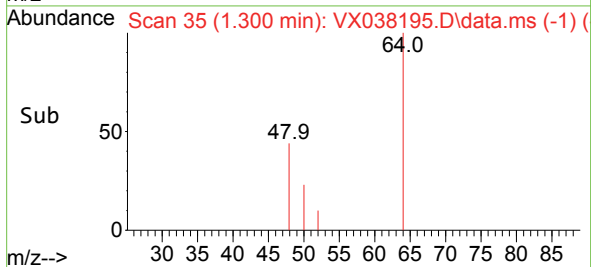
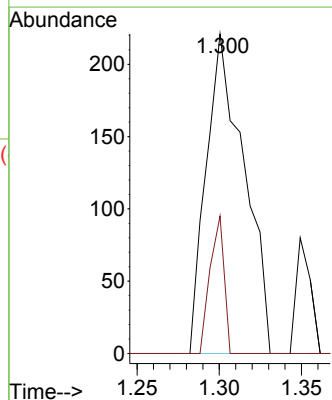
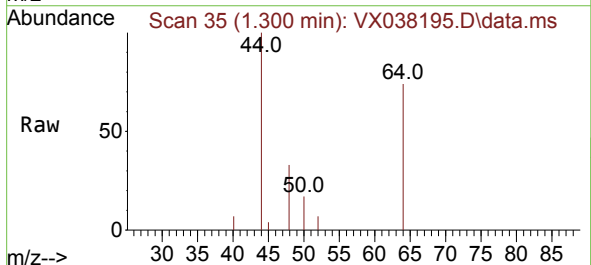
Instrument :
MSVOA_X
ClientSampleId :
GW-2-23-26

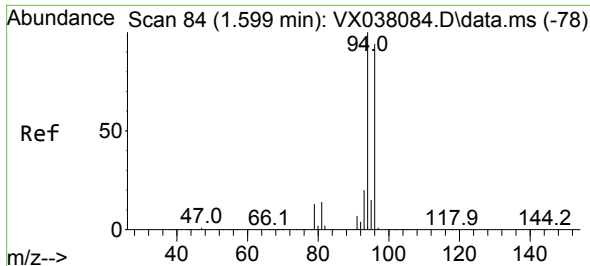
Tgt Ion:168 Resp: 109067
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#3
Chloromethane
Concen: 0.329 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 43.0 25.5 38.3#

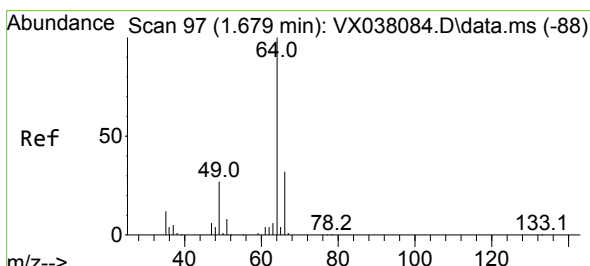
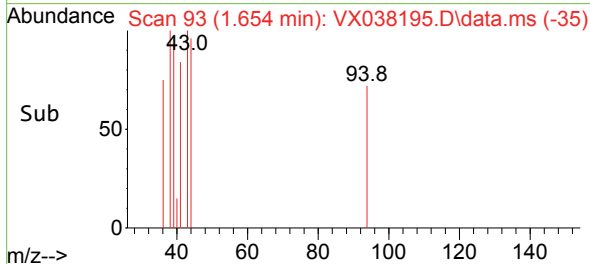
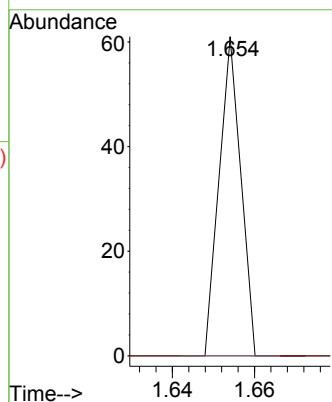
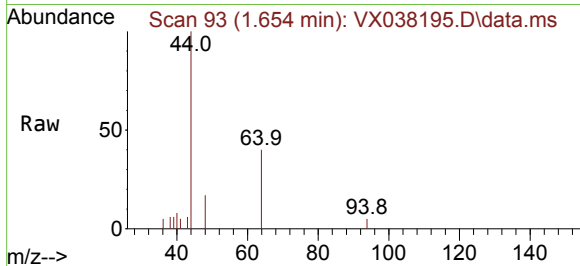




#5
Bromomethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. 0.055 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

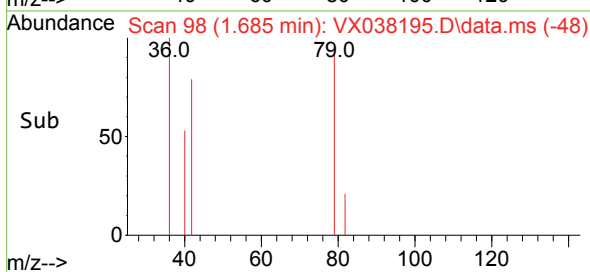
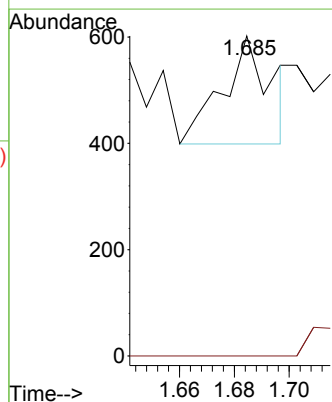
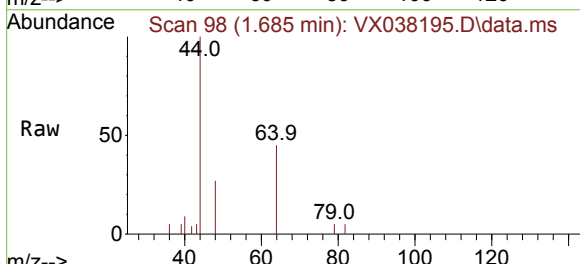
Instrument :
MSVOA_X
ClientSampleId :
GW-2-23-26

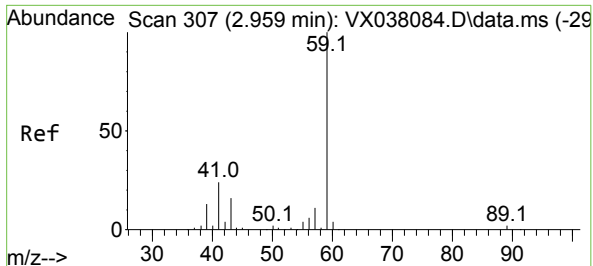
Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 64 Resp: 250
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

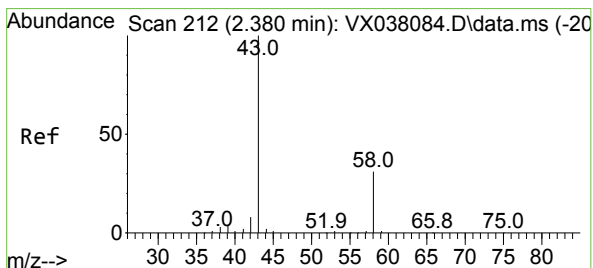
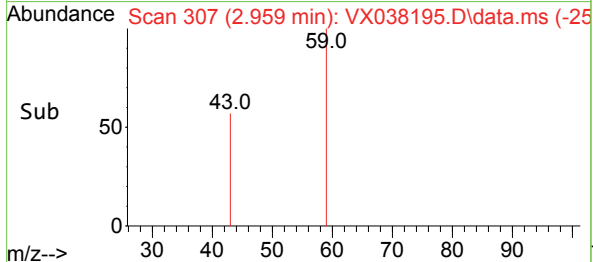
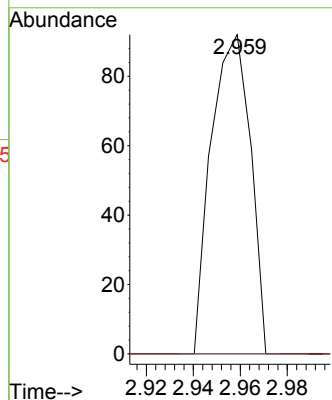
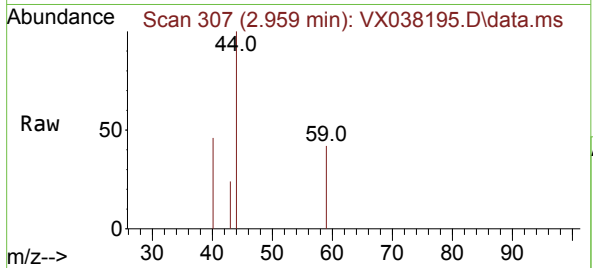




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

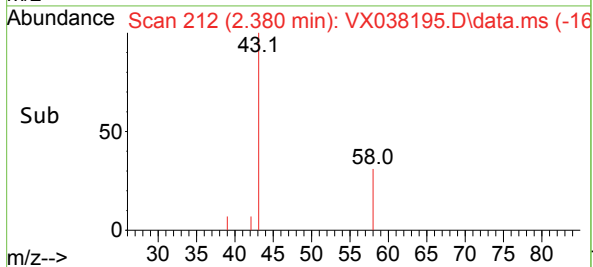
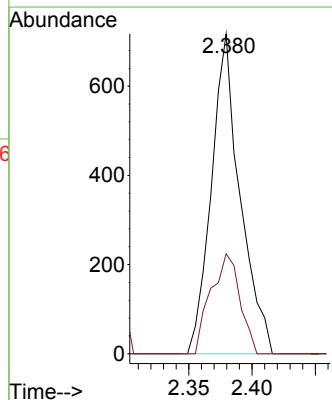
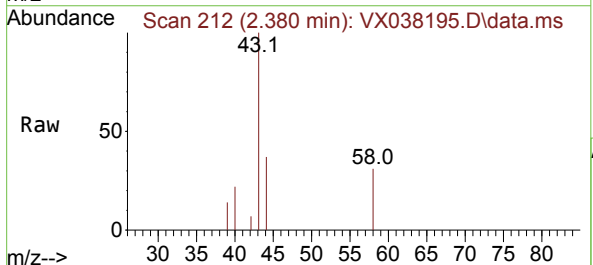
Instrument :
MSVOA_X
ClientSampleId :
GW-2-23-26

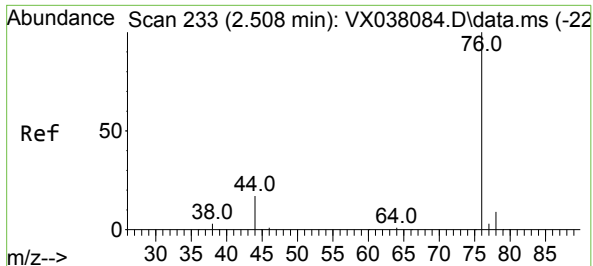
Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.545 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9

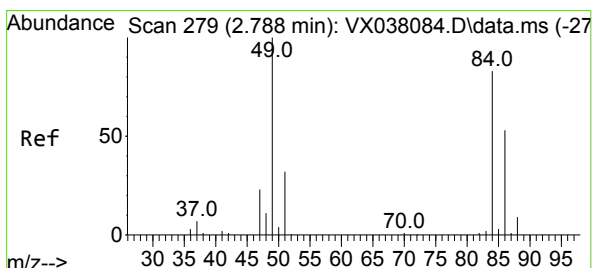
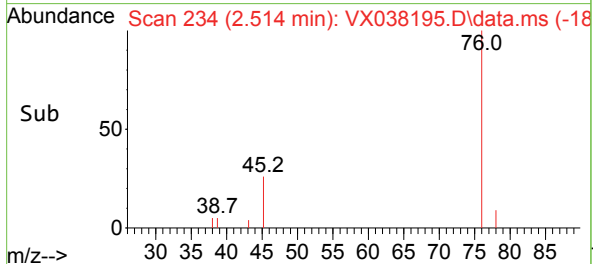
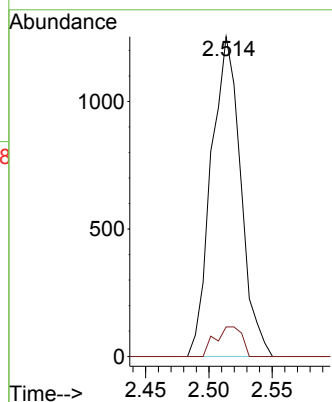
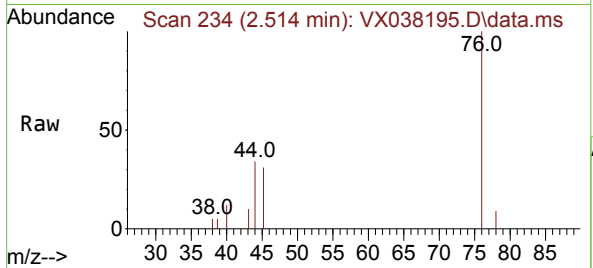




#17
Carbon Disulfide
Concen: 0.706 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

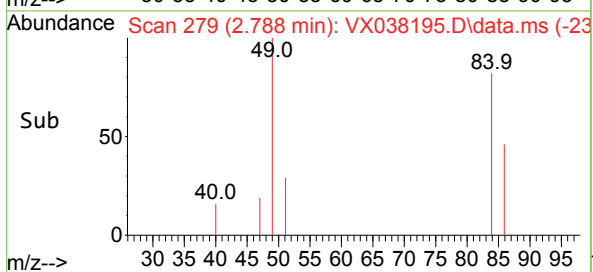
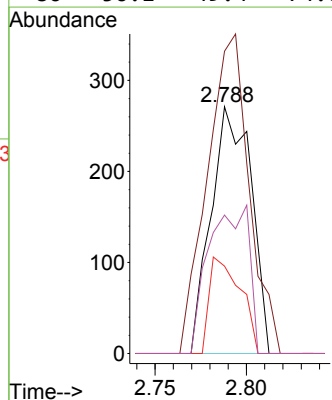
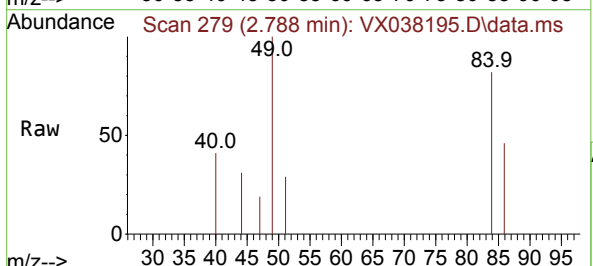
Instrument :
MSVOA_X
ClientSampleId :
GW-2-23-26

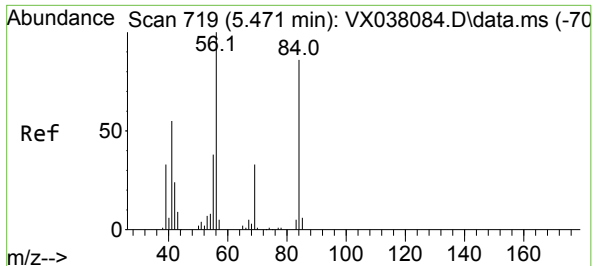
Tgt Ion: 76 Resp: 2030
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 84 Resp: 413
Ion Ratio Lower Upper
84 100
49 122.5 103.6 155.4
51 35.4 33.8 50.6
86 56.1 49.4 74.0

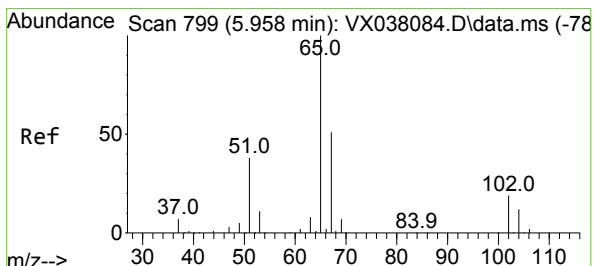
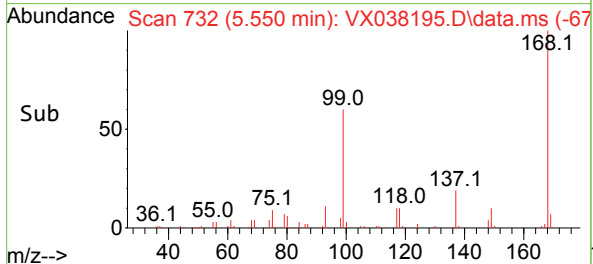
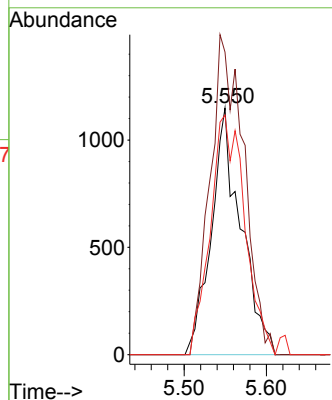
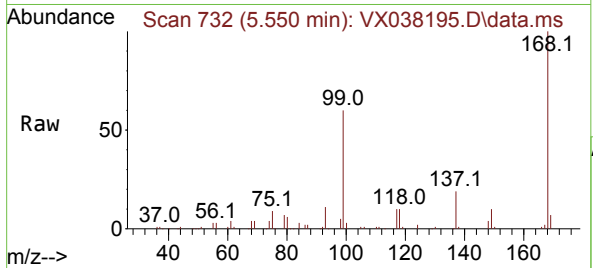




#31
Cyclohexane
Concen: 1.513 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

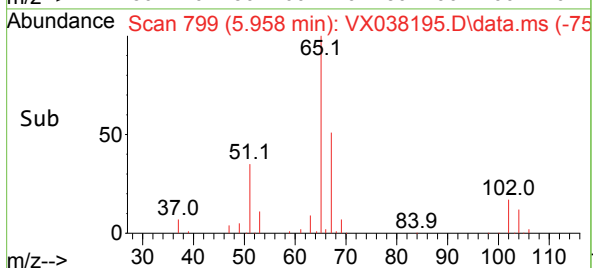
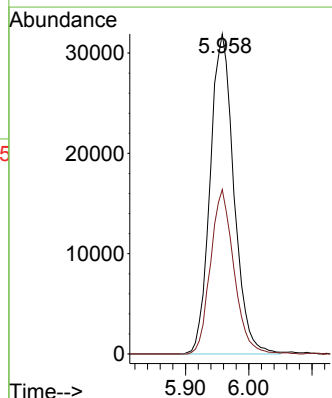
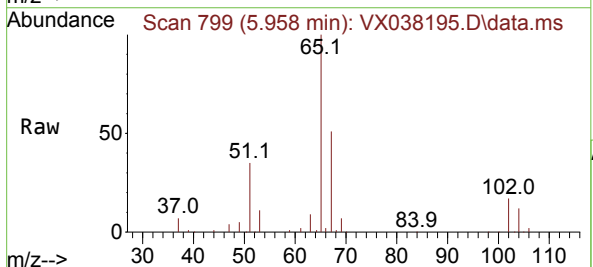
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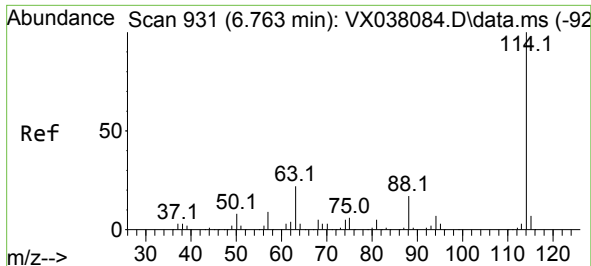
Tgt Ion: 56 Resp: 2876
Ion Ratio Lower Upper
56 100
69 122.7 23.4 35.2#
84 97.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.321 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 65 Resp: 83014
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

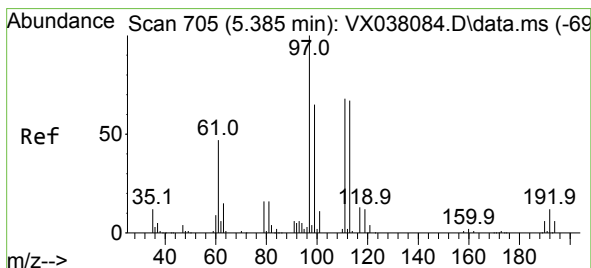
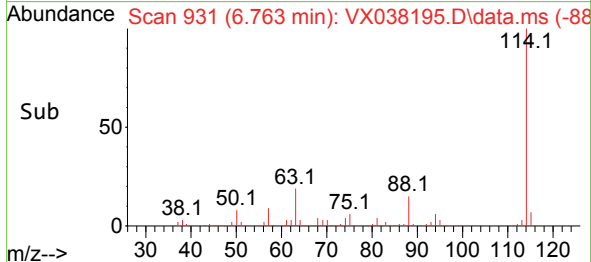
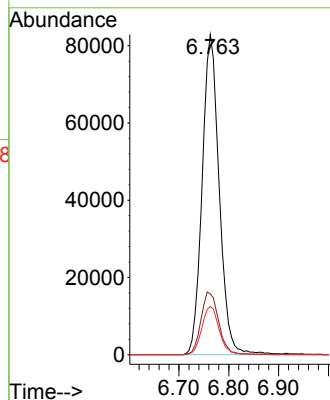
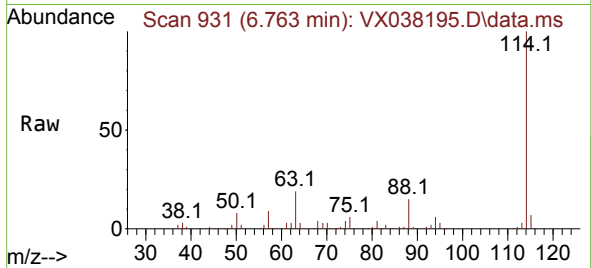




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

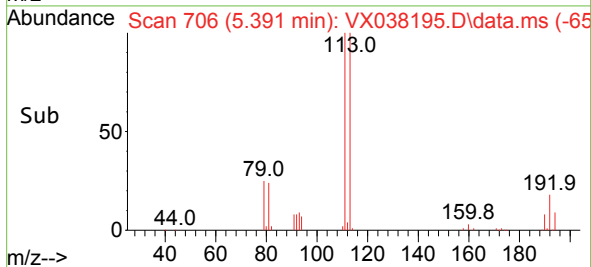
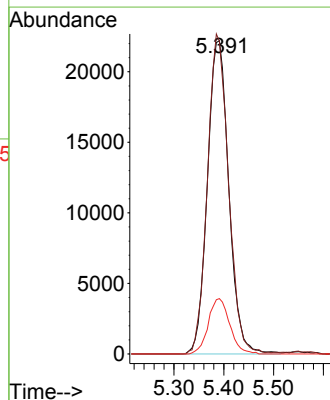
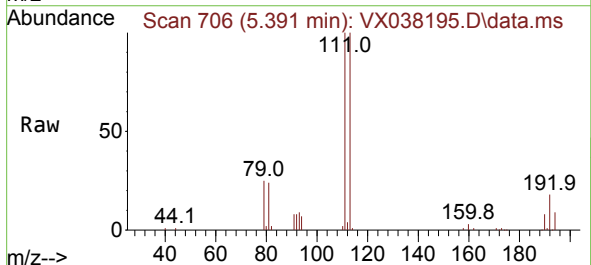
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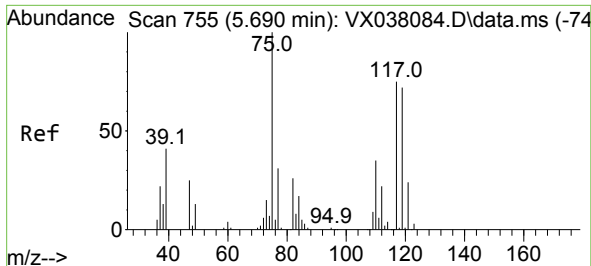
Tgt Ion:114 Resp: 196670
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.771 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion:113 Resp: 66281
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 17.7 13.3 19.9

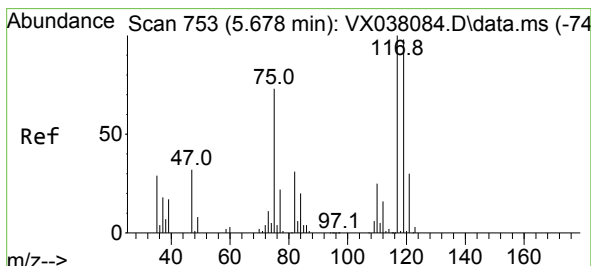
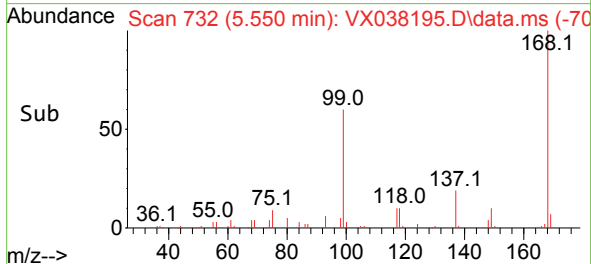
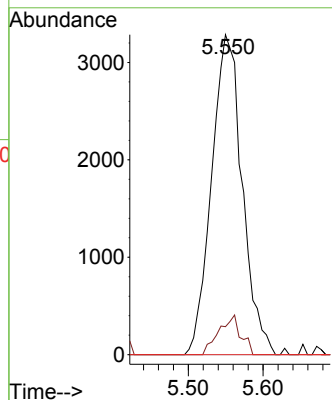
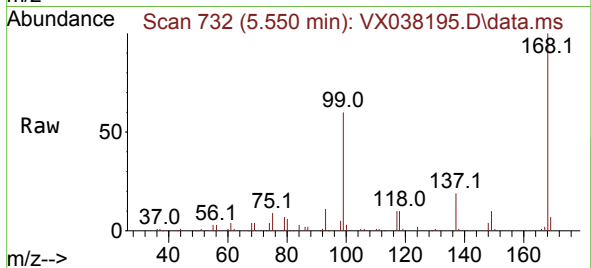




#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

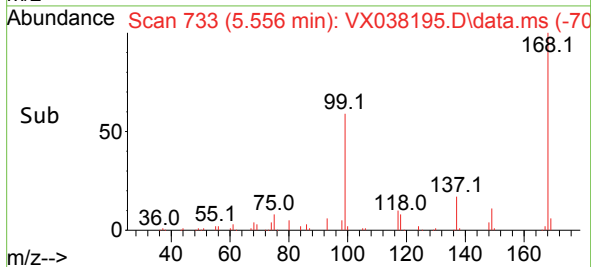
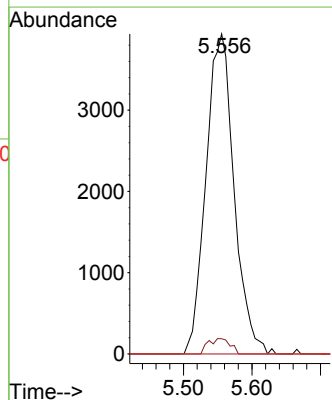
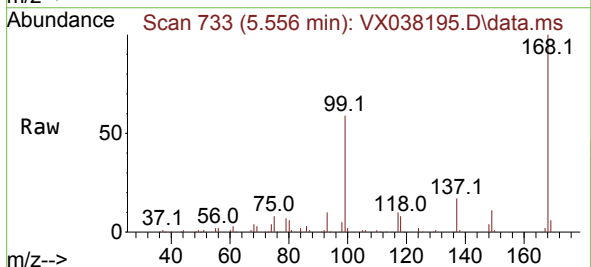
Instrument :
MSVOA_X
ClientSampleId :
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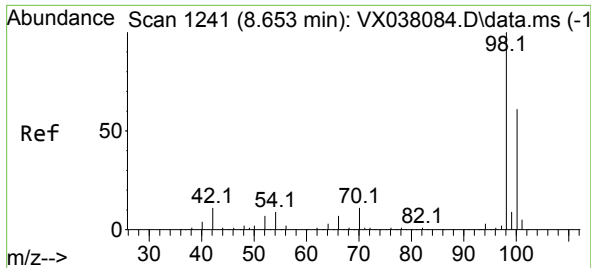
Tgt Ion: 75 Resp: 9381
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 117 Resp: 11223
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

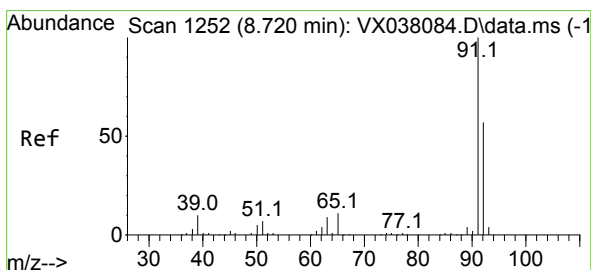
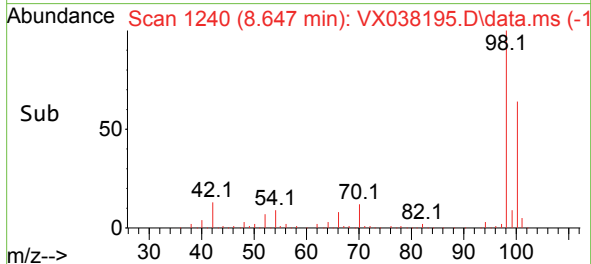
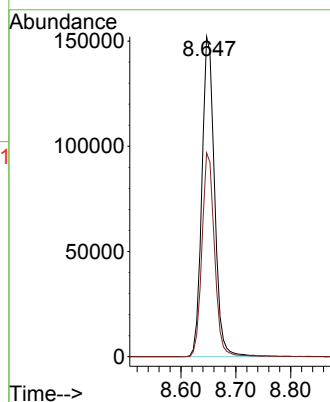
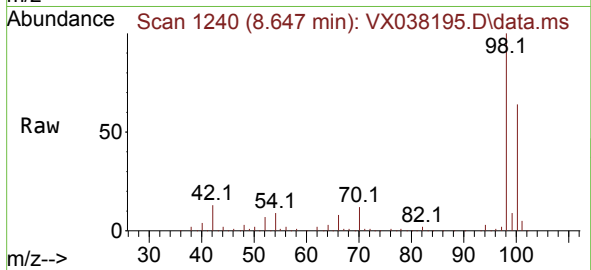




#50
Toluene-d8
Concen: 44.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

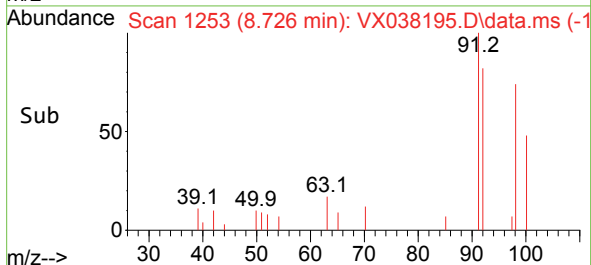
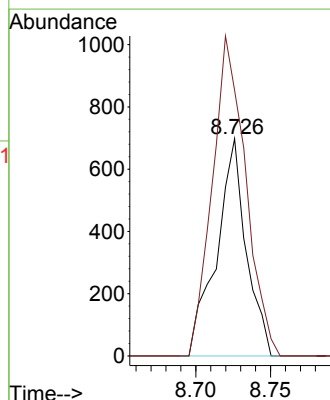
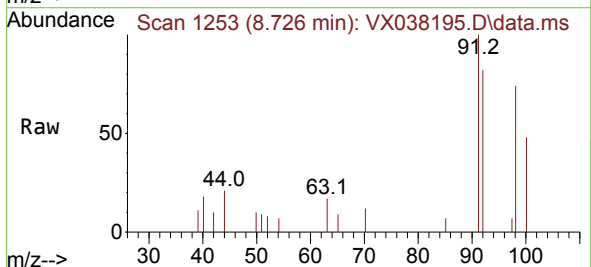
Instrument :
MSVOA_X
ClientSampleId :
GW-2-23-26

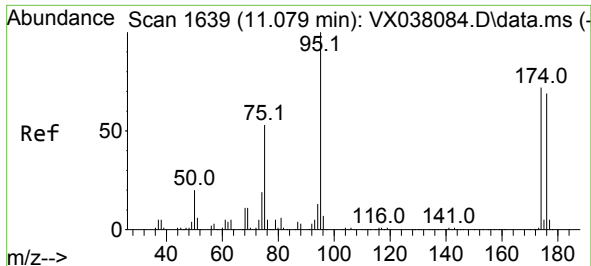
Tgt Ion: 98 Resp: 243642
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#52
Toluene
Concen: 0.271 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 92 Resp: 964
Ion Ratio Lower Upper
92 100
91 165.2 134.2 201.2

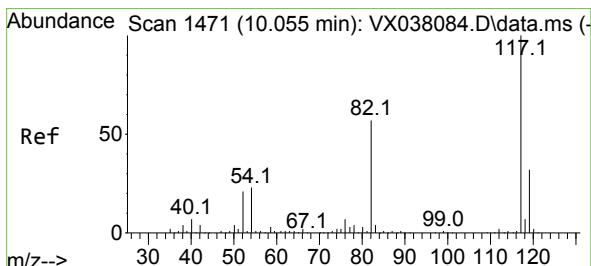
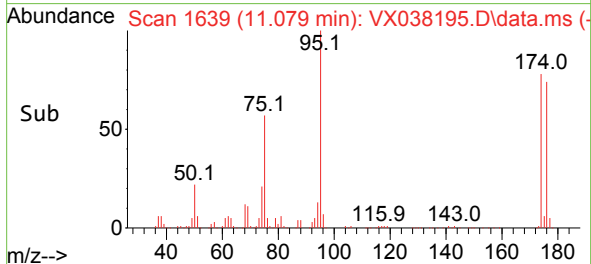
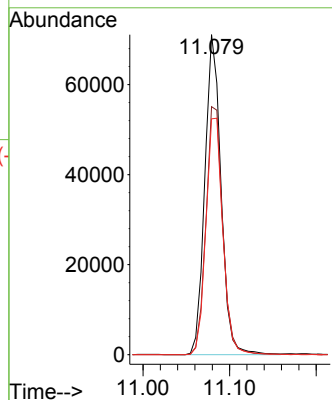
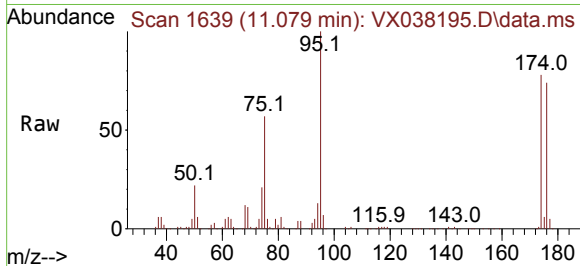




#62
4-Bromofluorobenzene
Concen: 44.932 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

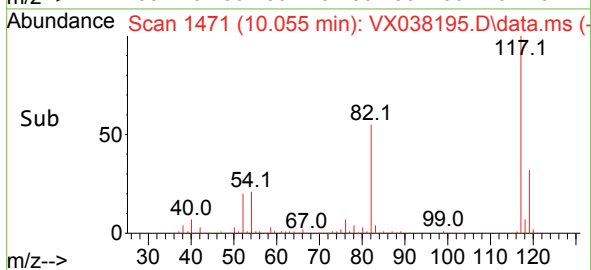
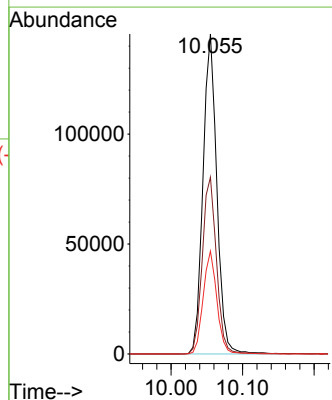
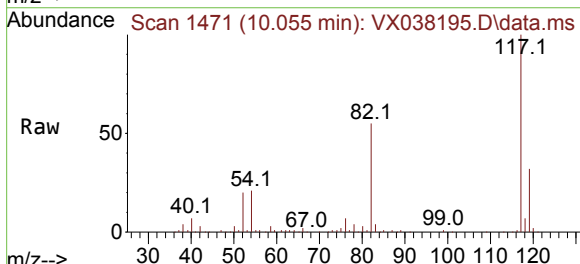
Instrument :
MSVOA_X
ClientSampleId :
GW-2-23-26

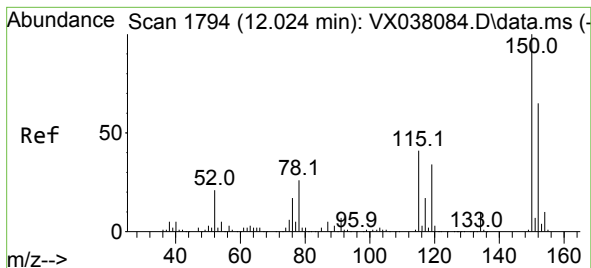
Tgt Ion: 95 Resp: 92244
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038195.D
Acq: 10 Oct 2023 12:50

Tgt Ion: 117 Resp: 195802
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038195.D

Acq: 10 Oct 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

GW-2-23-26

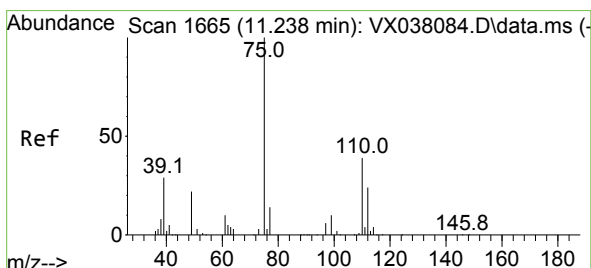
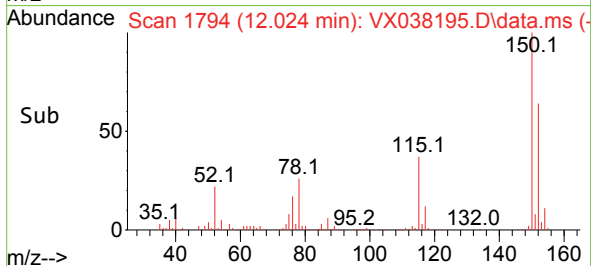
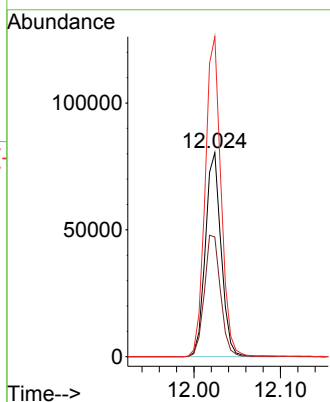
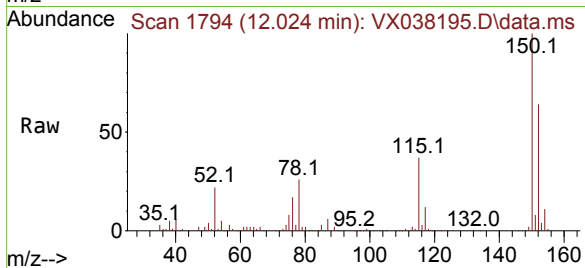
Tgt Ion:152 Resp: 101667

Ion Ratio Lower Upper

152 100

115 61.2 43.3 129.9

150 157.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.135 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038195.D

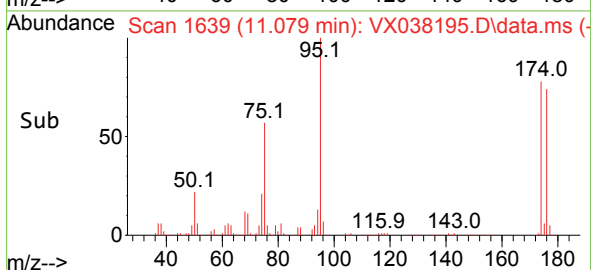
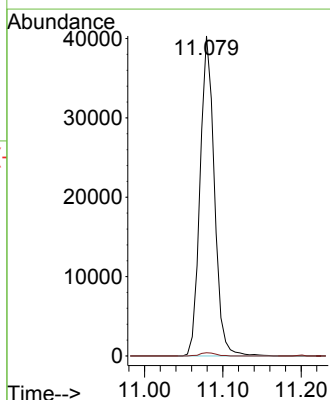
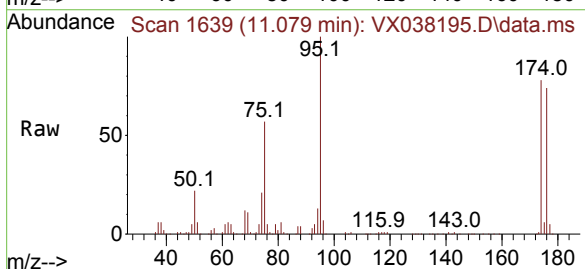
Acq: 10 Oct 2023 12:50

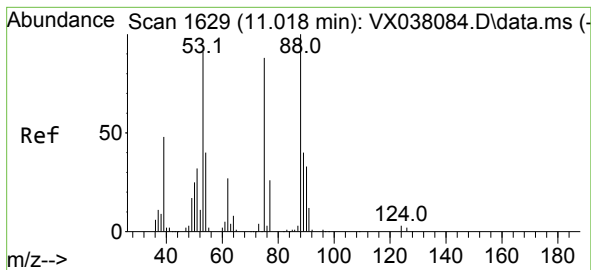
Tgt Ion: 75 Resp: 51161

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.454 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038195.D
 Acq: 10 Oct 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-2-23-26

Tgt Ion: 75 Resp: 51161
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

