

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038179.D
 Acq On : 09 Oct 2023 18:06
 Operator : JC/MD
 Sample : 04713-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1-23-26

Quant Time: Oct 10 01:00:07 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)

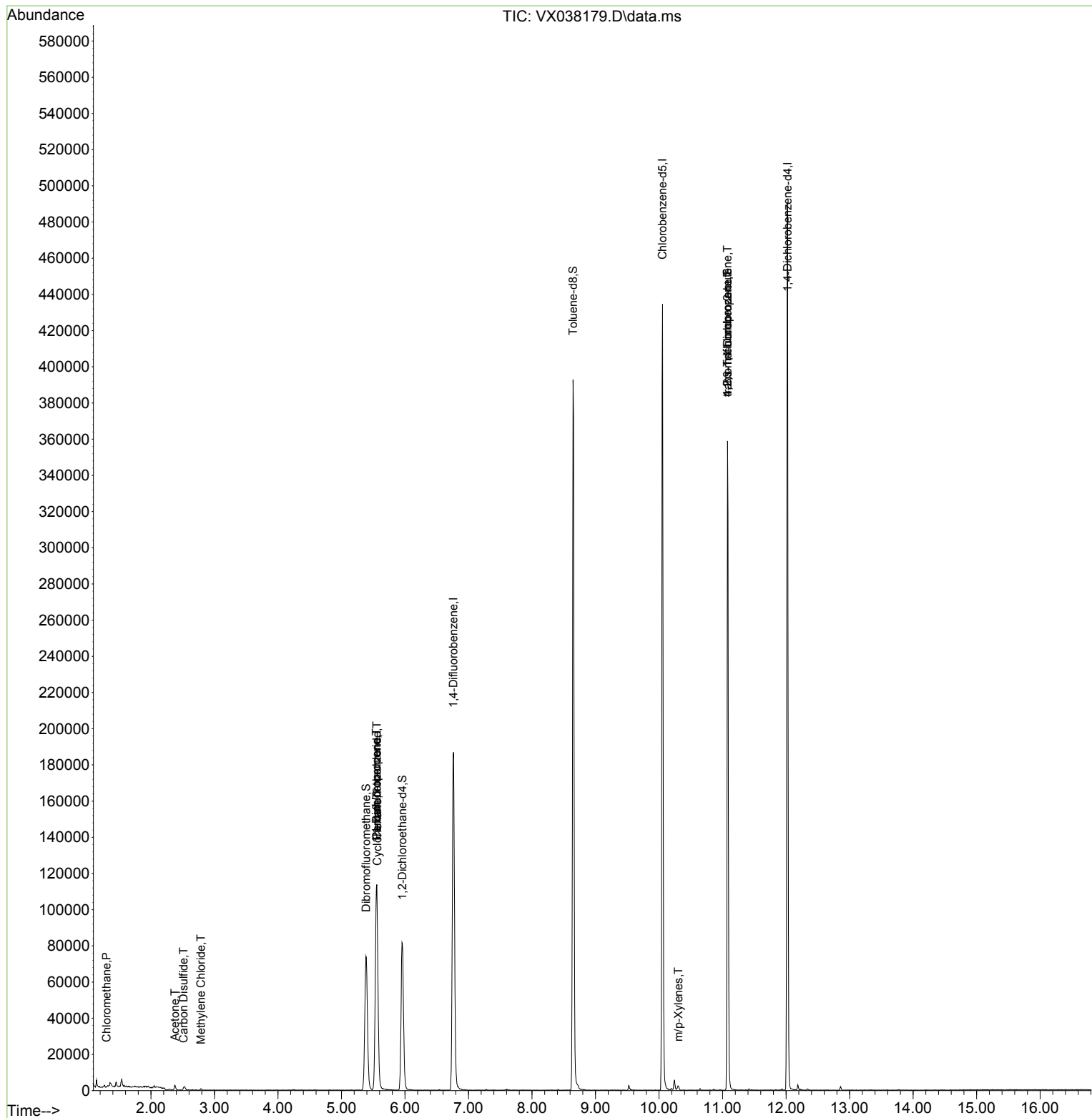
Internal Standards						
1) Pentafluorobenzene	5.556	168	108262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80336	46.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.260%
35) Dibromofluoromethane	5.385	113	63425	45.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	242583	45.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	91001	45.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	243	0.228	ug/l #	43
5) Bromomethane	1.538	94	69	Below Cal	#	80
6) Chloroethane	1.679	64	108	Below Cal	#	43
16) Acetone	2.380	43	2826	3.889	ug/l #	85
17) Carbon Disulfide	2.514	76	841	0.295	ug/l #	76
20) Methylene Chloride	2.788	84	390	0.285	ug/l #	52
31) Cyclohexane	5.562	56	2638	1.398	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	8892	4.622	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11368	6.007	ug/l #	14
68) m/p-Xylenes	10.305	106	683	0.246	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	50981	22.196	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50981	63.617	ug/l #	5

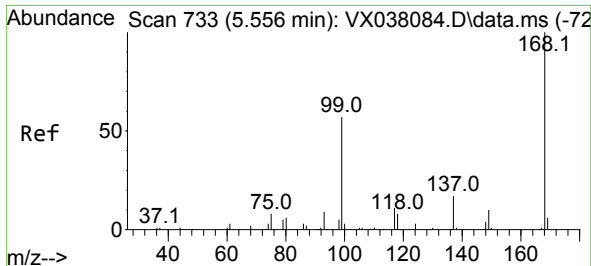
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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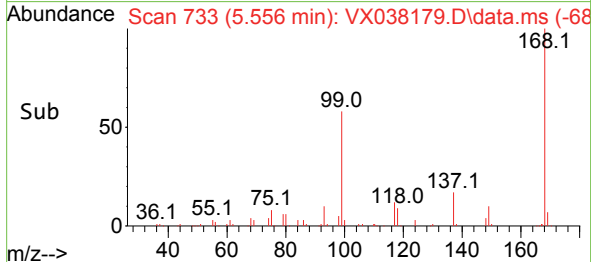
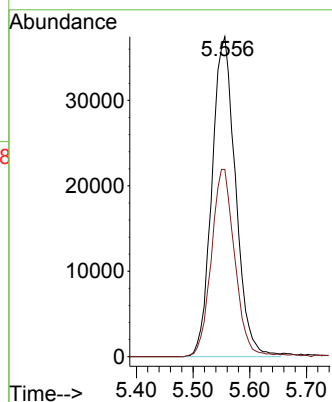
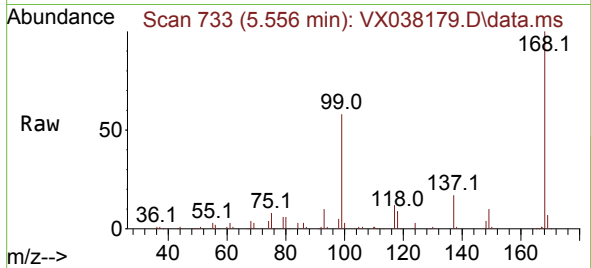




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

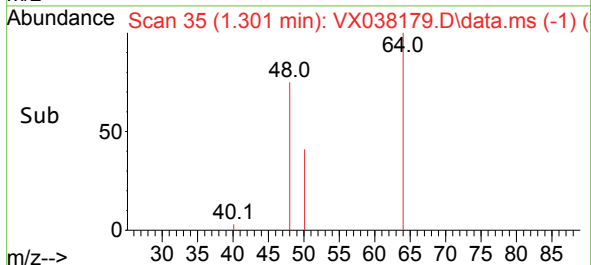
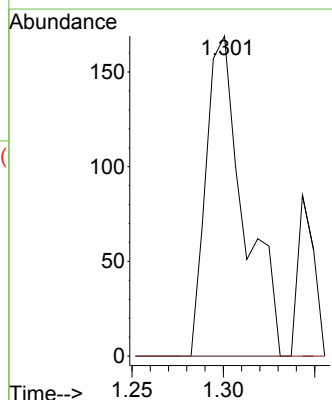
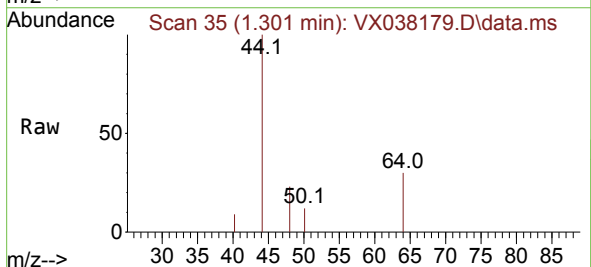
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

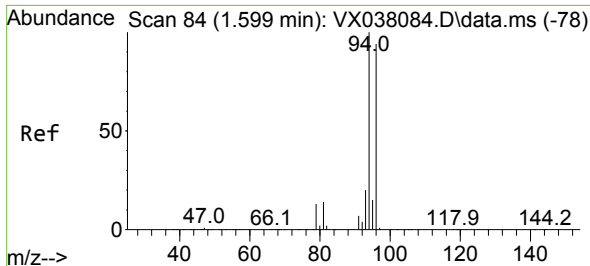
Tgt Ion:168 Resp: 108262
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 50 Resp: 243
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

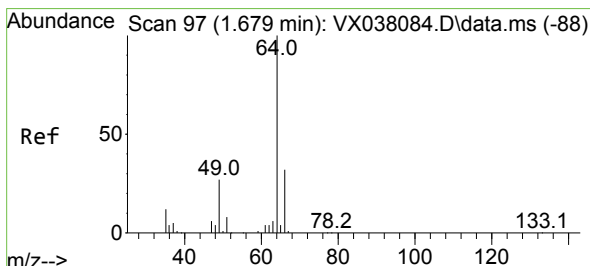
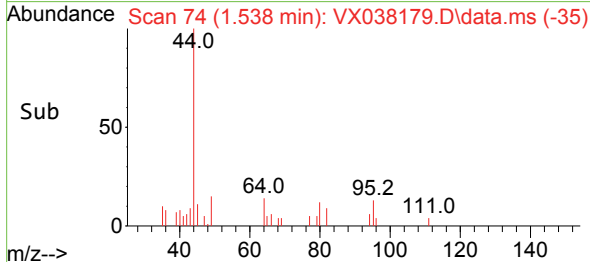
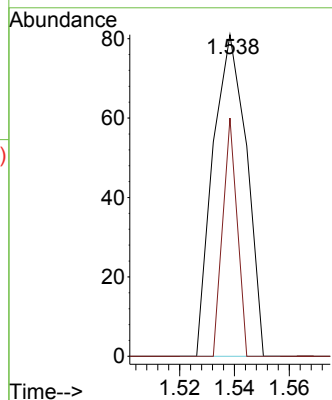
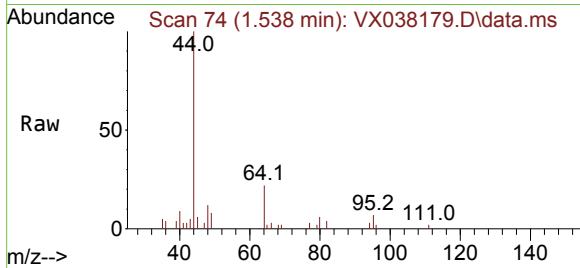




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

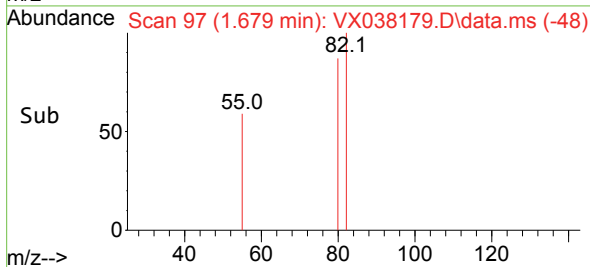
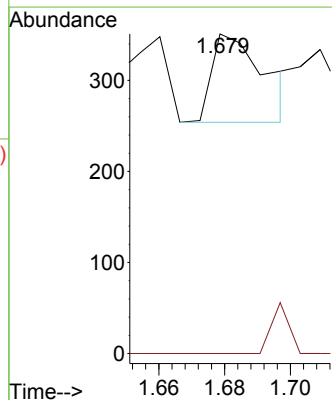
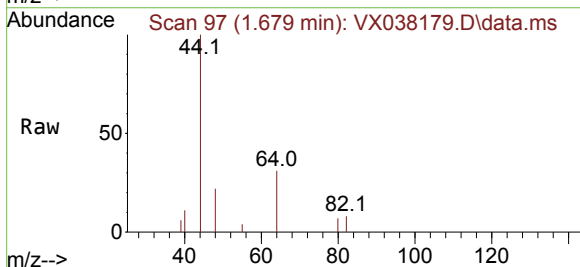
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 74.1 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

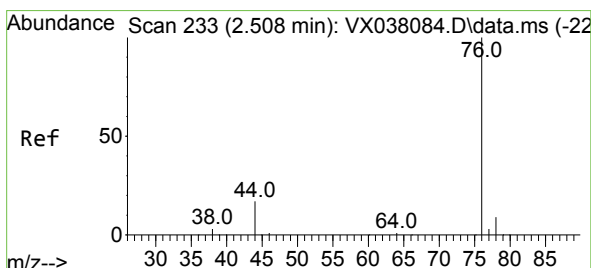
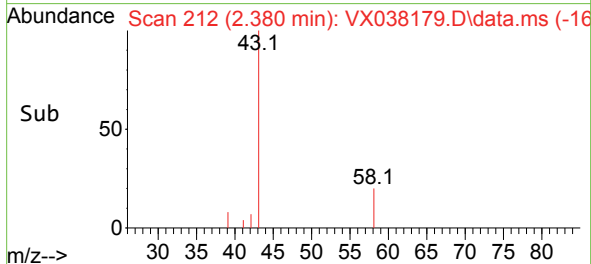
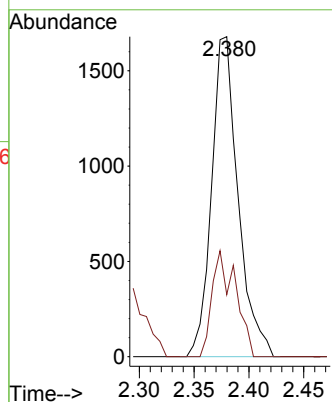
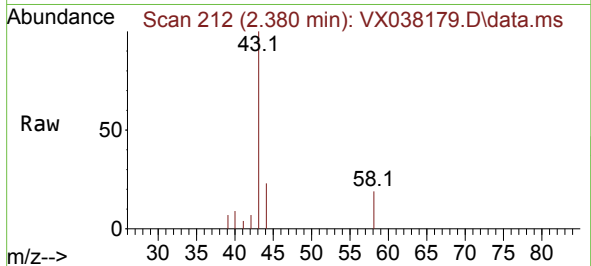




#16
Acetone
Concen: 3.889 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

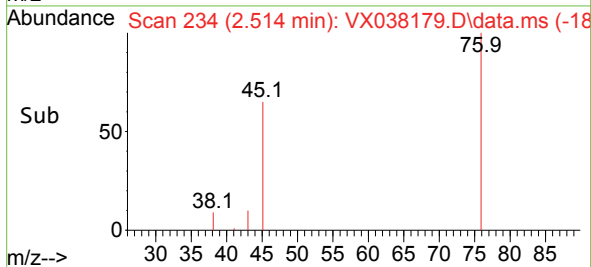
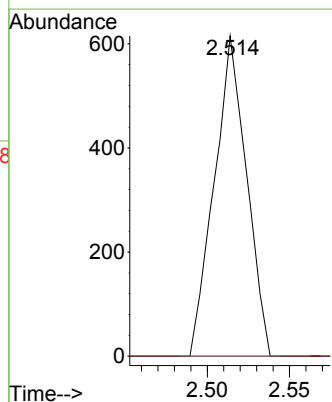
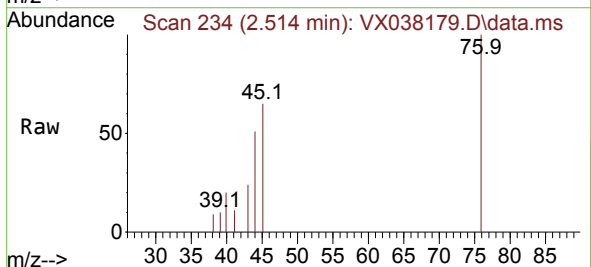
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

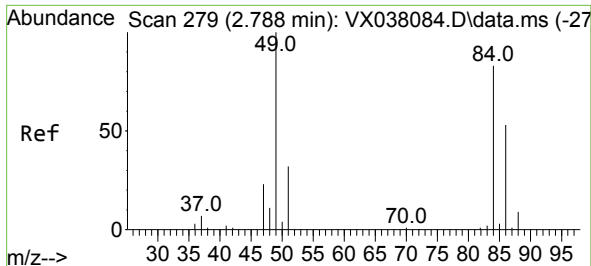
Tgt Ion: 43 Resp: 2826
Ion Ratio Lower Upper
43 100
58 19.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 76 Resp: 841
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



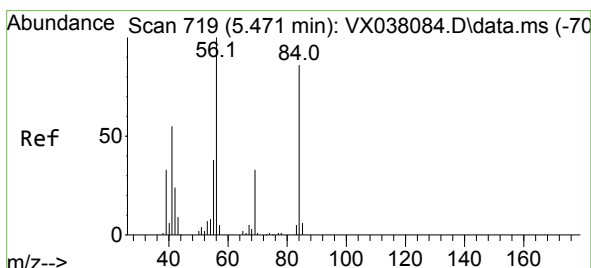
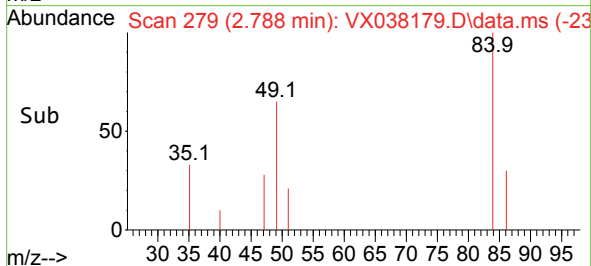
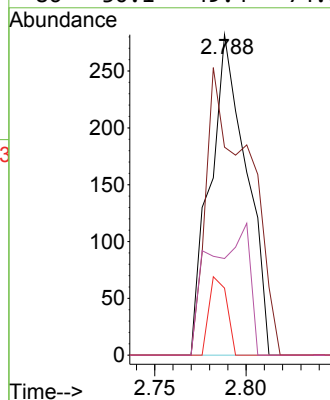
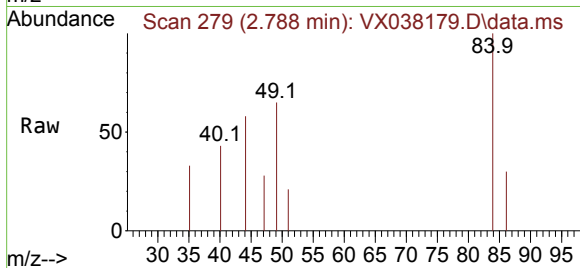


#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

Tgt Ion: 84 Resp: 390

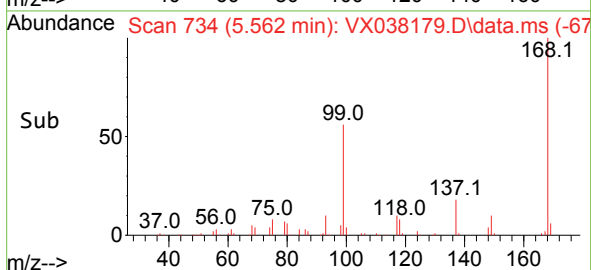
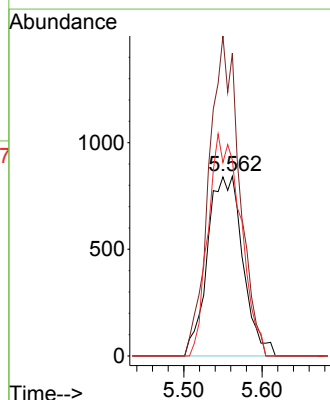
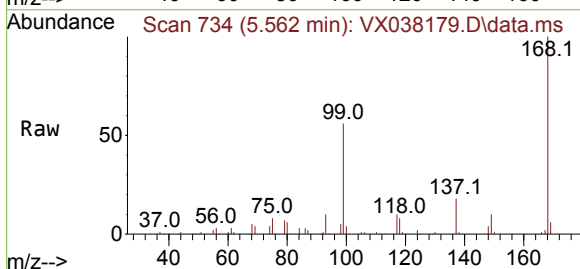
Ion	Ratio	Lower	Upper
84	100		
49	64.9	103.6	155.4#
51	20.9	33.8	50.6#
86	30.1	49.4	74.0#

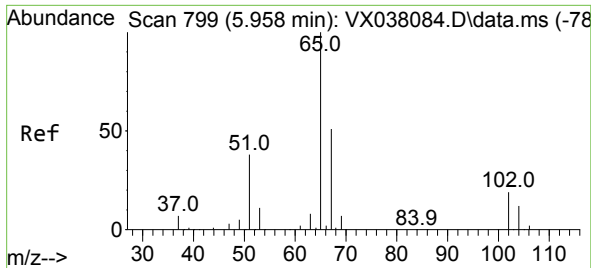


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 56 Resp: 2638

Ion	Ratio	Lower	Upper
56	100		
69	168.6	23.4	35.2#
84	109.0	65.9	98.9#

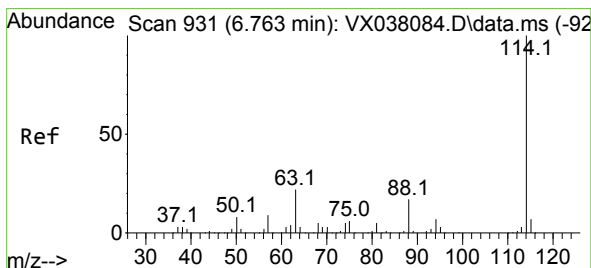
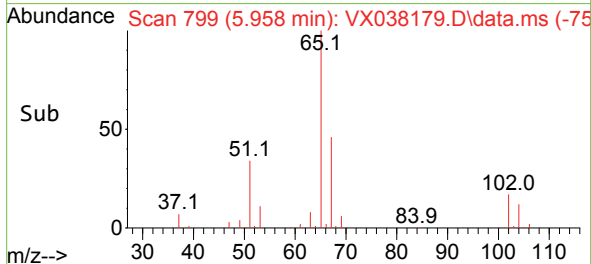
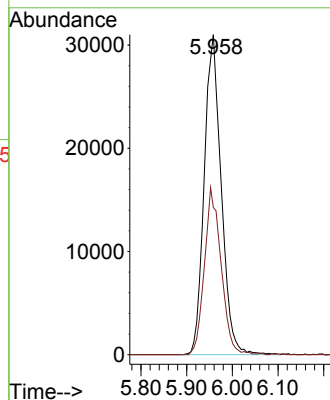
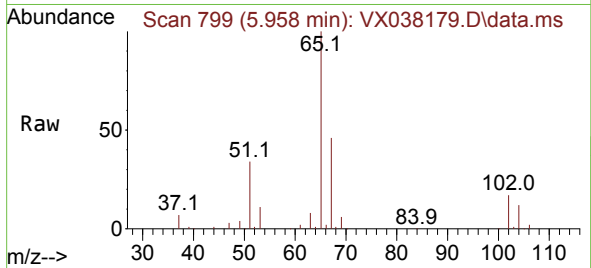




#33
1,2-Dichloroethane-d4
Concen: 46.135 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

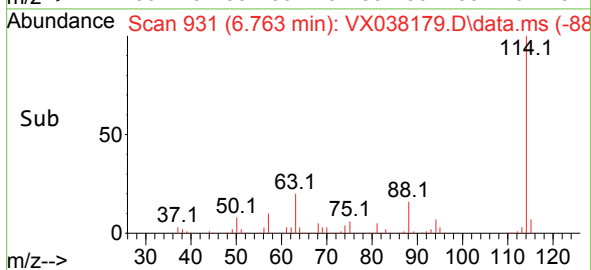
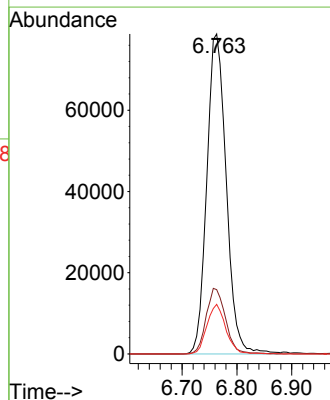
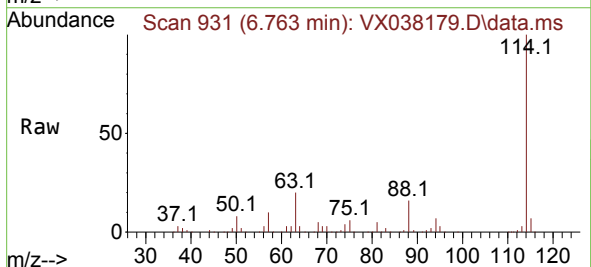
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

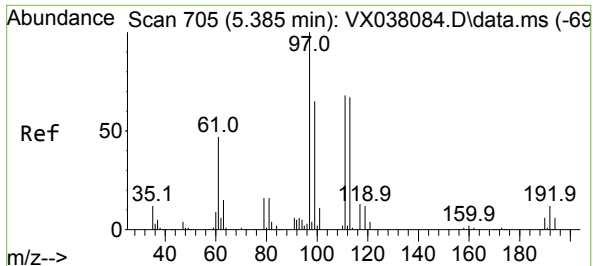
Tgt Ion: 65 Resp: 80336
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion:114 Resp: 193619
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.5 0.0 36.6

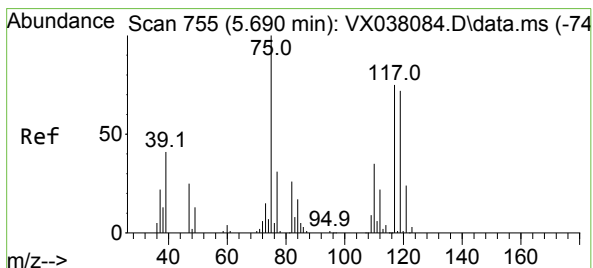
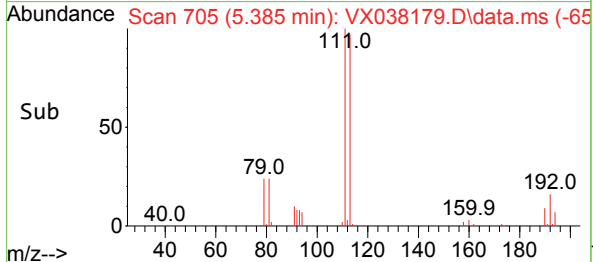
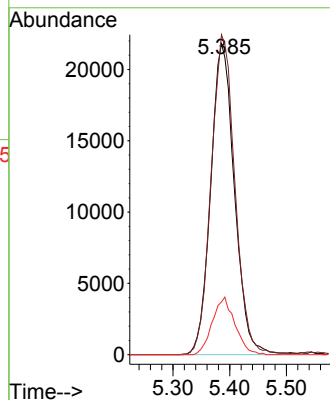
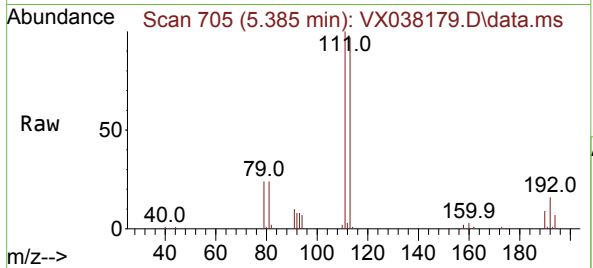




#35
Dibromofluoromethane
Concen: 45.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

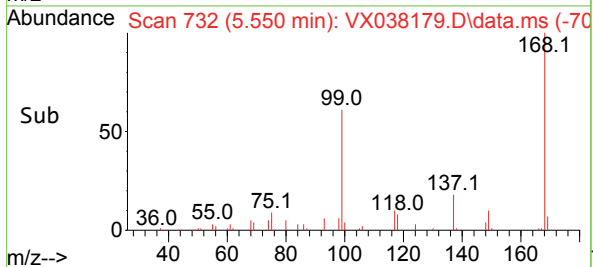
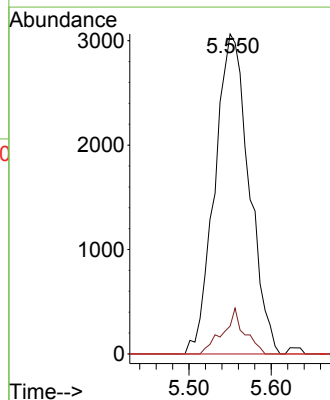
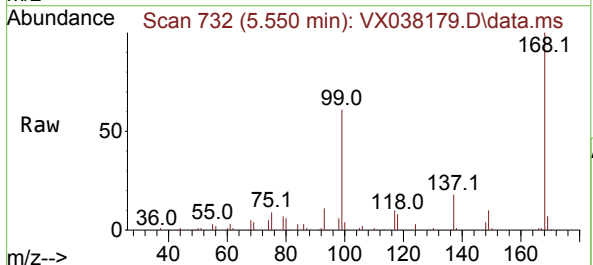
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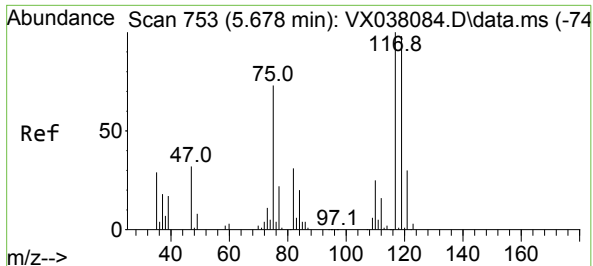
Tgt Ion:113 Resp: 63425
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 75 Resp: 8892
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#

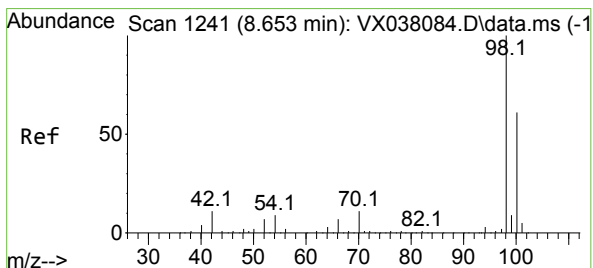
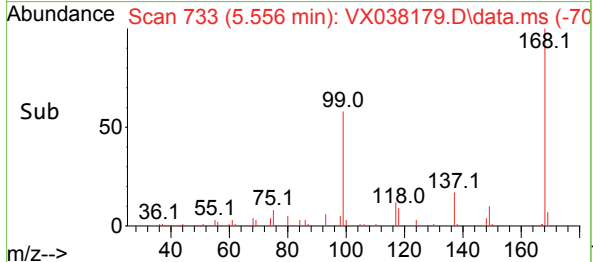
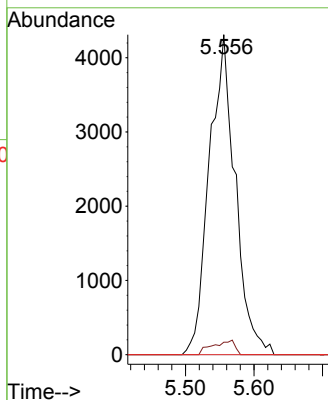
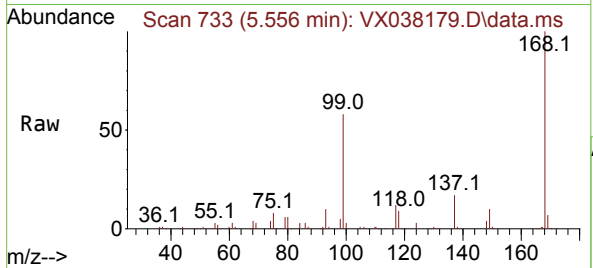




#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

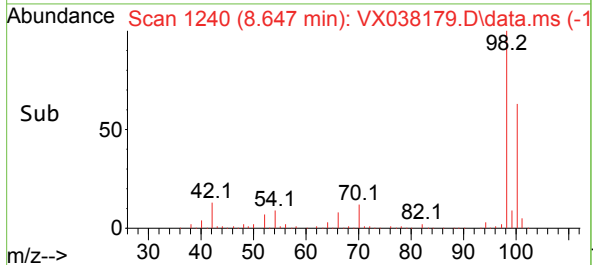
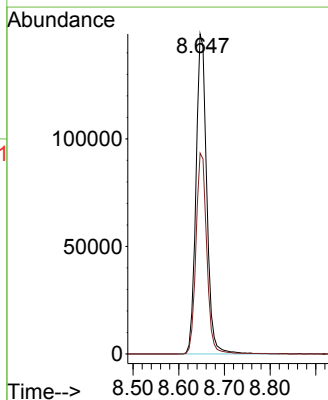
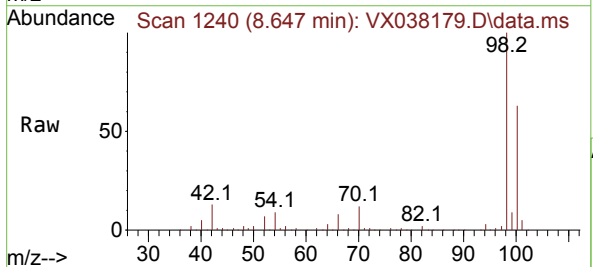
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

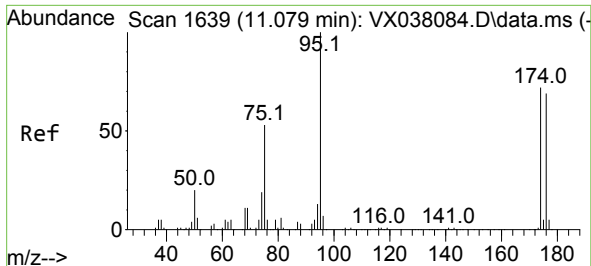
Tgt Ion:117 Resp: 11368
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 98 Resp: 242583
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

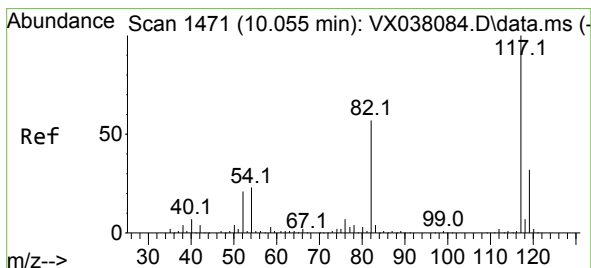
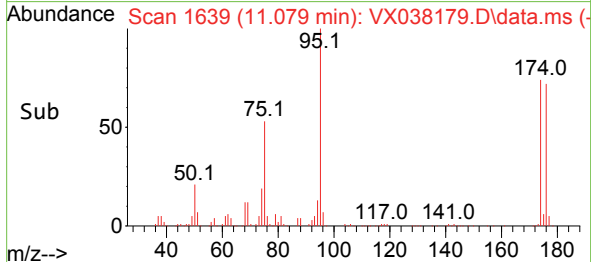
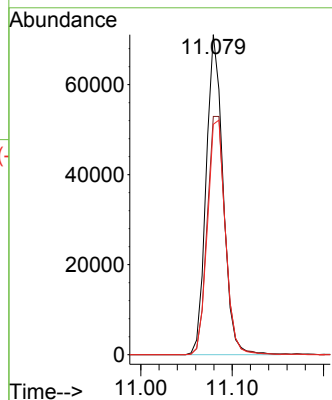
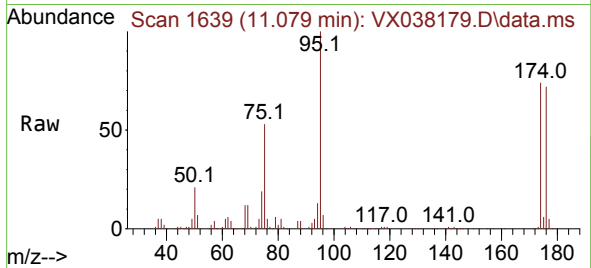




#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

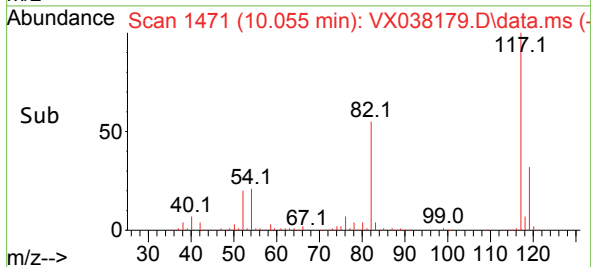
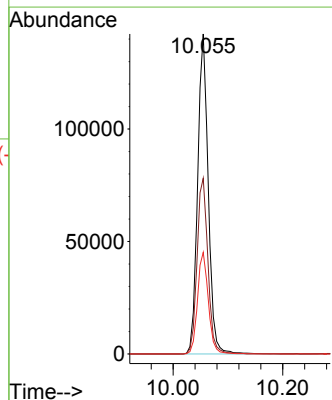
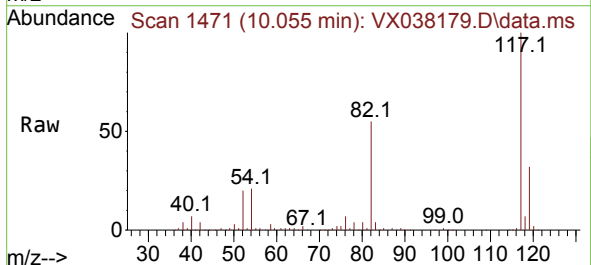
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

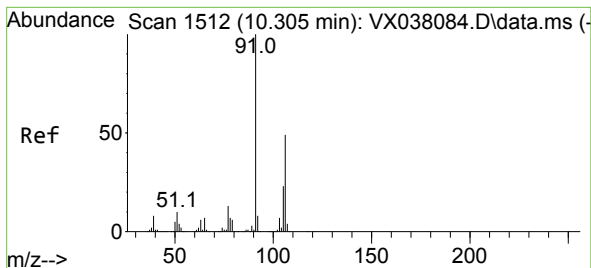
Tgt Ion: 95 Resp: 91001
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 77.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion: 117 Resp: 192148
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.8 25.5 38.3

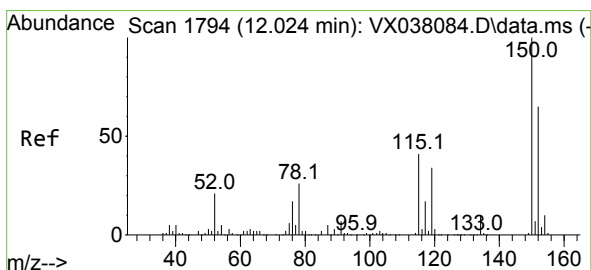
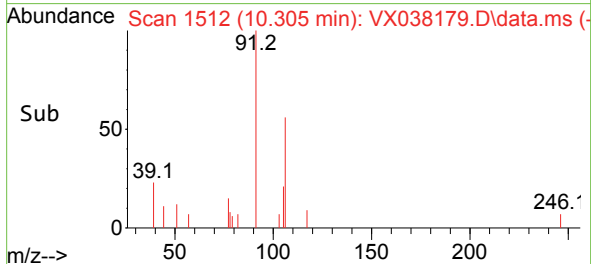
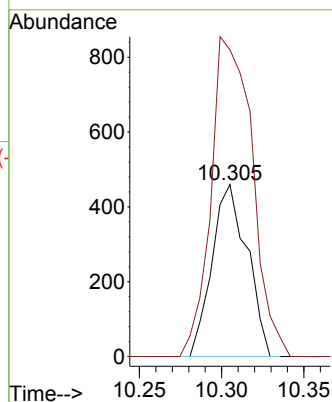
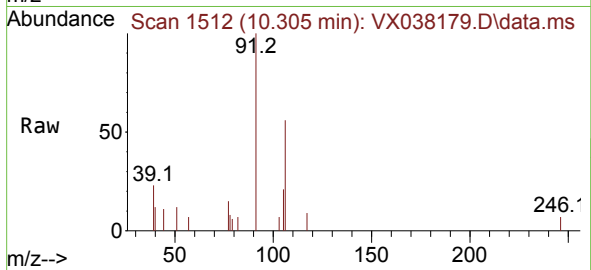




#68
m/p-Xylenes
Concen: 0.246 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

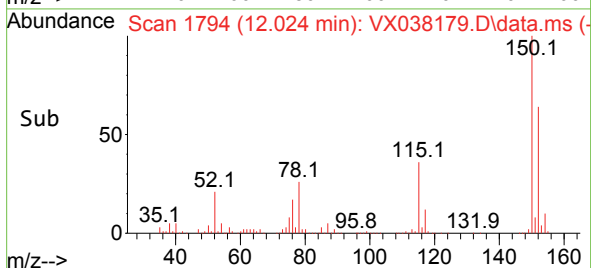
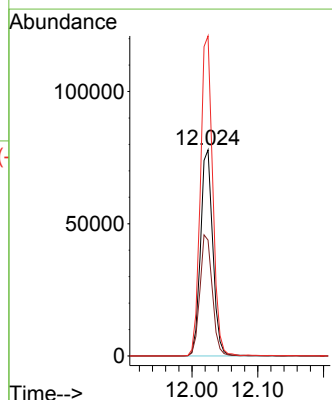
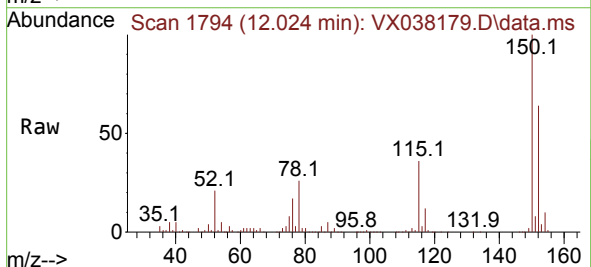
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

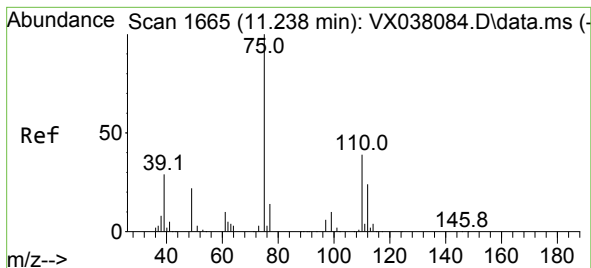
Tgt Ion:106 Resp: 683
Ion Ratio Lower Upper
106 100
91 218.2 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

Tgt Ion:152 Resp: 101031
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.196 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038179.D

Acq: 09 Oct 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

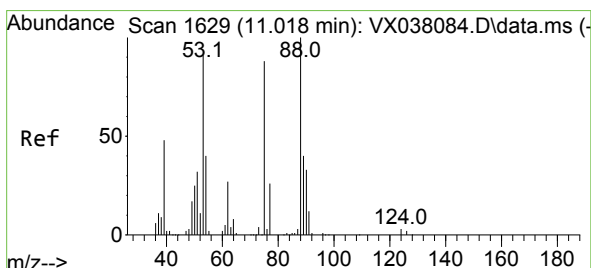
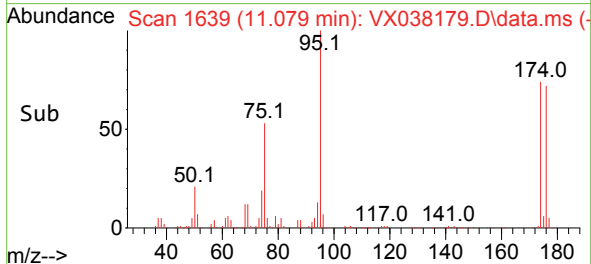
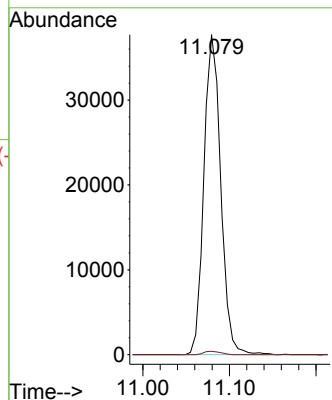
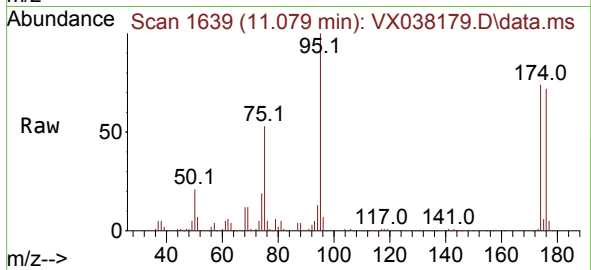
GW-1-23-26

Tgt Ion: 75 Resp: 50981

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.617 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038179.D

Acq: 09 Oct 2023 18:06

Tgt Ion: 75 Resp: 50981

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

