

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038202.D
 Acq On : 10 Oct 2023 15:33
 Operator : JC/MD
 Sample : 04782-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-4-23-26

Quant Time: Oct 11 01:39:09 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)

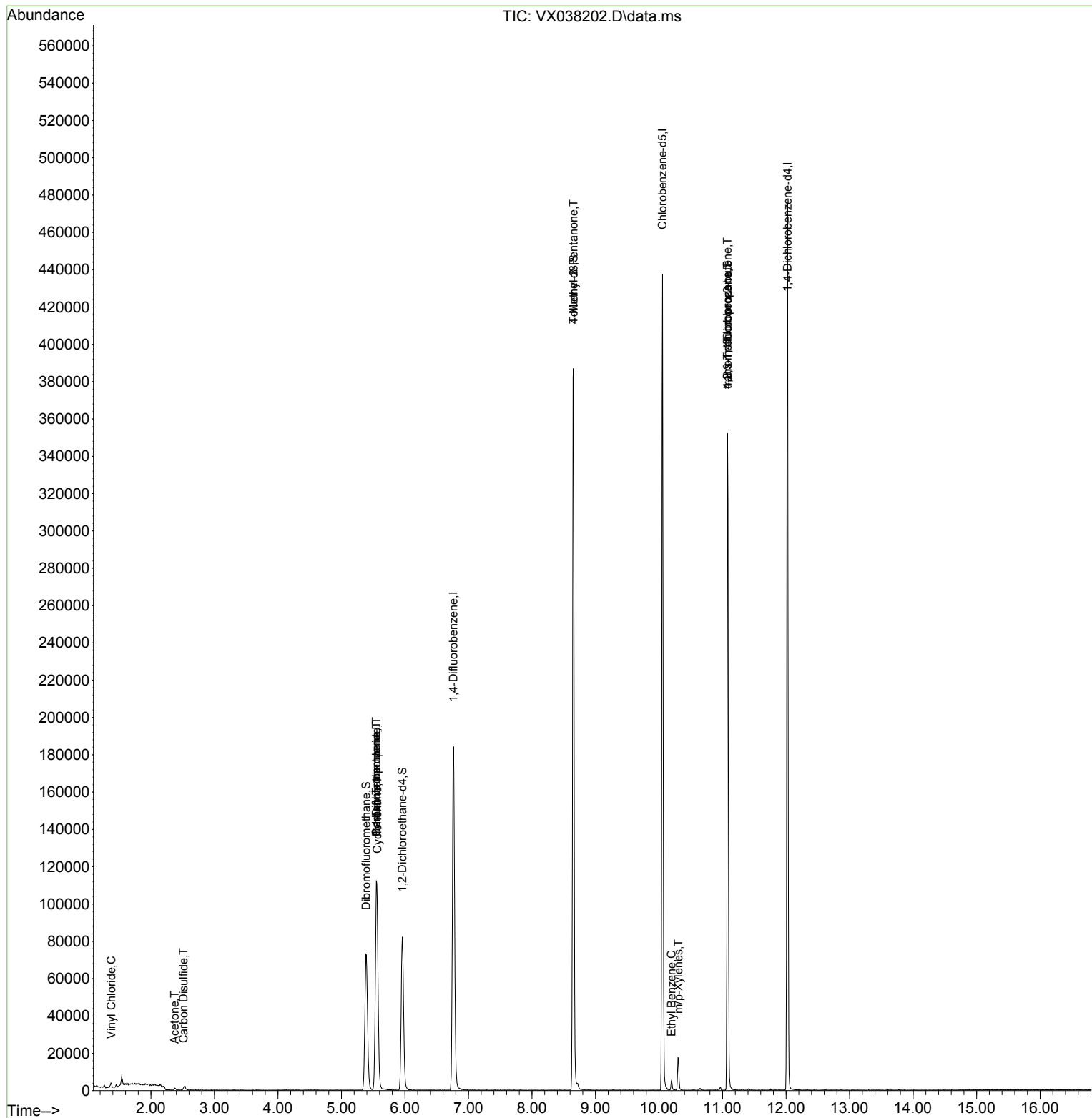
Internal Standards						
1) Pentafluorobenzene	5.550	168	106673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79033	46.063	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.385	113	62525	45.487	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	8.653	98	239724	45.639	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.280%#
62) 4-Bromofluorobenzene	11.079	95	88035	44.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1132	0.973	ug/l #	88
5) Bromomethane	1.617	94	19	Below Cal	#	3
6) Chloroethane	1.672	64	305	Below Cal	#	43
16) Acetone	2.373	43	1086	1.517	ug/l #	89
17) Carbon Disulfide	2.514	76	1186	0.422	ug/l #	92
31) Cyclohexane	5.562	56	2658	1.430	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	8710	4.595	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10848	5.818	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1092	0.471	ug/l #	1
67) Ethyl Benzene	10.195	91	3025	0.428	ug/l	94
68) m/p-Xylenes	10.305	106	4379	1.602	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	49833	22.329	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49833	63.972	ug/l #	5

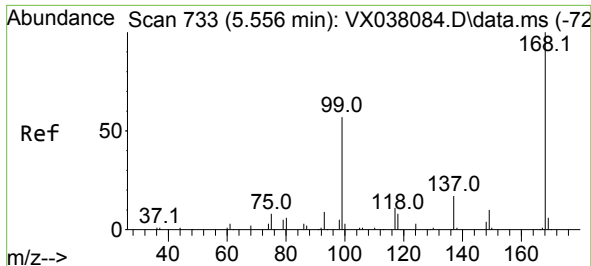
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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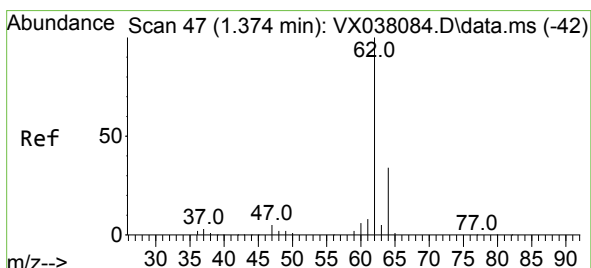
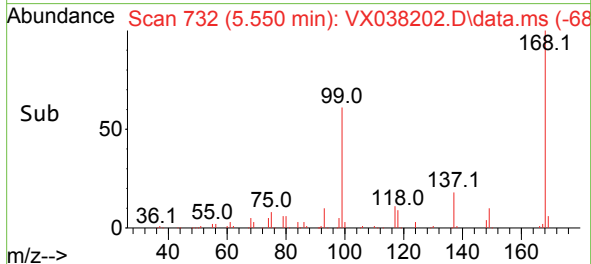
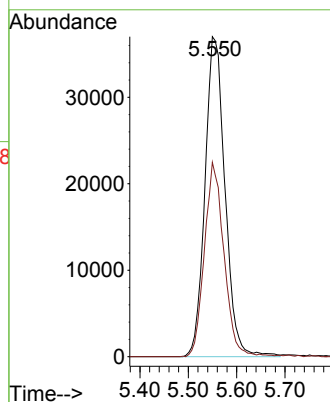
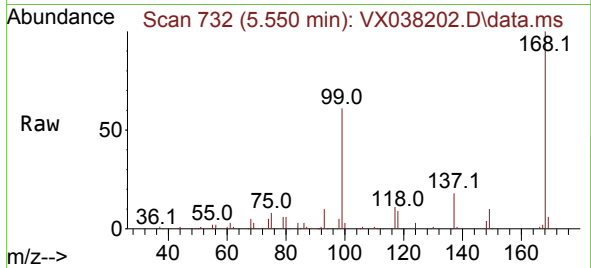




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

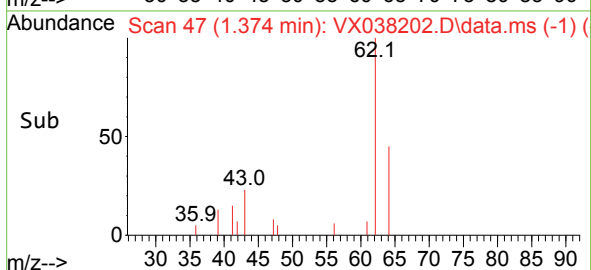
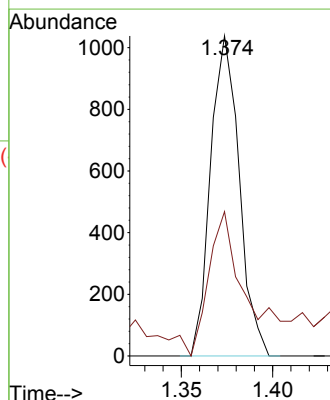
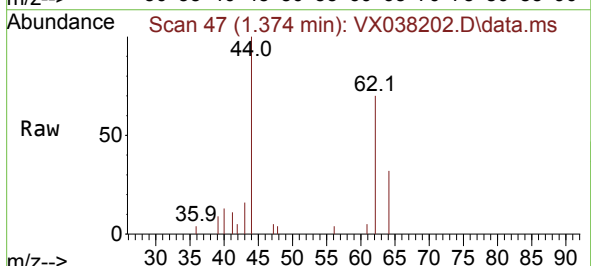
Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

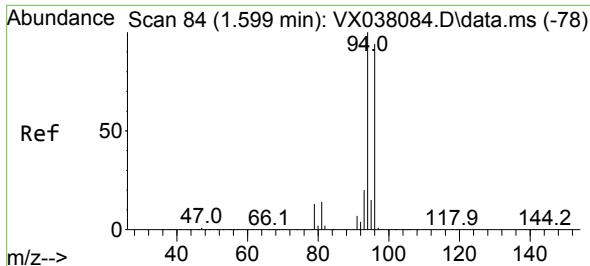
Tgt Ion:168 Resp: 106673
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#4
Vinyl Chloride
Concen: 0.973 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 62 Resp: 1132
Ion Ratio Lower Upper
62 100
64 38.6 25.4 38.0#

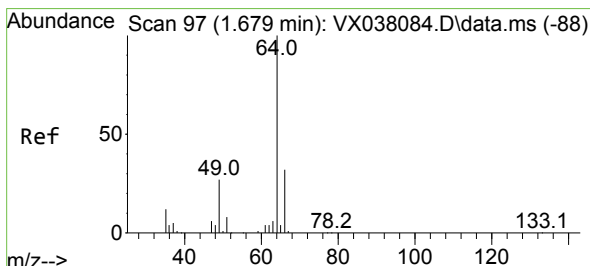
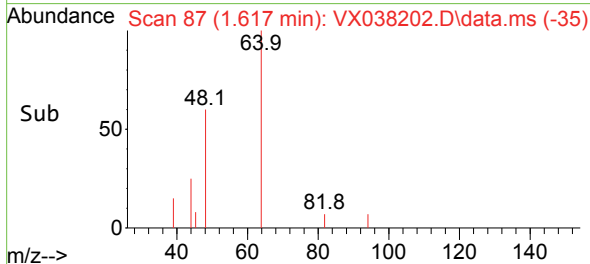
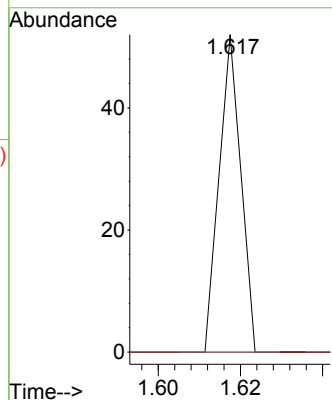
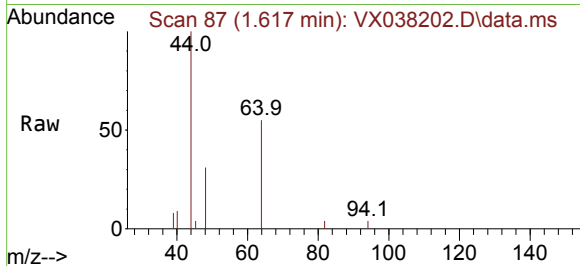




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

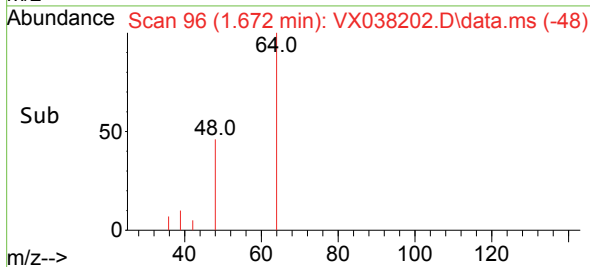
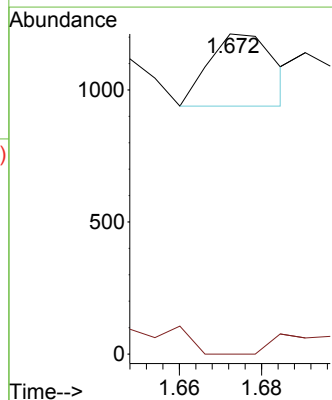
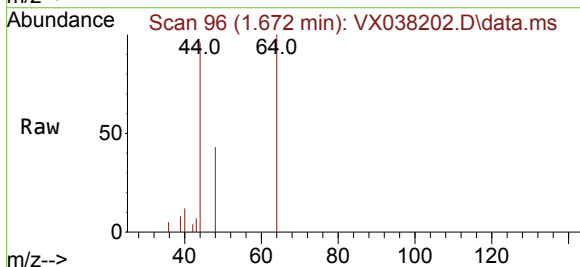
Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

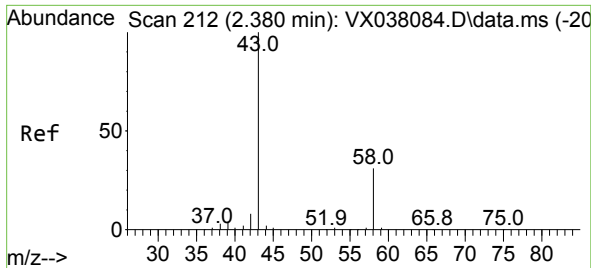
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

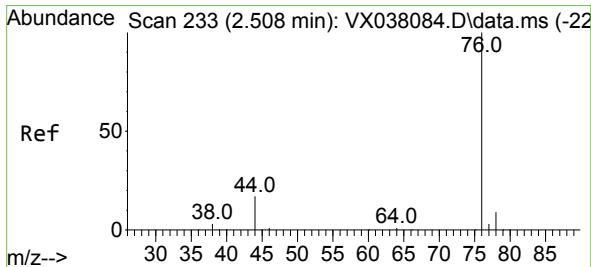
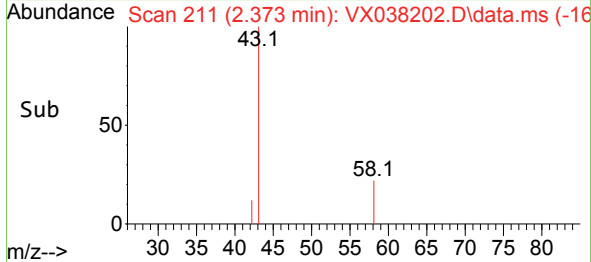
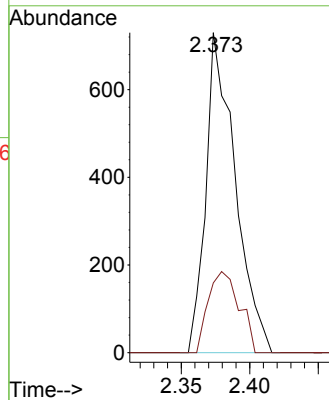
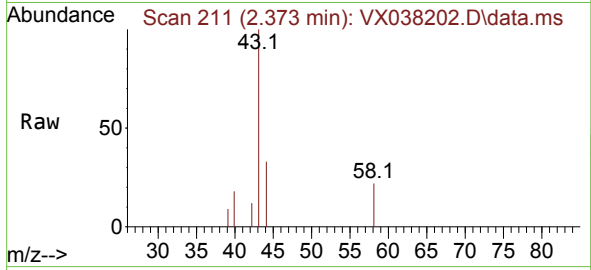




#16
Acetone
Concen: 1.517 ug/l
RT: 2.373 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

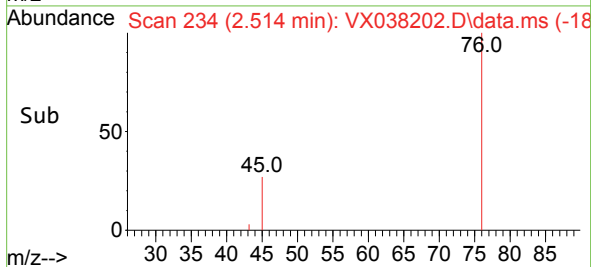
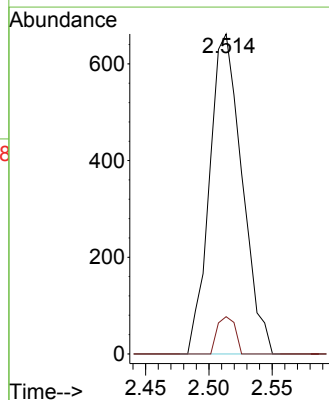
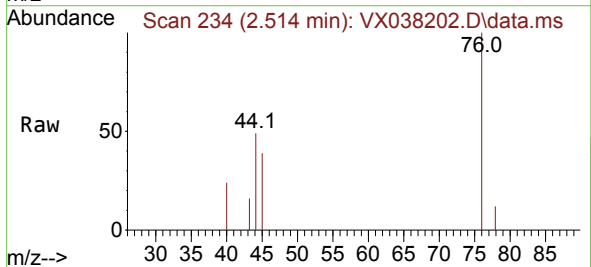
Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

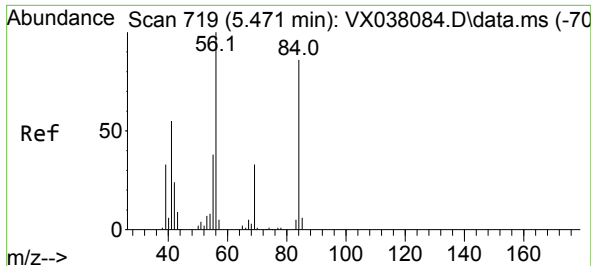
Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 21.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.422 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

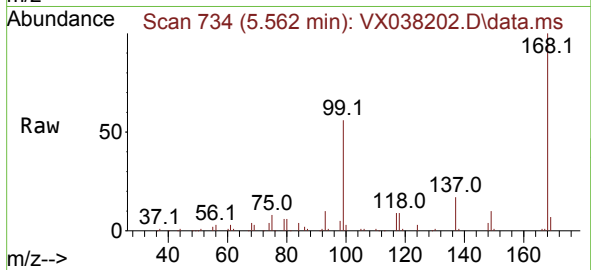
Tgt Ion: 76 Resp: 1186
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.6#



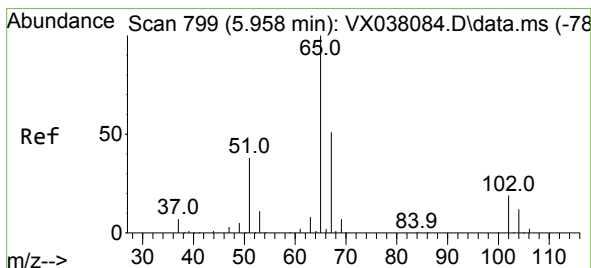
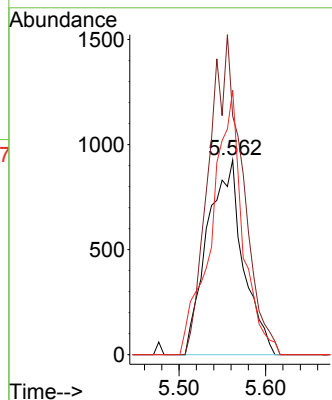
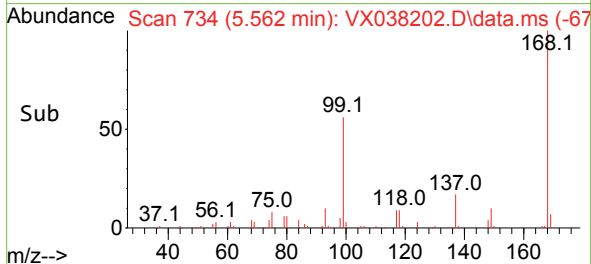


#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

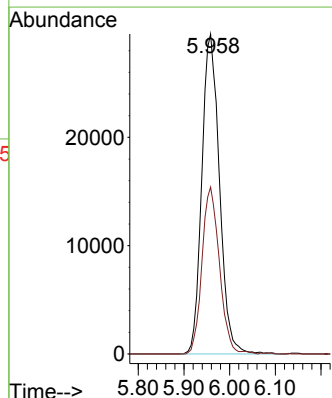
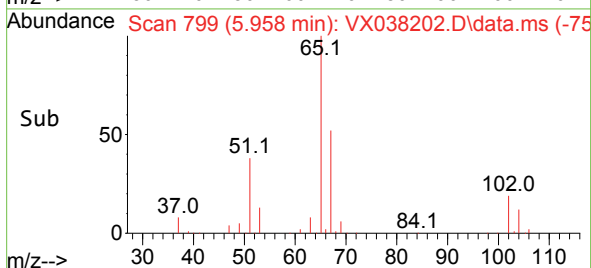
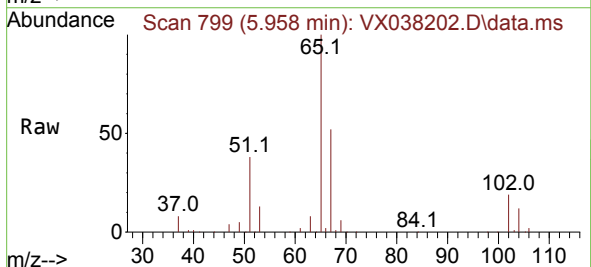


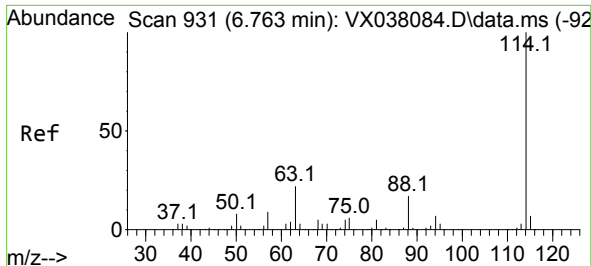
Tgt Ion: 56 Resp: 2658
Ion Ratio Lower Upper
56 100
69 122.4 23.4 35.2#
84 135.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.063 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 65 Resp: 79033
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

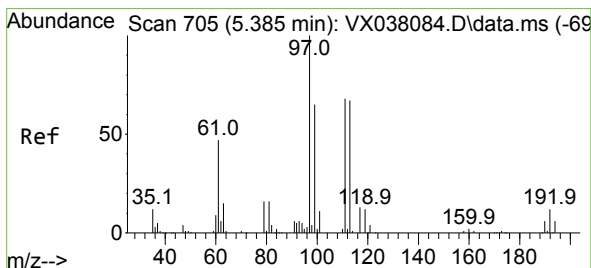
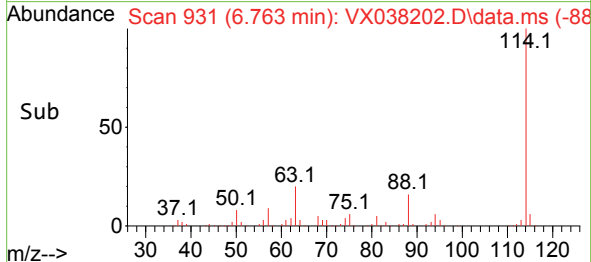
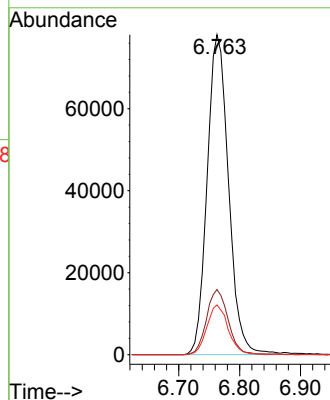
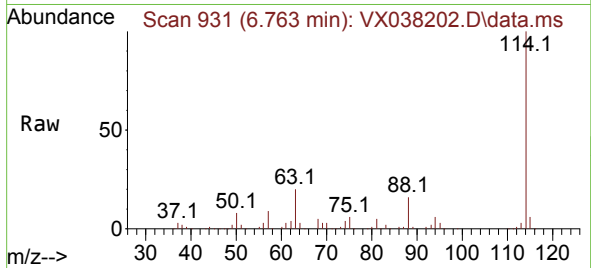




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

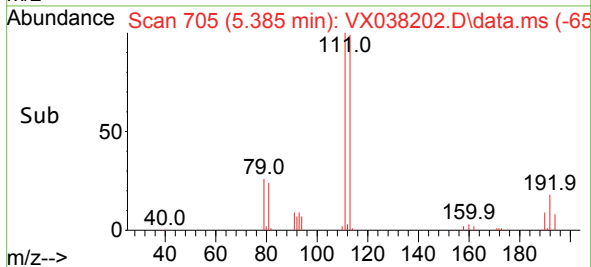
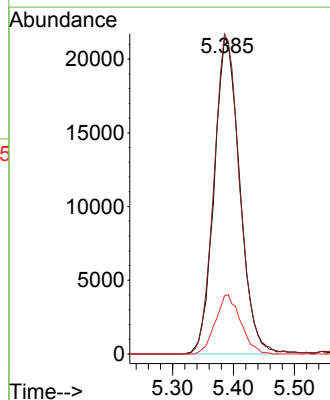
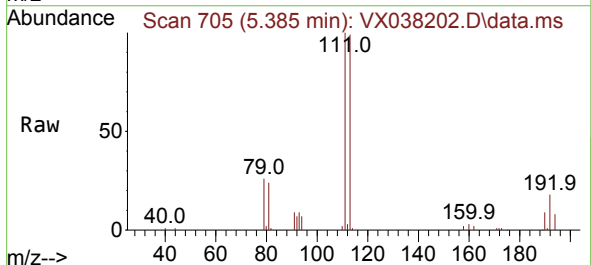
Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

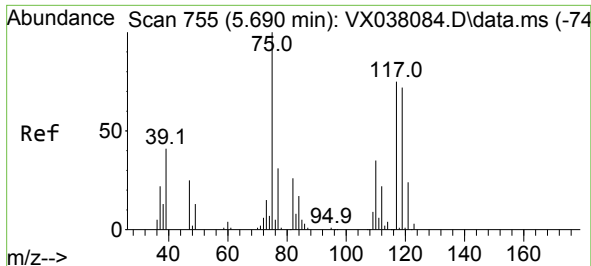
Tgt Ion:114 Resp: 190763
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.487 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion:113 Resp: 62525
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.4 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX038202.D

Acq: 10 Oct 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

GW-4-23-26

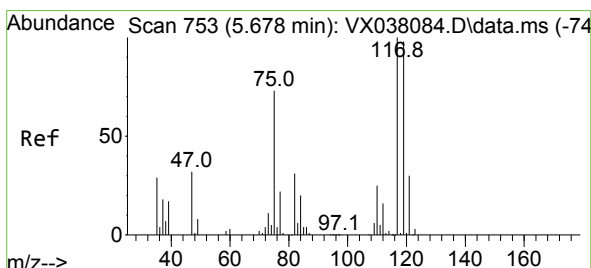
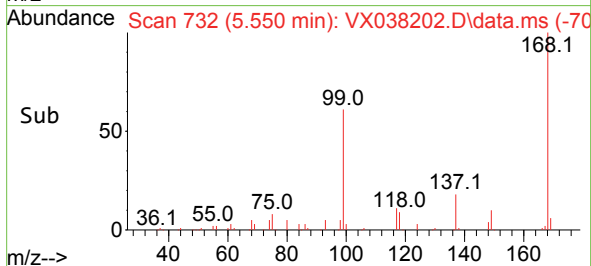
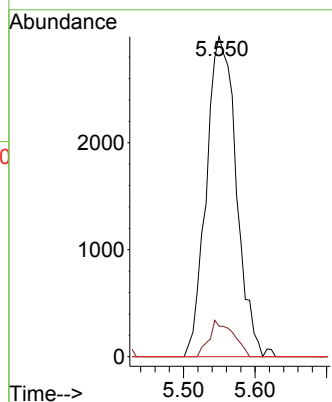
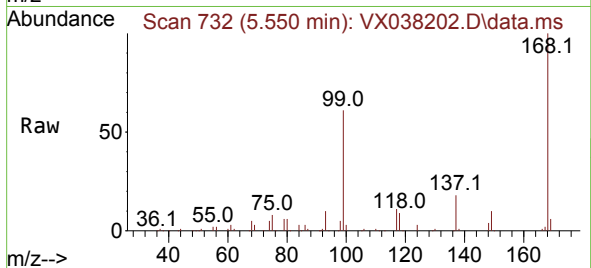
Tgt Ion: 75 Resp: 8710

Ion Ratio Lower Upper

75 100

110 9.0 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.818 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX038202.D

Acq: 10 Oct 2023 15:33

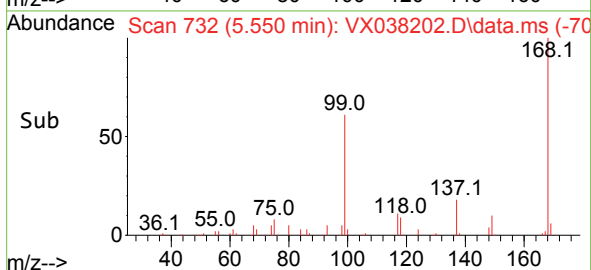
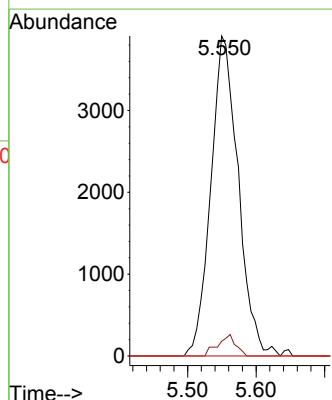
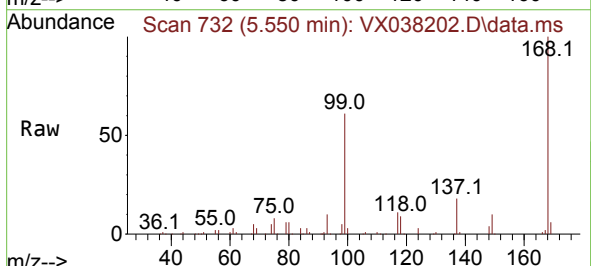
Tgt Ion: 117 Resp: 10848

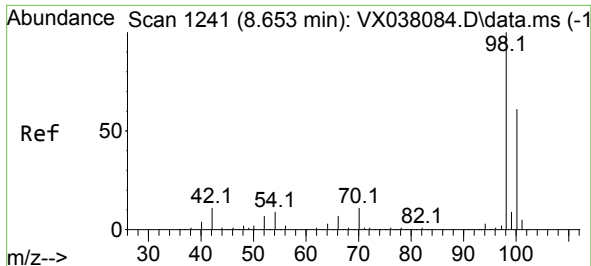
Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.2#

121 0.0 24.4 36.6#

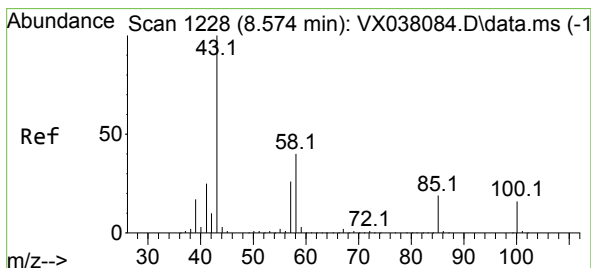
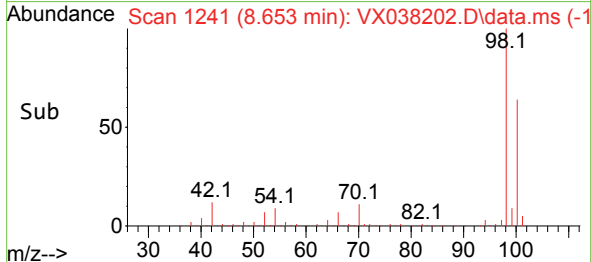
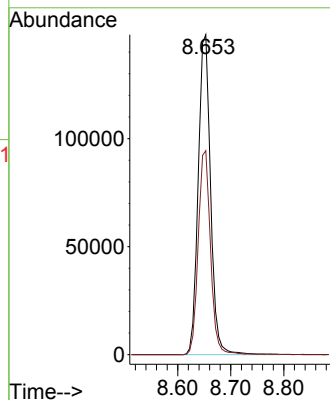
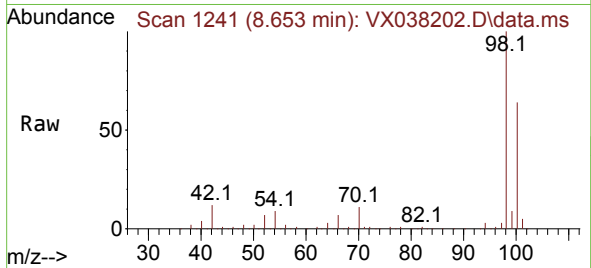




#50
Toluene-d8
Concen: 45.639 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

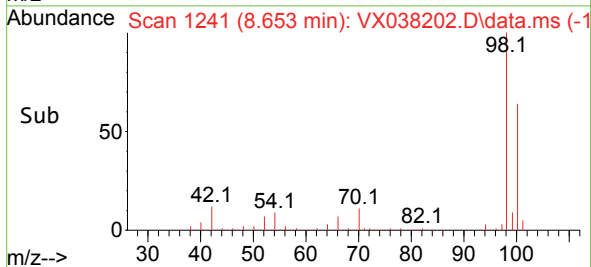
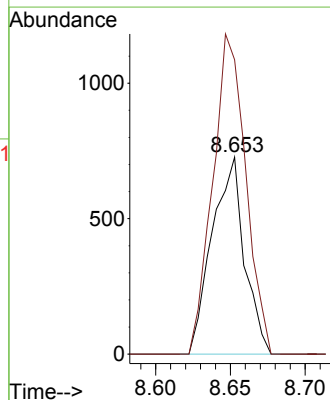
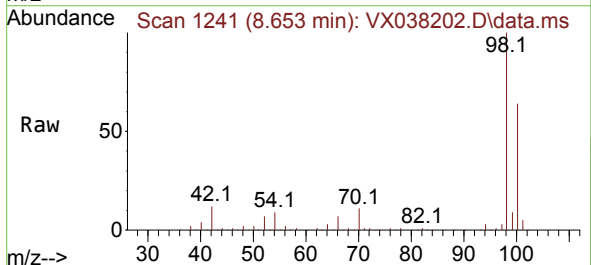
Instrument :
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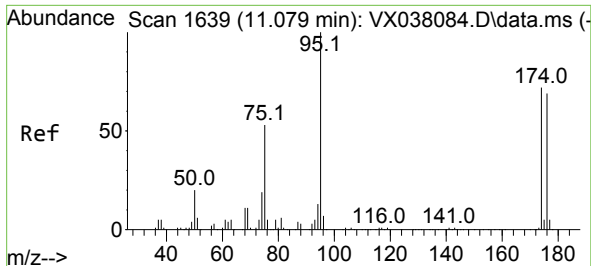
Tgt Ion: 98 Resp: 239724
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 166.0 30.4 45.6#

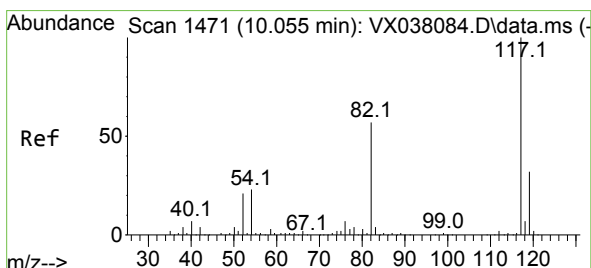
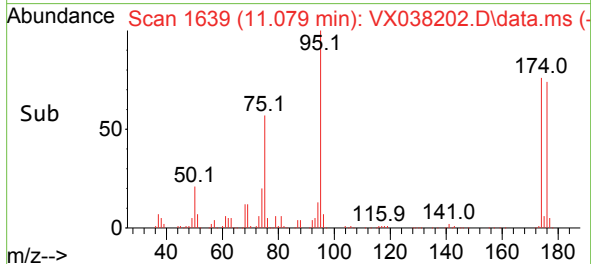
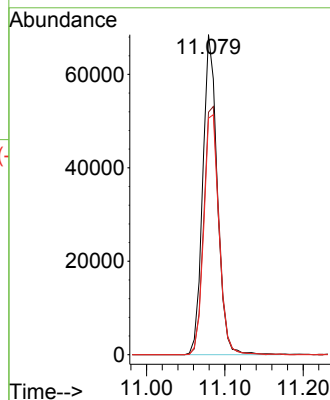
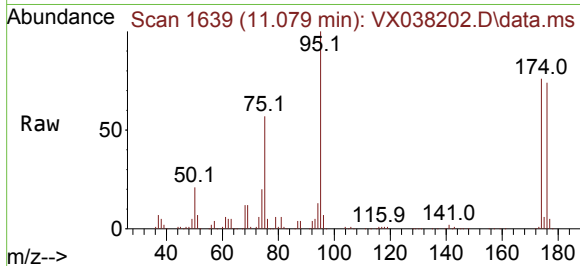




#62
4-Bromofluorobenzene
Concen: 44.210 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

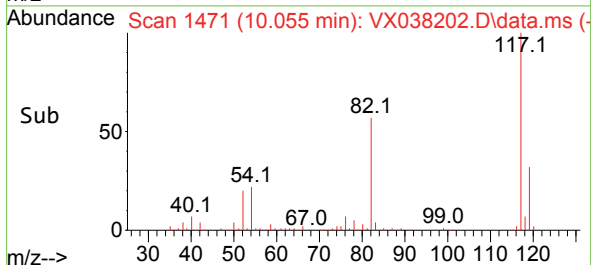
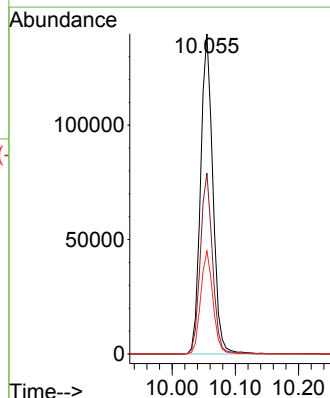
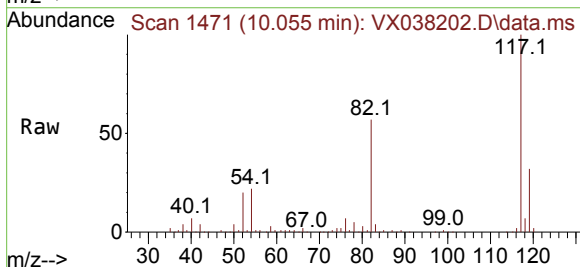
Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

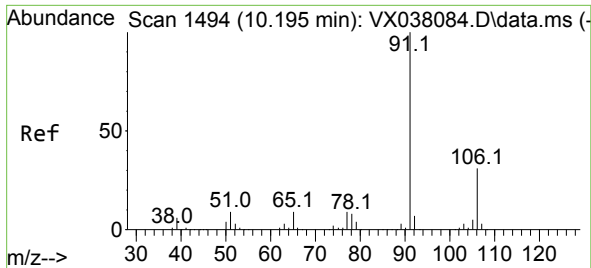
Tgt Ion: 95 Resp: 88035
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 78.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 117 Resp: 189294
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.1 25.5 38.3

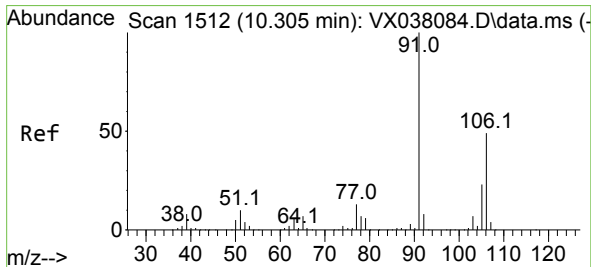
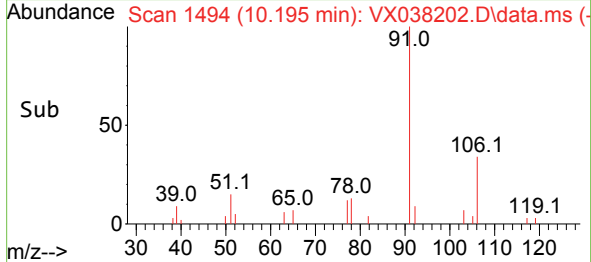
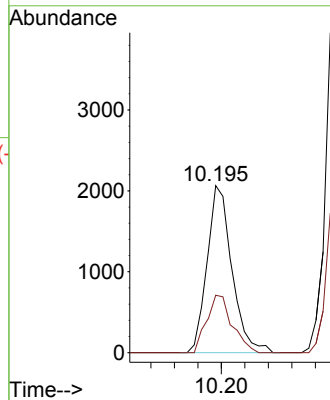
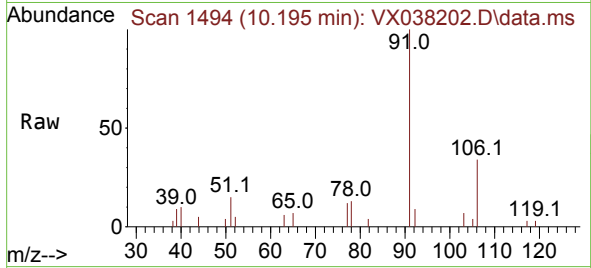




#67
Ethyl Benzene
Concen: 0.428 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

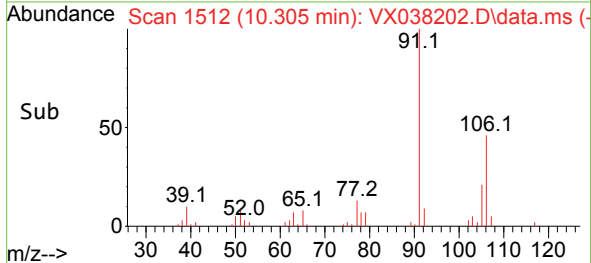
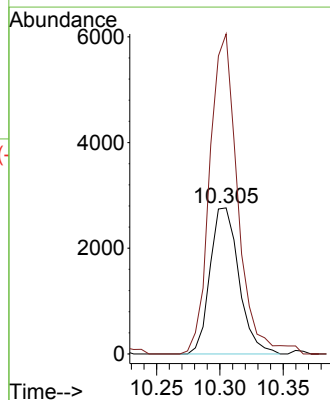
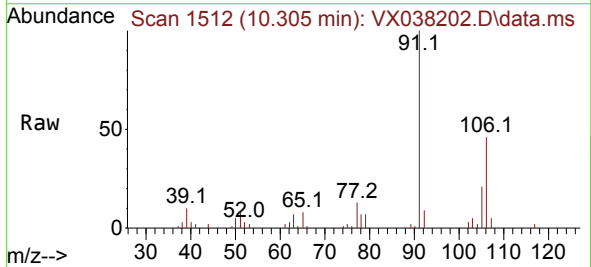
Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

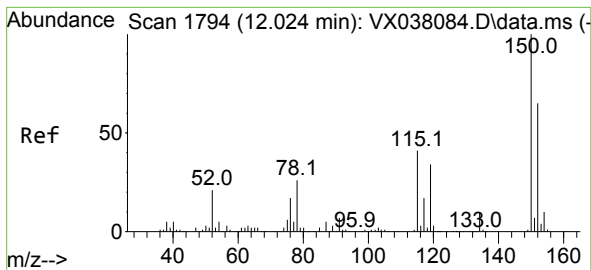
Tgt Ion: 91 Resp: 3025
Ion Ratio Lower Upper
91 100
106 34.4 24.9 37.3



#68
m/p-Xylenes
Concen: 1.602 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 106 Resp: 4379
Ion Ratio Lower Upper
106 100
91 212.9 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038202.D

Acq: 10 Oct 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

GW-4-23-26

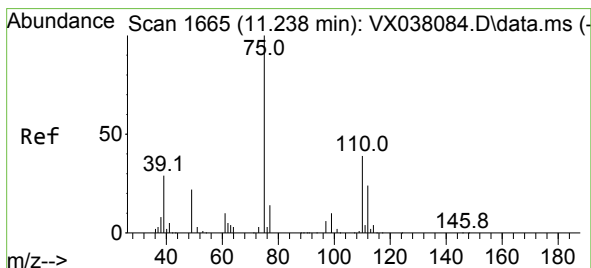
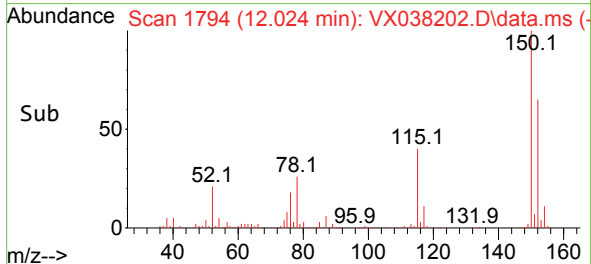
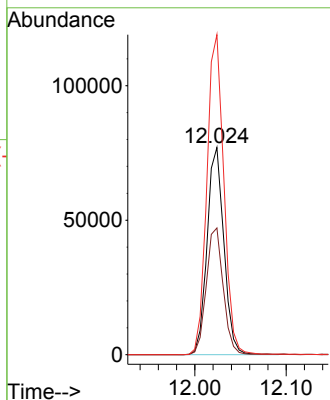
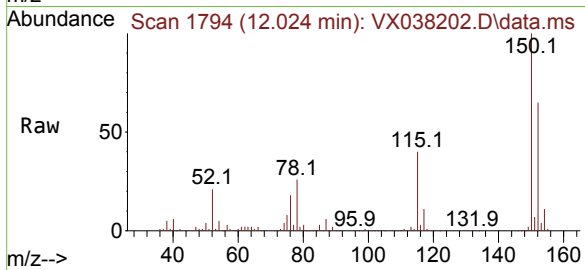
Tgt Ion:152 Resp: 98171

Ion Ratio Lower Upper

152 100

115 61.8 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.329 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038202.D

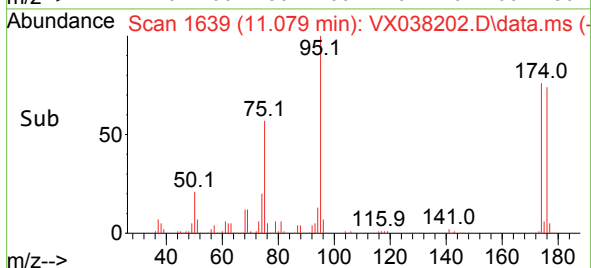
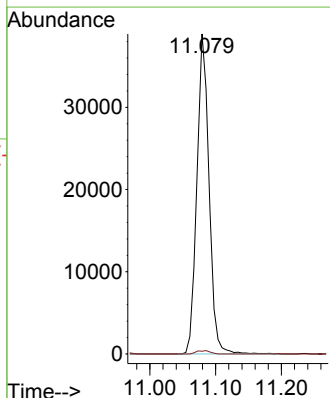
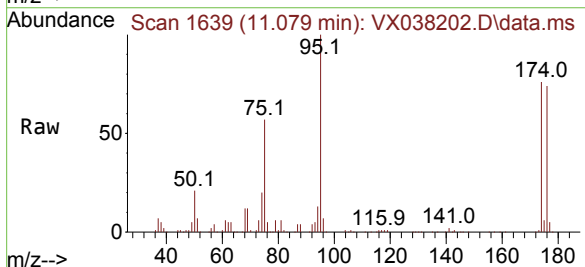
Acq: 10 Oct 2023 15:33

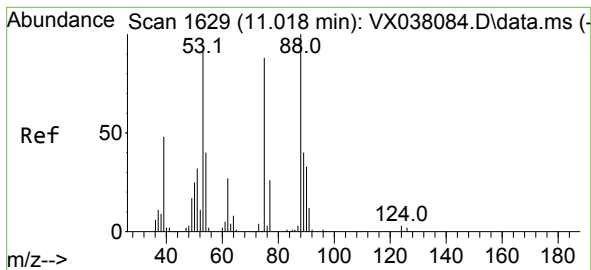
Tgt Ion: 75 Resp: 49833

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.972 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038202.D
 Acq: 10 Oct 2023 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-4-23-26

Tgt Ion: 75 Resp: 49833
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

