

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)

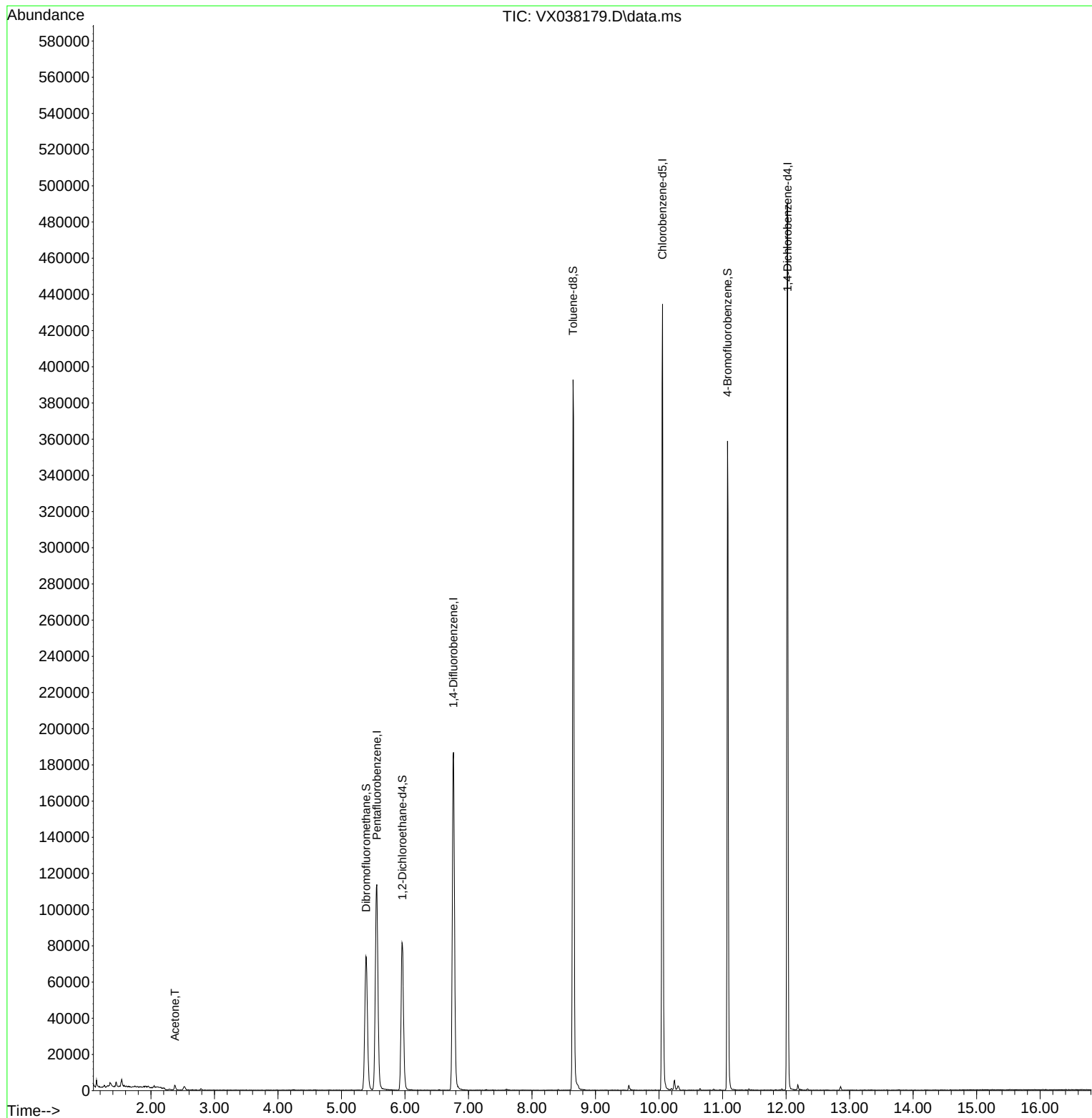
Internal Standards						
1) Pentafluorobenzene	5.556	168	108262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
16) Acetone	2.380	43	2826	3.889	ug/l	Qvalue # 85

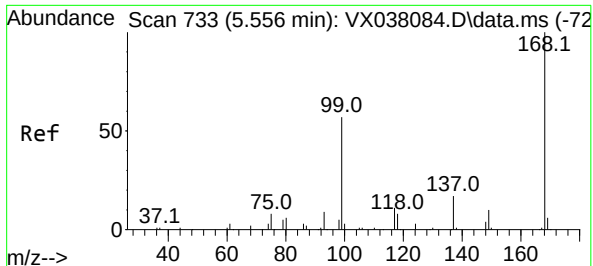
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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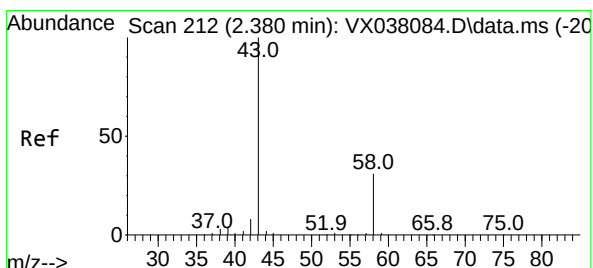
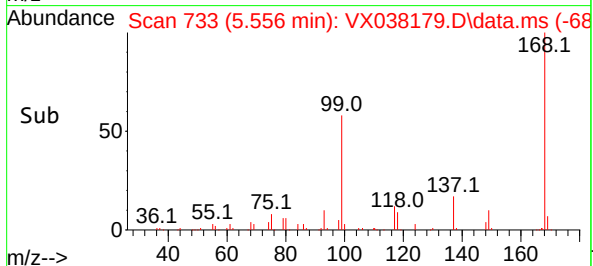
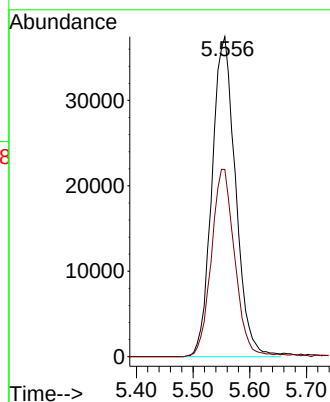
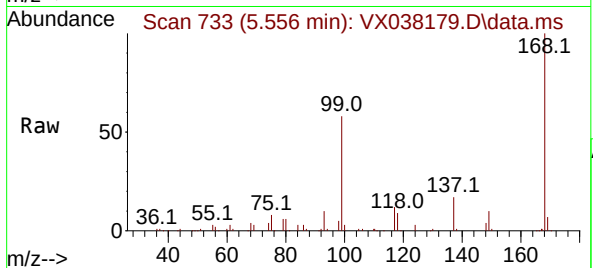




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

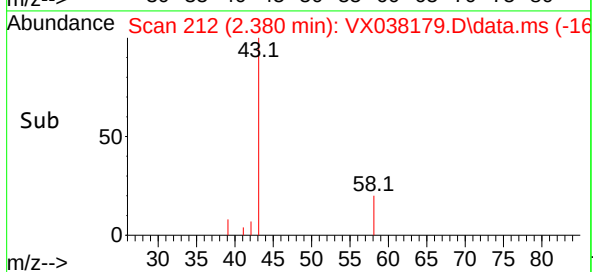
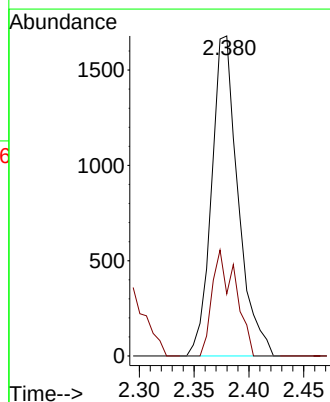
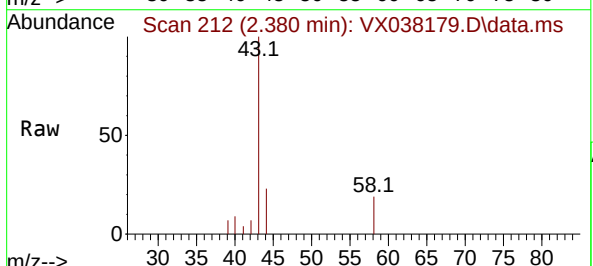
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

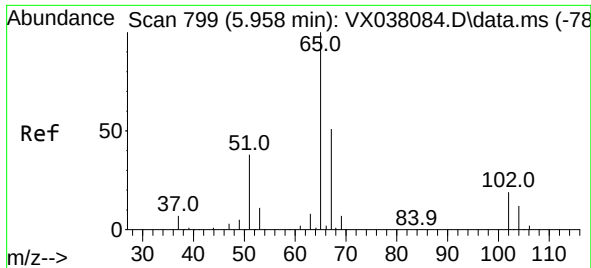
Tgt Ion:168 Resp: 108262
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#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

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

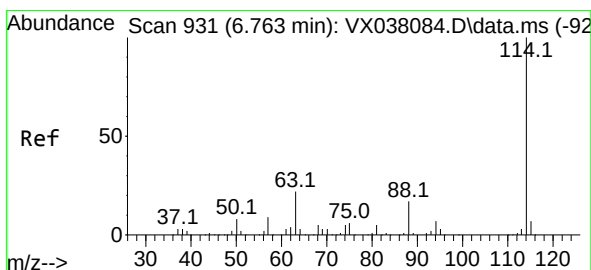
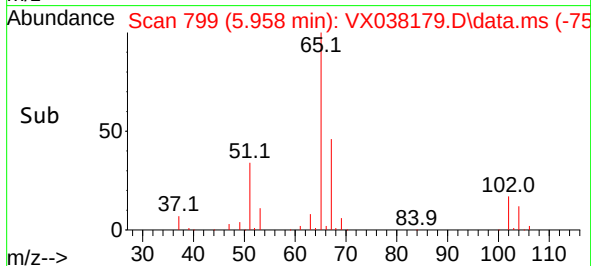
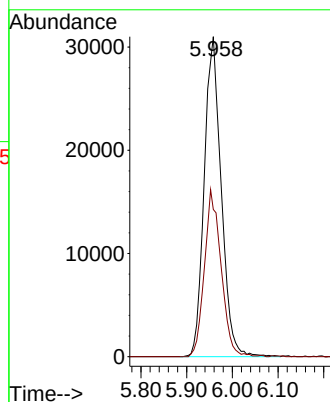
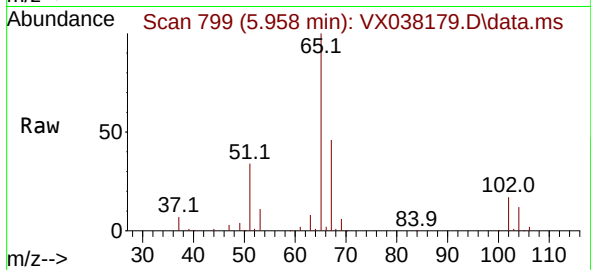




#33
 1,2-Dichloroethane-d4
 Concen: 46.135 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038179.D
 Acq: 09 Oct 2023 18:06

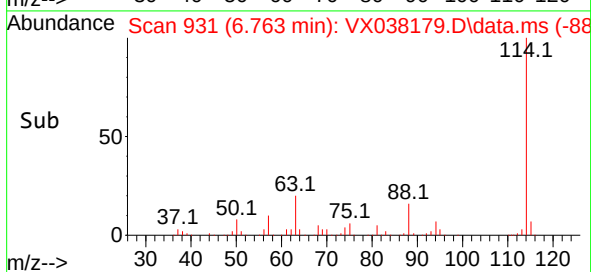
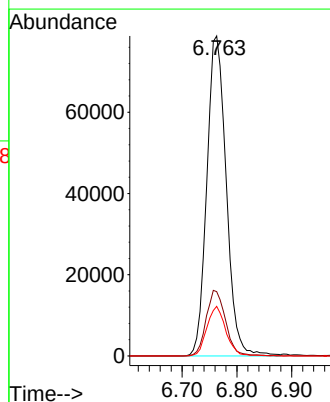
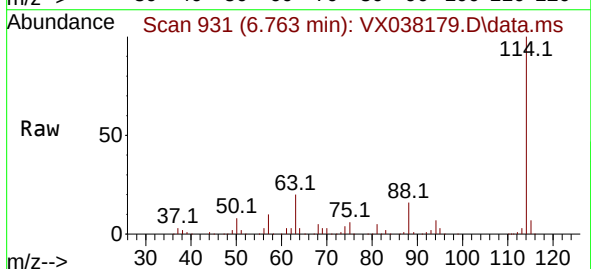
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-1-23-26

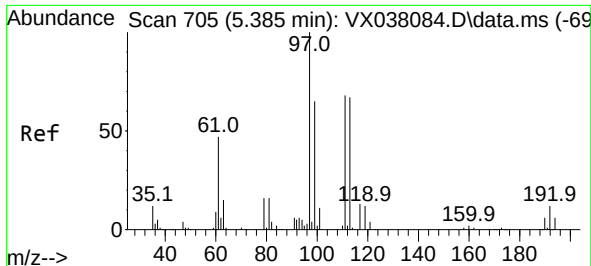
Tgt Ion: 65 Resp: 80336
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#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

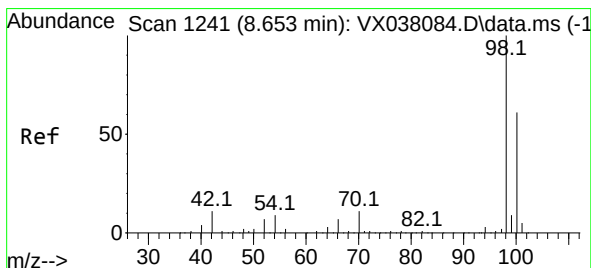
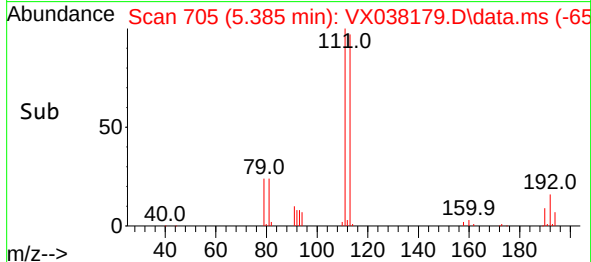
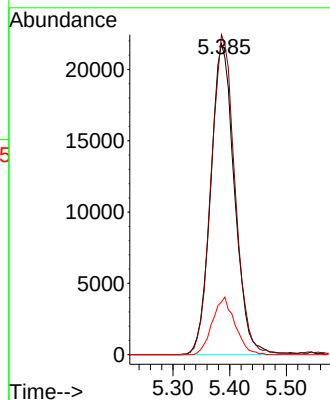
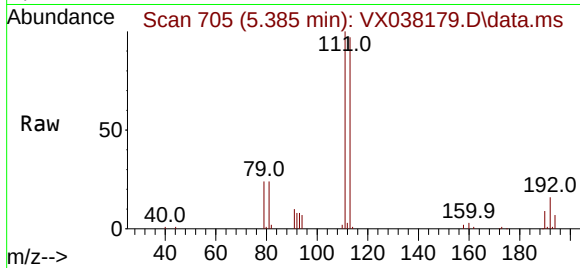




#35
Dibromofluoromethane
Concen: 45.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038179.D
Acq: 09 Oct 2023 18:06

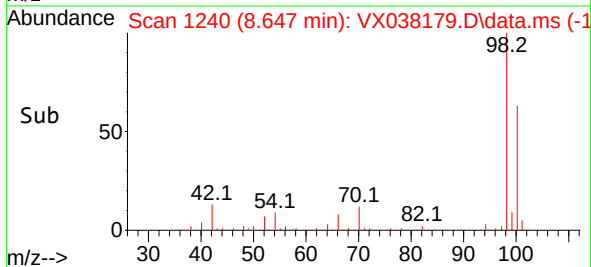
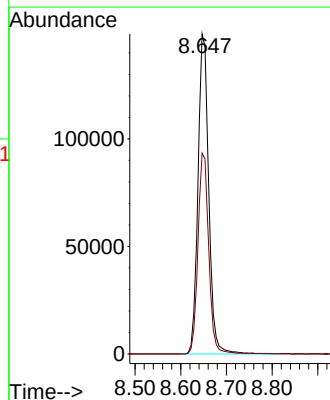
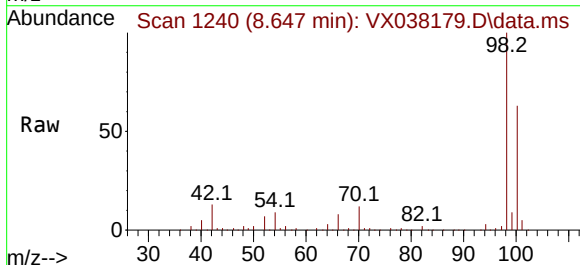
Instrument :
MSVOA_X
ClientSampleId :
GW-1-23-26

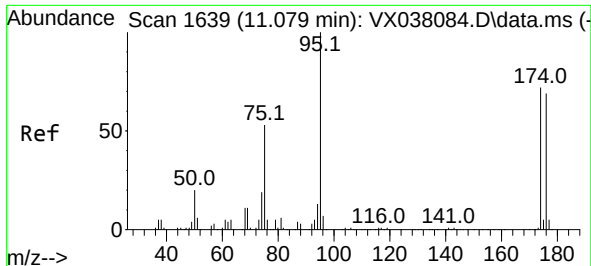
Tgt Ion:113 Resp: 63425
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 17.6 13.3 19.9



#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

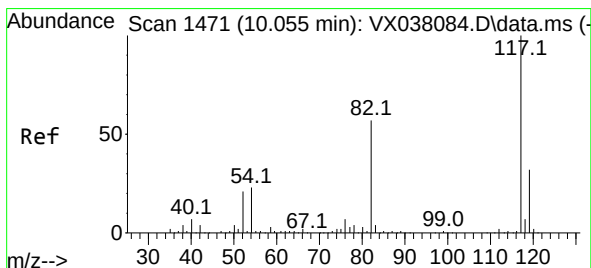
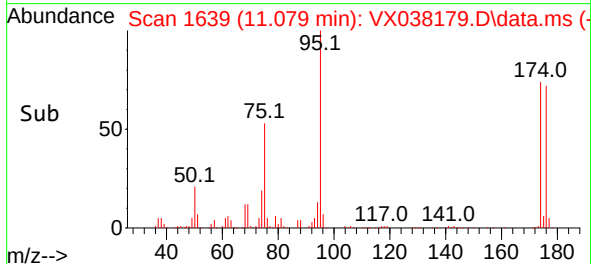
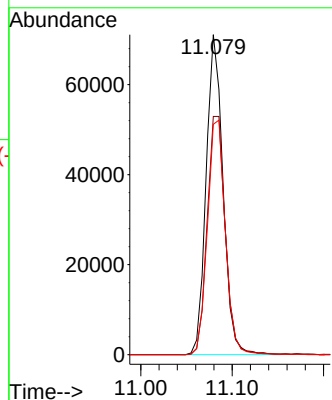
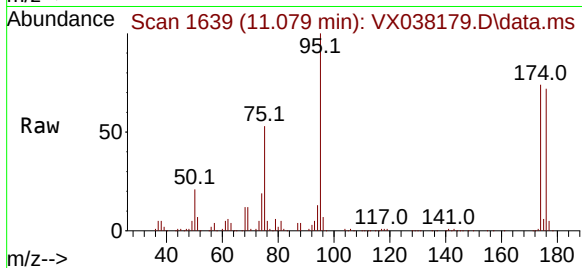
Tgt Ion: 95 Resp: 91001

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

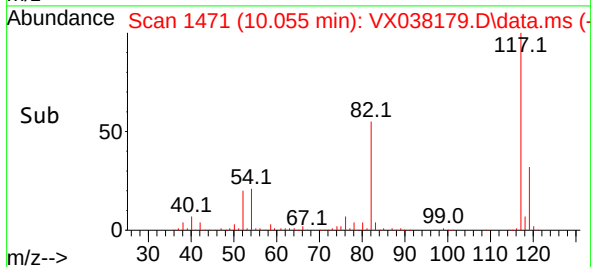
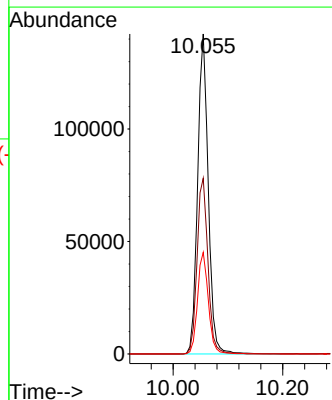
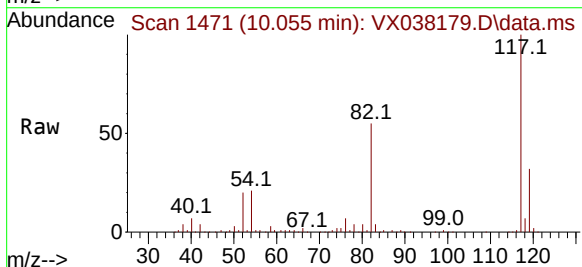
Tgt Ion: 117 Resp: 192148

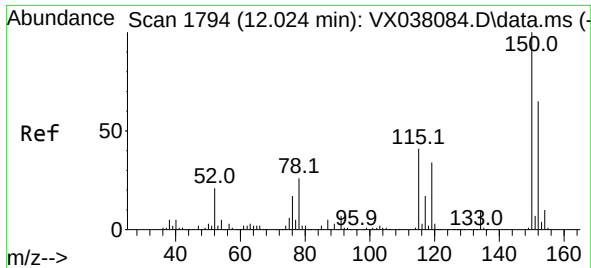
Ion Ratio Lower Upper

117 100

82 54.9 46.2 69.4

119 31.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 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:152 Resp: 101031
 Ion Ratio Lower Upper
 152 100
 115 59.3 43.3 129.9
 150 155.5 0.0 345.0

