

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038400.D
 Acq On : 20 Oct 2023 14:20
 Operator : JC/MD
 Sample : 04985-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-21-23-26

Quant Time: Oct 21 01:39:56 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)

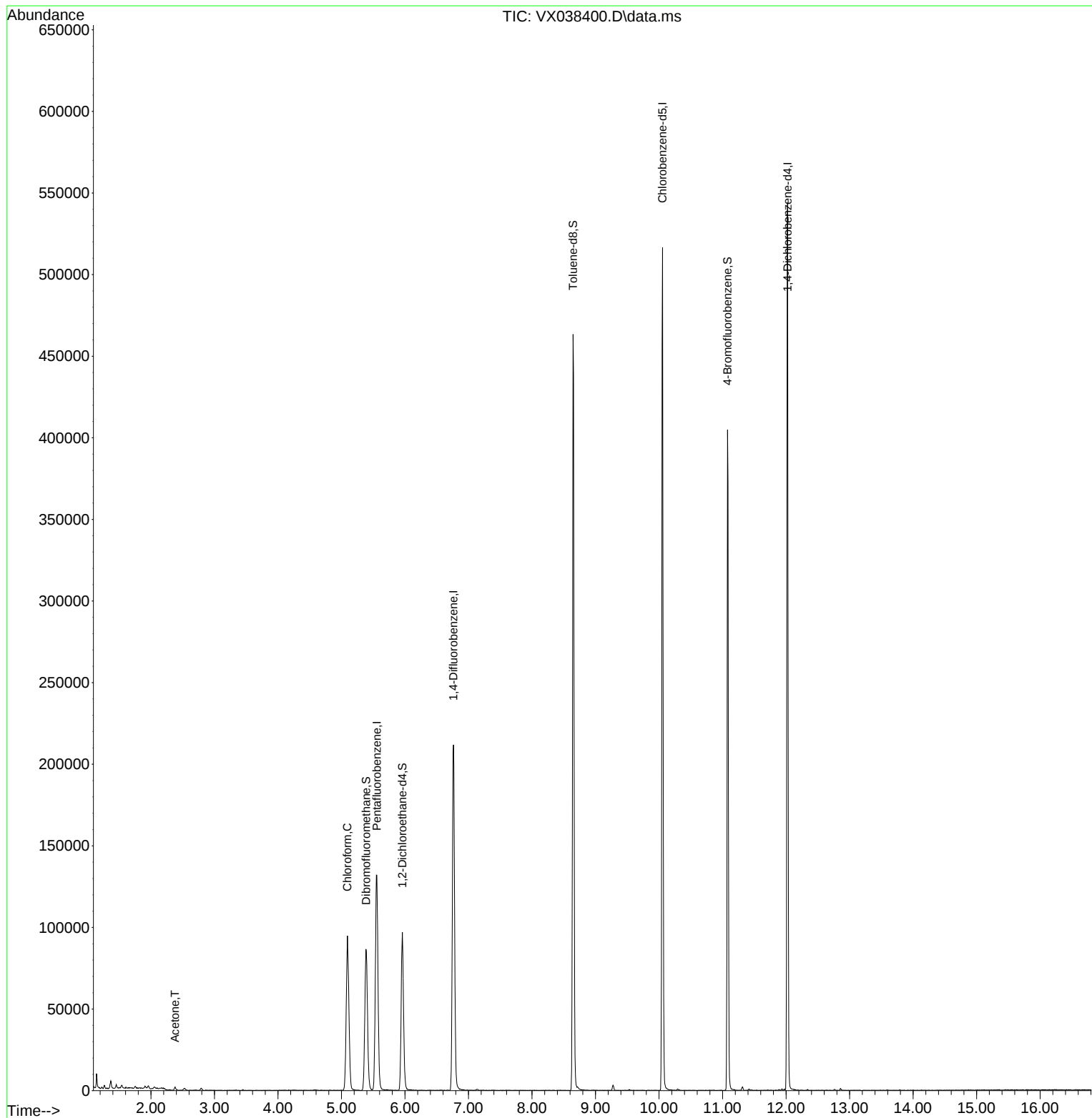
Internal Standards						
1) Pentafluorobenzene	5.556	168	124339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	223548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90277	45.140	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.280%
35) Dibromofluoromethane	5.385	113	74662	46.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.647	98	278790	45.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.580%#
62) 4-Bromofluorobenzene	11.079	95	103582	44.389	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2078	2.490	ug/l	92
30) Chloroform	5.093	83	107118	37.849	ug/l	99

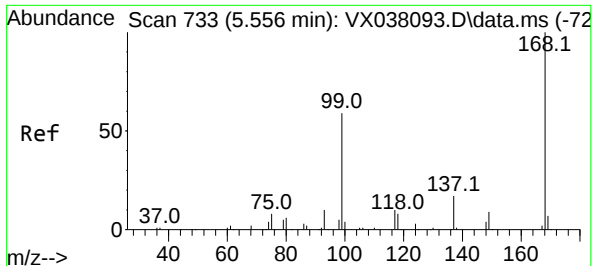
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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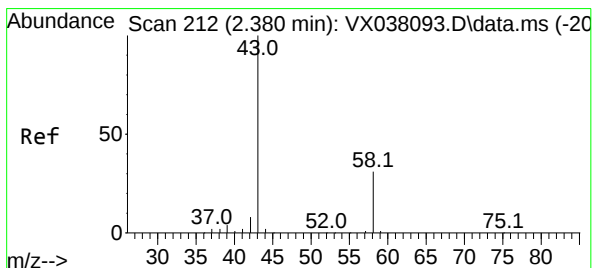
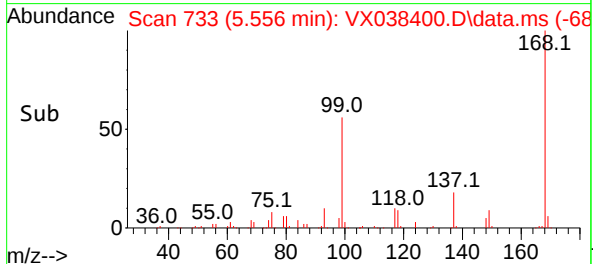
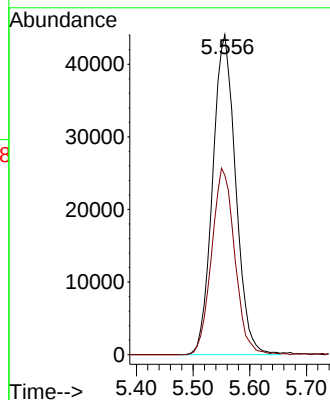
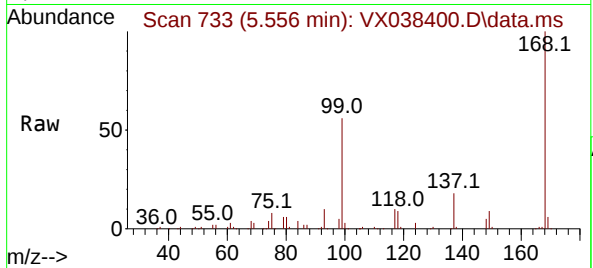




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

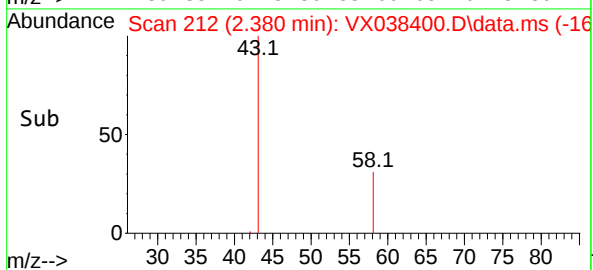
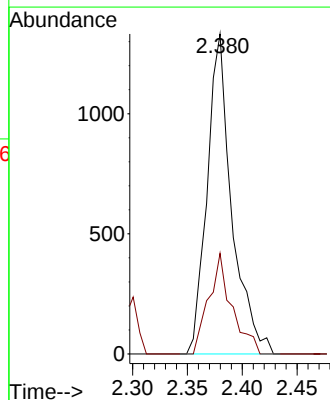
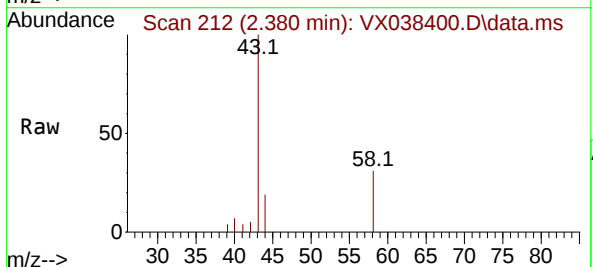
Instrument :
MSVOA_X
ClientSampleId :
GW-21-23-26

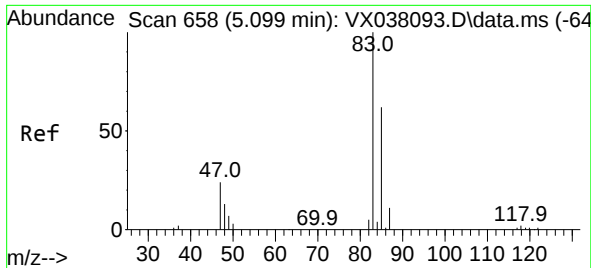
Tgt Ion:168 Resp: 124339
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#16
Acetone
Concen: 2.490 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9

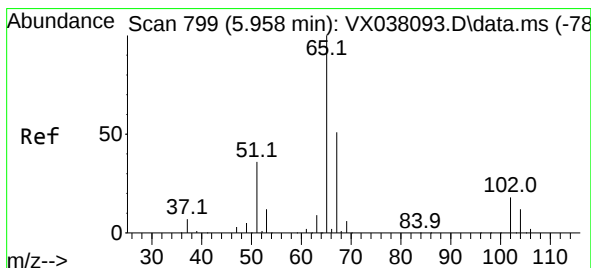
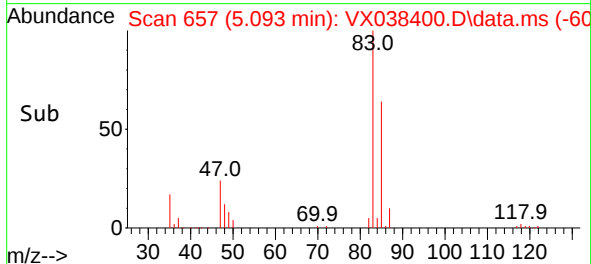
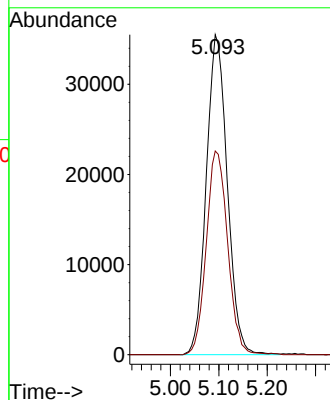
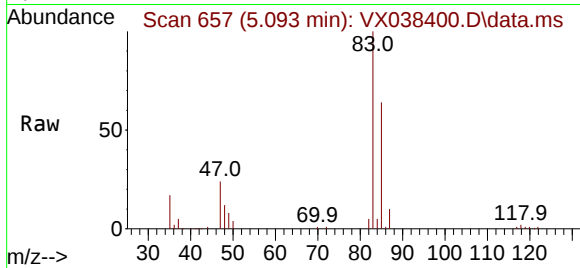




#30
Chloroform
Concen: 37.849 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

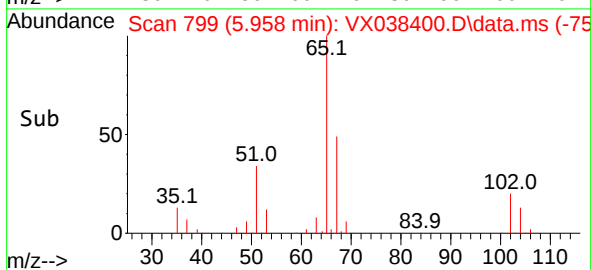
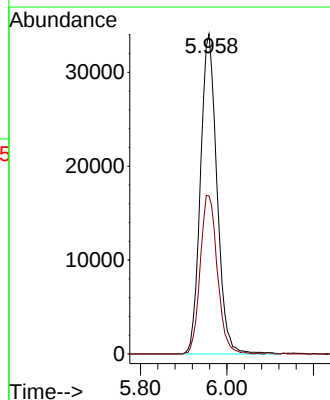
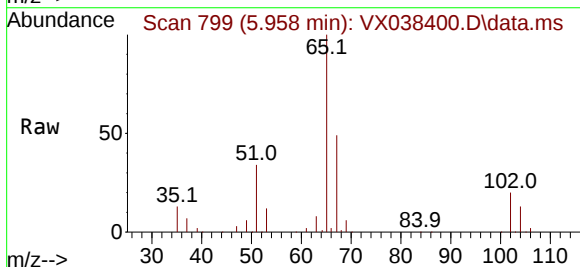
Instrument :
MSVOA_X
ClientSampleId :
GW-21-23-26

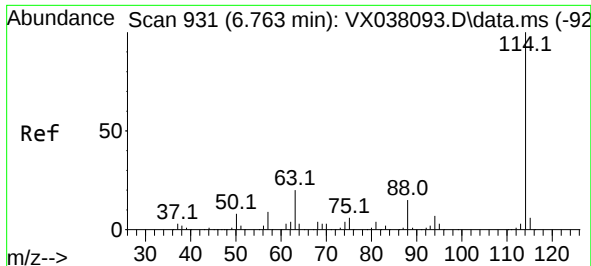
Tgt Ion: 83 Resp: 107118
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 45.140 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

Tgt Ion: 65 Resp: 90277
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

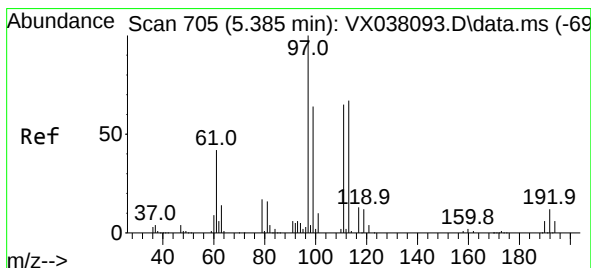
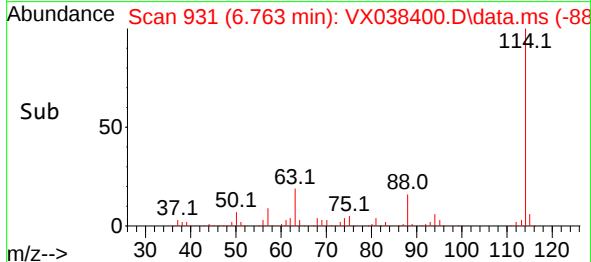
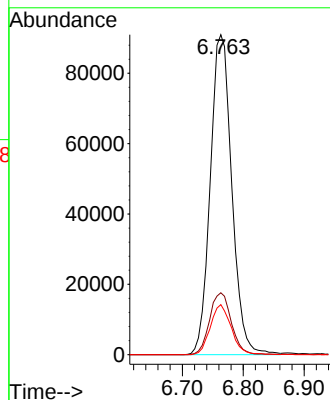
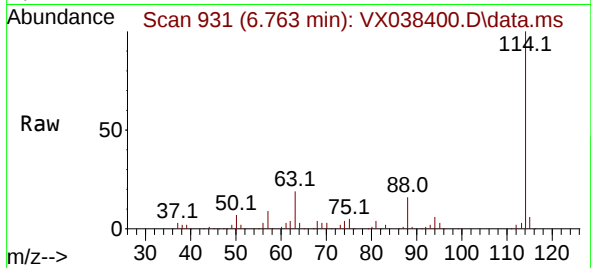




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

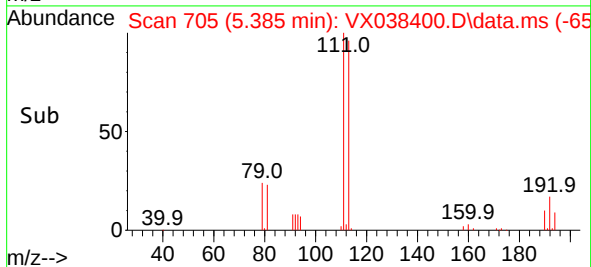
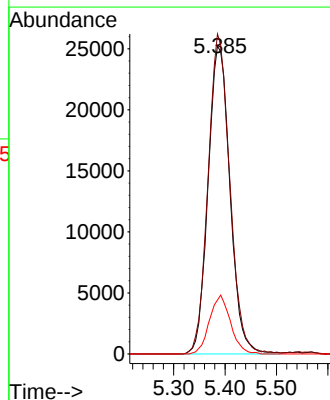
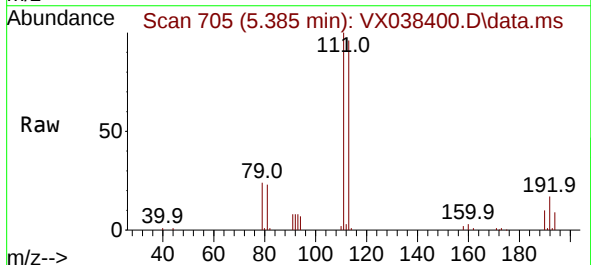
Instrument :
MSVOA_X
ClientSampleId :
GW-21-23-26

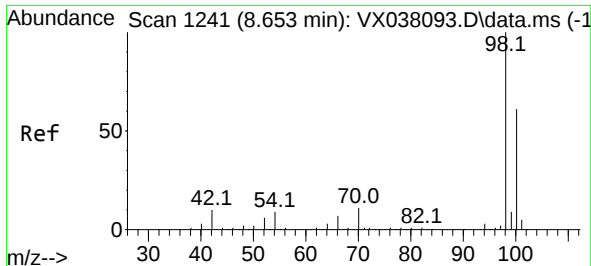
Tgt Ion:114 Resp: 223548
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.351 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

Tgt Ion:113 Resp: 74662
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.3 13.3 19.9

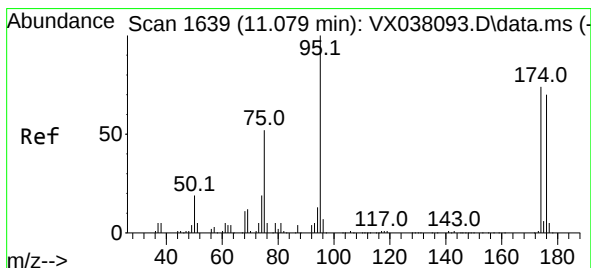
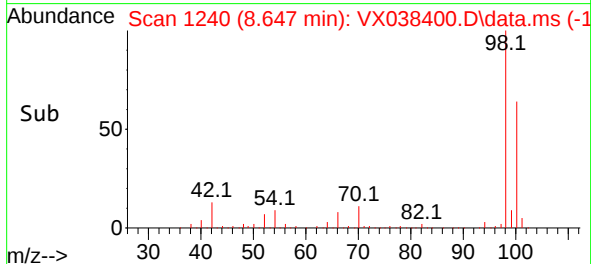
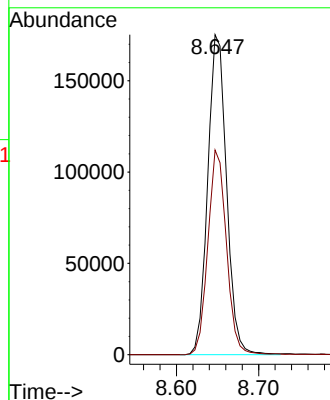
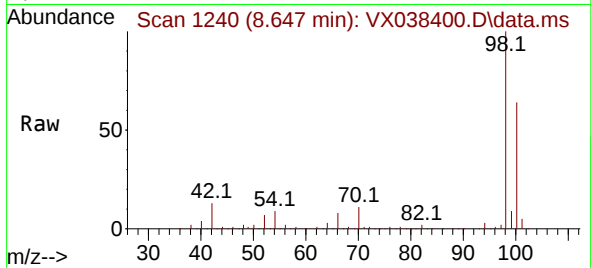




#50
Toluene-d8
Concen: 45.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

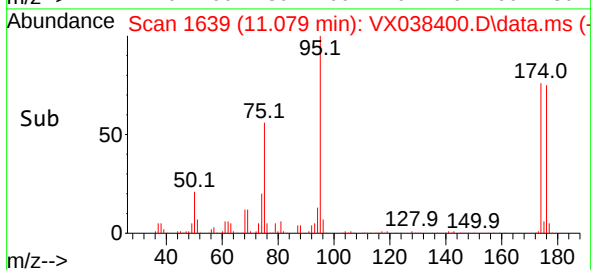
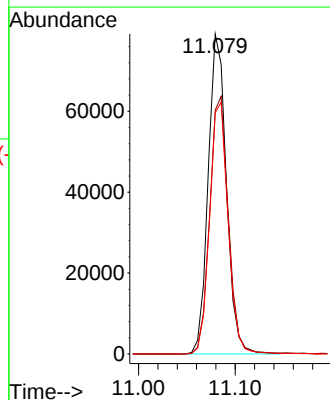
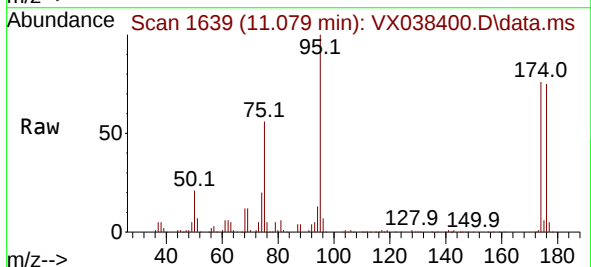
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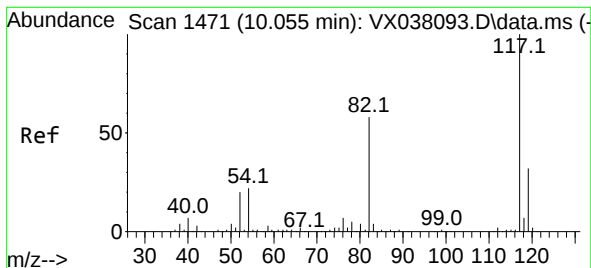
Tgt Ion: 98 Resp: 278790
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038400.D
Acq: 20 Oct 2023 14:20

Tgt Ion: 95 Resp: 103582
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 80.0 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: VX038400.D

Acq: 20 Oct 2023 14:20

Instrument :

MSVOA_X

ClientSampleId :

GW-21-23-26

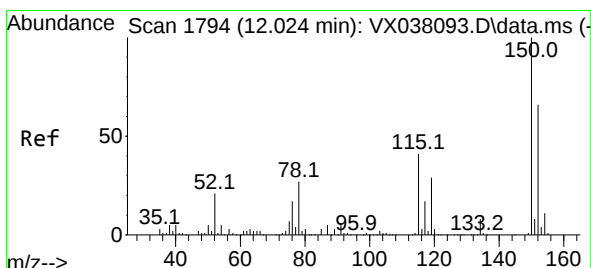
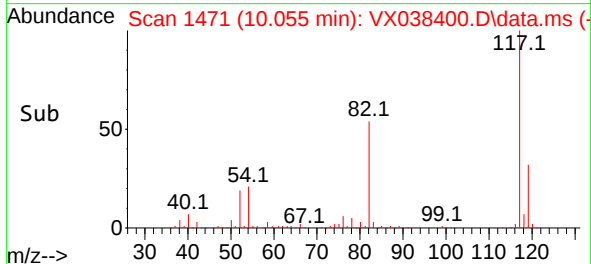
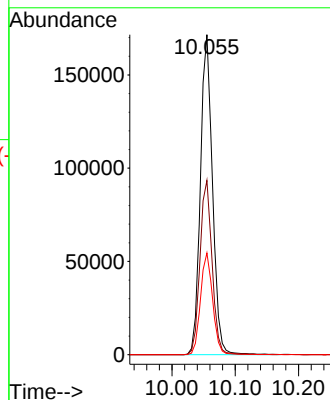
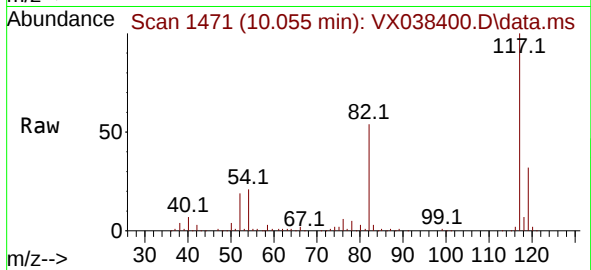
Tgt Ion:117 Resp: 228435

Ion Ratio Lower Upper

117 100

82 54.4 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# 1794

Delta R.T. 0.000 min

Lab File: VX038400.D

Acq: 20 Oct 2023 14:20

Tgt Ion:152 Resp: 115436

Ion Ratio Lower Upper

152 100

115 59.0 43.3 129.9

150 156.7 0.0 345.0

