

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034753.D
 Acq On : 27 Mar 2023 16:35
 Operator : JC/MD
 Sample : 02101-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWCB-05-85-90-032423

Quant Time: Mar 28 03:21:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

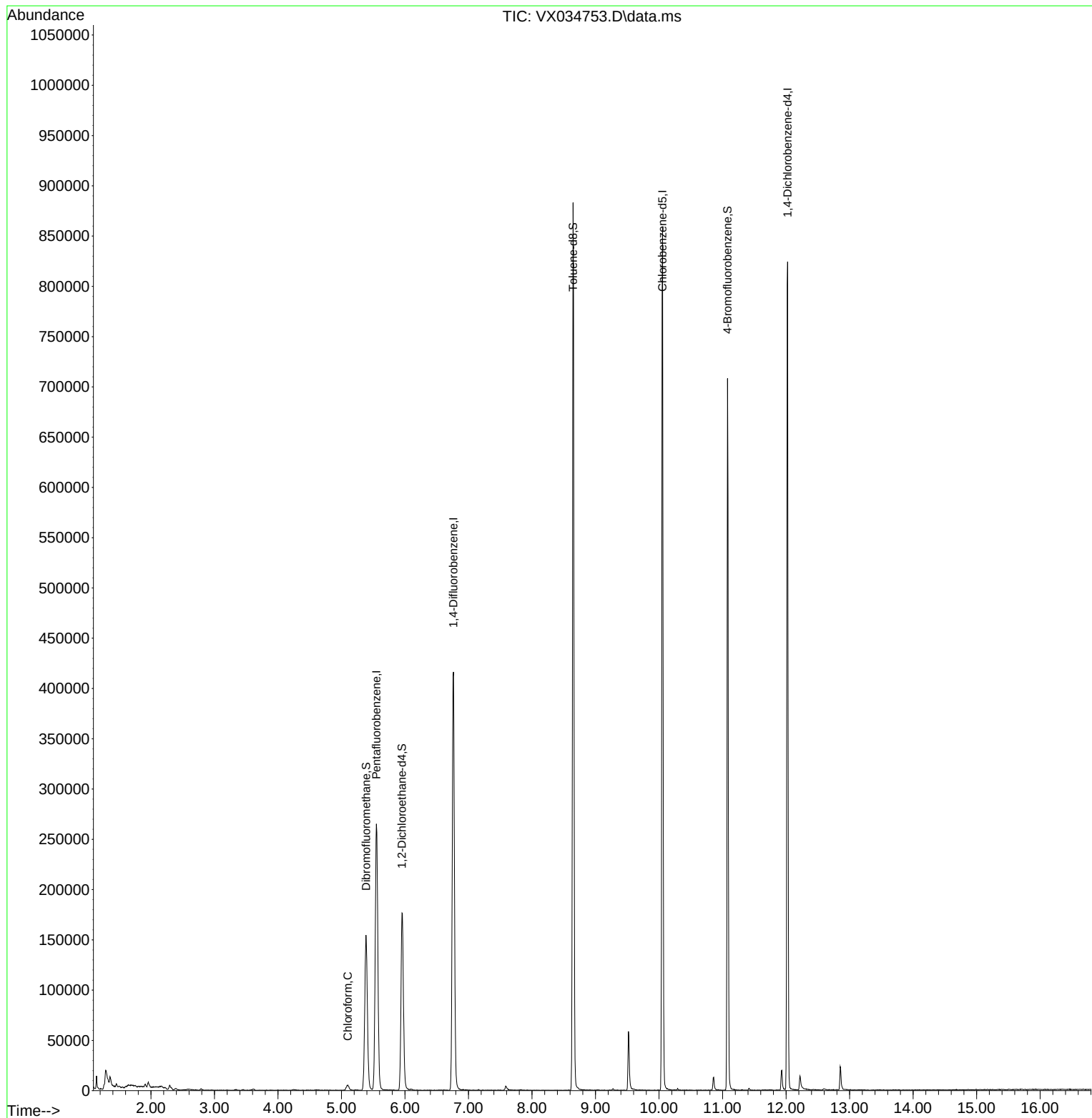
Internal Standards						
1) Pentafluorobenzene	5.550	168	252201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166838	45.472	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.940%
35) Dibromofluoromethane	5.385	113	131366	46.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	510707	48.507	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	183231	43.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.180%
Target Compounds						
30) Chloroform	5.099	83	6130	1.090	ug/l	Qvalue 99

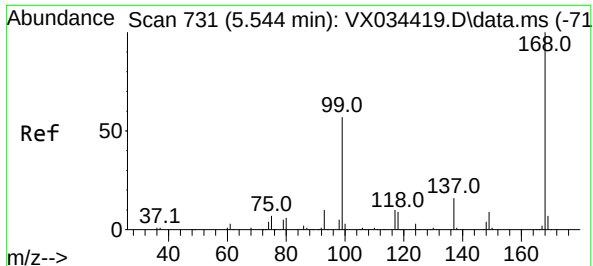
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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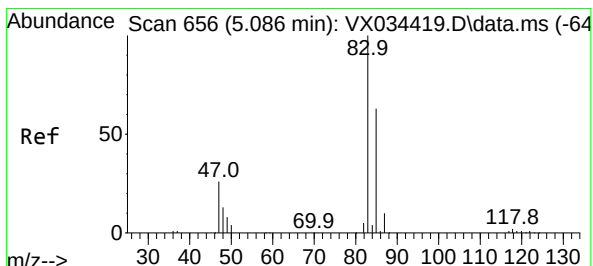
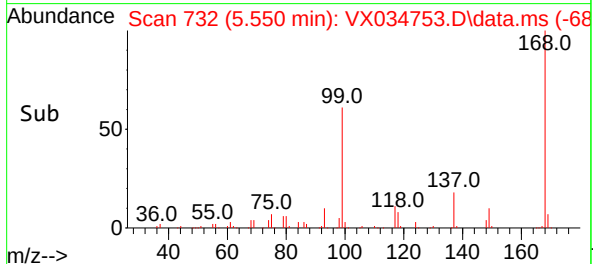
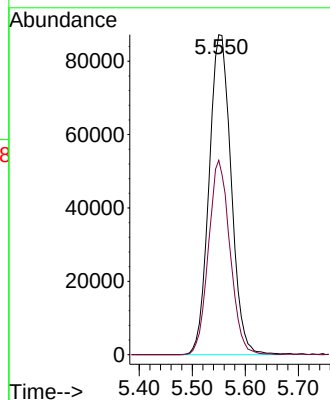
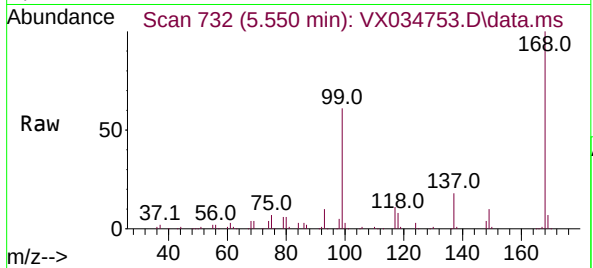




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

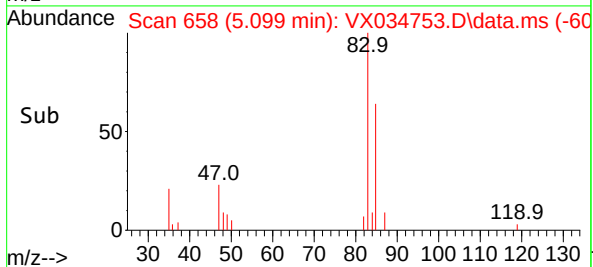
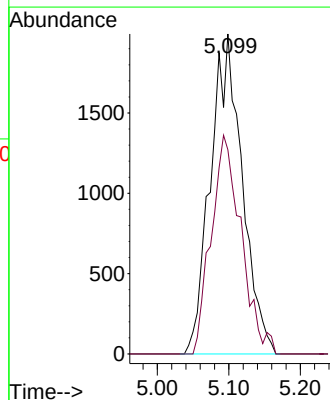
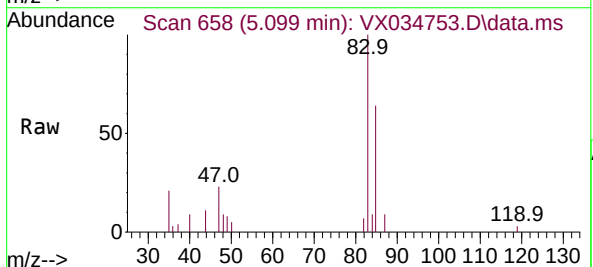
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

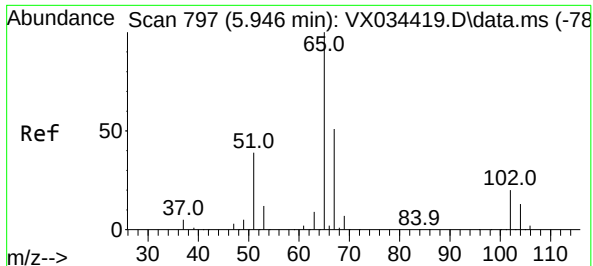
Tgt Ion:168 Resp: 252201
Ion Ratio Lower Upper
168 100
99 60.8 45.7 68.5



#30
Chloroform
Concen: 1.090 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

Tgt Ion: 83 Resp: 6130
Ion Ratio Lower Upper
83 100
85 63.8 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 45.472 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034753.D

Acq: 27 Mar 2023 16:35

Instrument :

MSVOA_X

ClientSampleId :

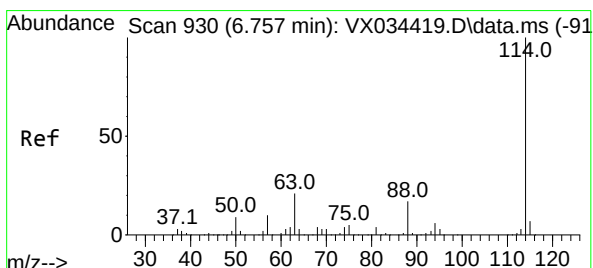
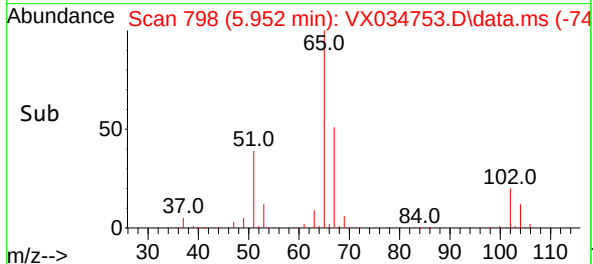
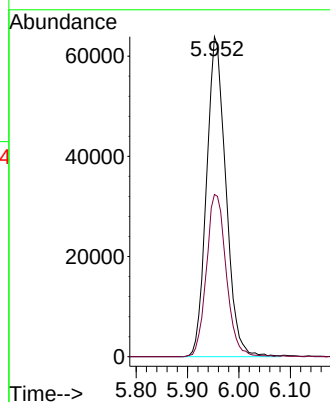
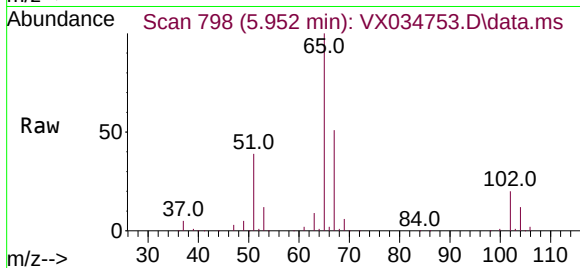
GWCB-05-85-90-032423

Tgt Ion: 65 Resp: 166838

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034753.D

Acq: 27 Mar 2023 16:35

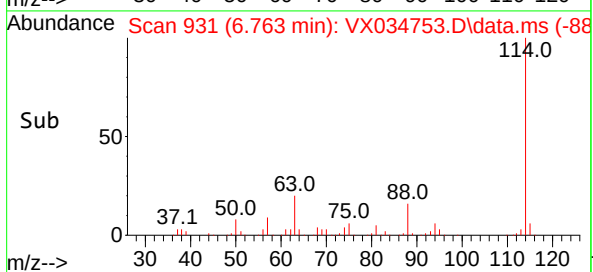
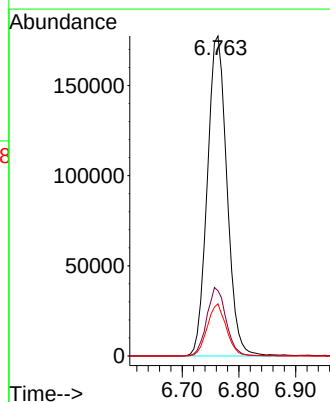
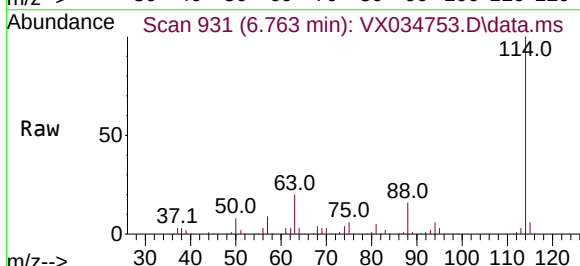
Tgt Ion: 114 Resp: 427161

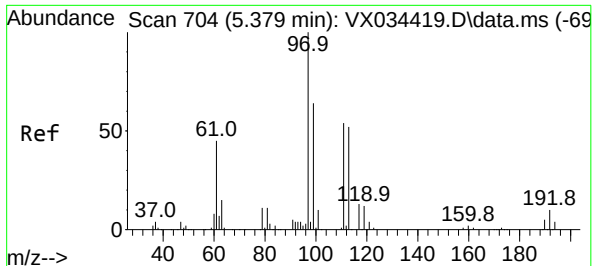
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.2

88 16.3 0.0 33.2

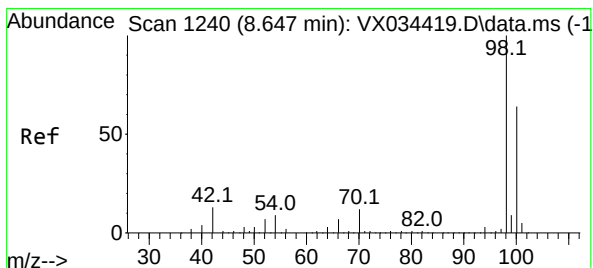
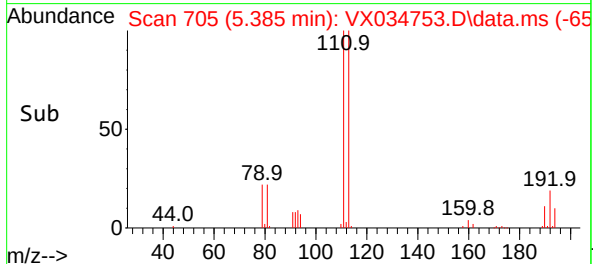
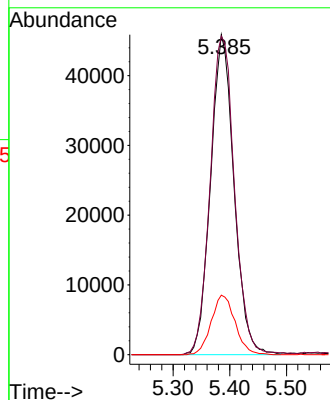
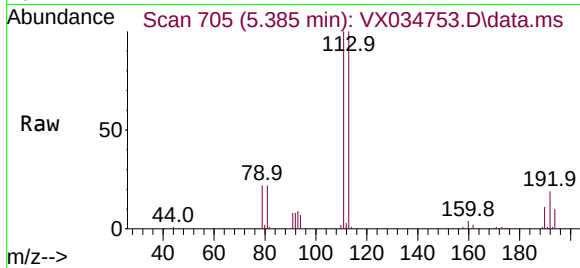




#35
 Dibromofluoromethane
 Concen: 46.578 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX034753.D
 Acq: 27 Mar 2023 16:35

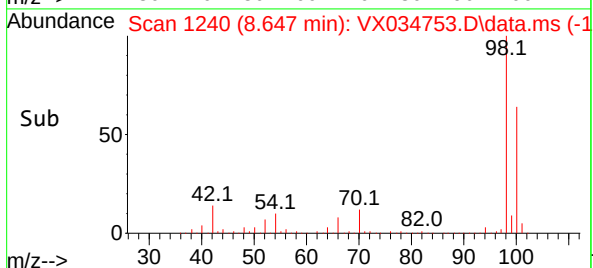
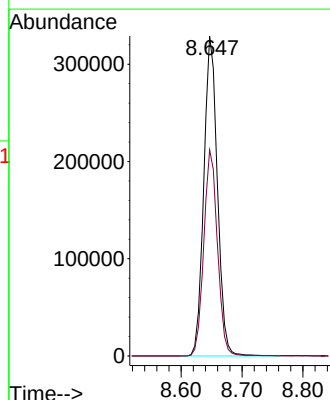
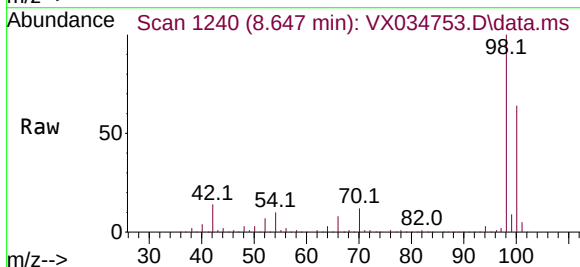
Instrument :
 MSVOA_X
 ClientSampleId :
 GWCB-05-85-90-032423

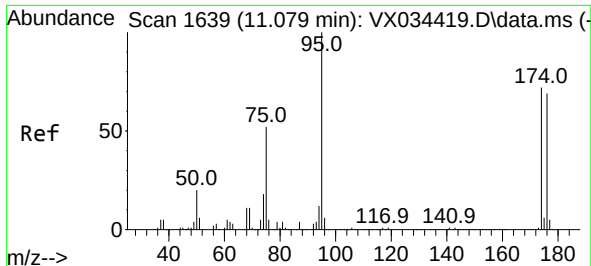
Tgt Ion:113 Resp: 131366
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.7 125.5
 192 19.0 15.4 23.2



#50
 Toluene-d8
 Concen: 48.507 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX034753.D
 Acq: 27 Mar 2023 16:35

Tgt Ion: 98 Resp: 510707
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.5 78.7

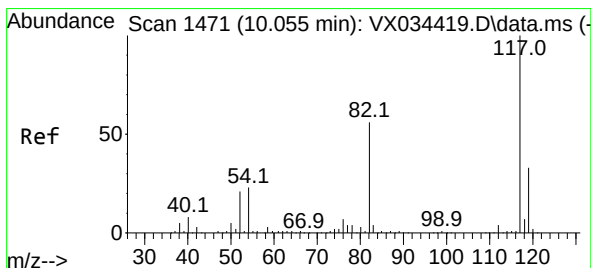
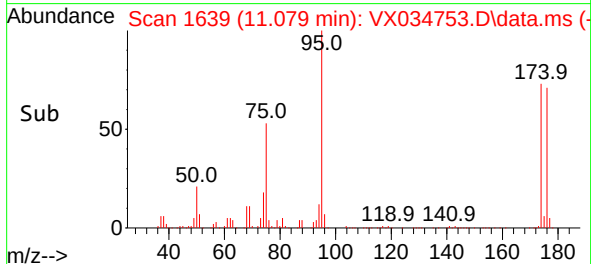
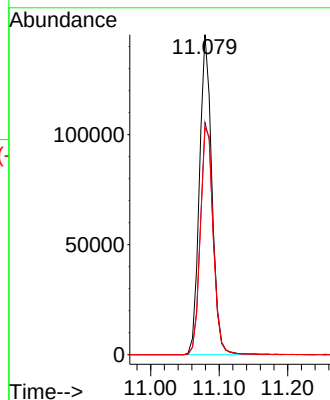
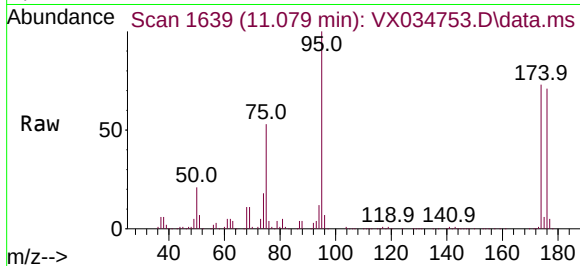




#62
4-Bromofluorobenzene
Concen: 43.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

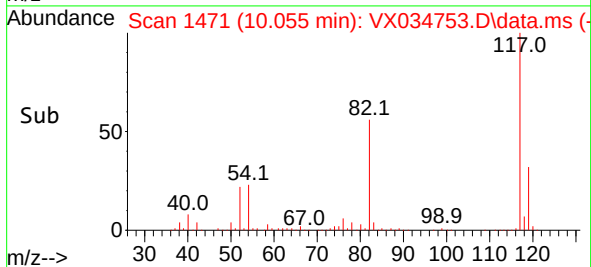
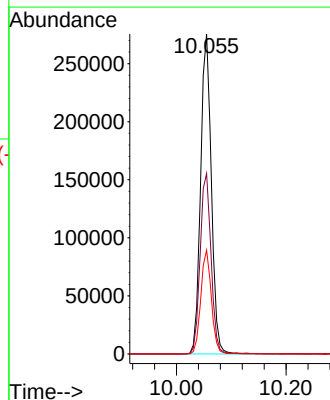
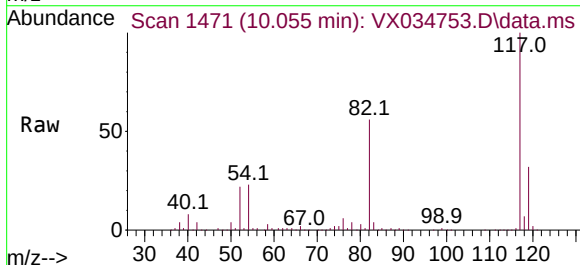
Instrument :
MSVOA_X
ClientSampleId :
GWCB-05-85-90-032423

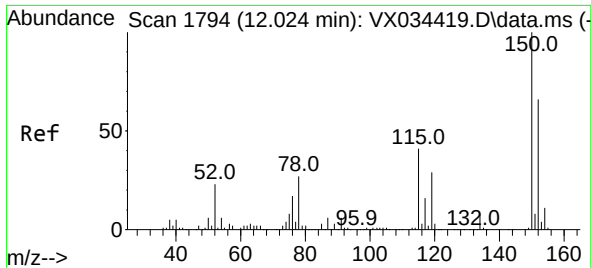
Tgt Ion: 95 Resp: 183231
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.4
176 73.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034753.D
Acq: 27 Mar 2023 16:35

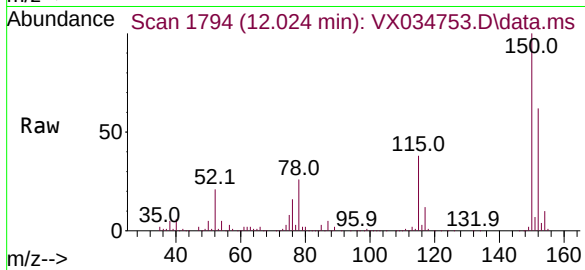
Tgt Ion: 117 Resp: 375080
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.5 26.0 39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034753.D
 Acq: 27 Mar 2023 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 GWCB-05-85-90-032423



Tgt Ion:152 Resp: 167108
 Ion Ratio Lower Upper
 152 100
 115 61.1 45.0 135.0
 150 158.8 0.0 352.4

