

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034674.D
 Acq On : 22 Mar 2023 15:59
 Operator : JC/MD
 Sample : 02039-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Mar 23 07:54:49 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)

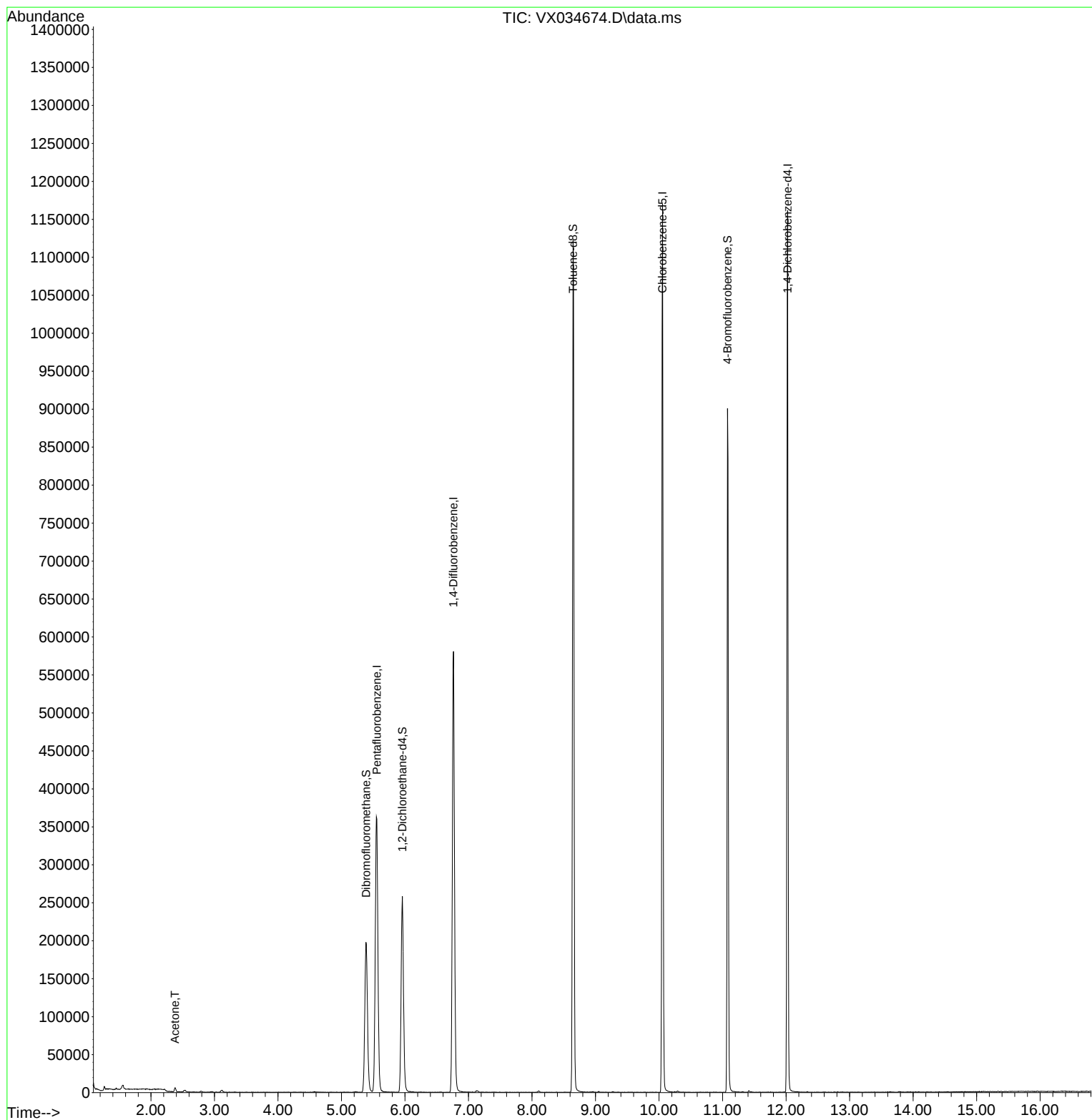
Internal Standards						
1) Pentafluorobenzene	5.556	168	331289	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	564414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	492104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252788	52.450	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.900%
35) Dibromofluoromethane	5.385	113	173596	46.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	653253	46.958	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.920%
62) 4-Bromofluorobenzene	11.079	95	250323	44.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%
Target Compounds						
16) Acetone	2.379	43	6080	2.678	ug/l	Qvalue 89

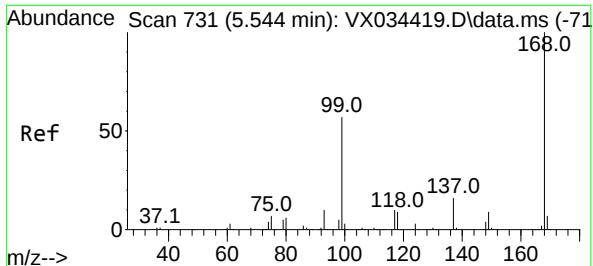
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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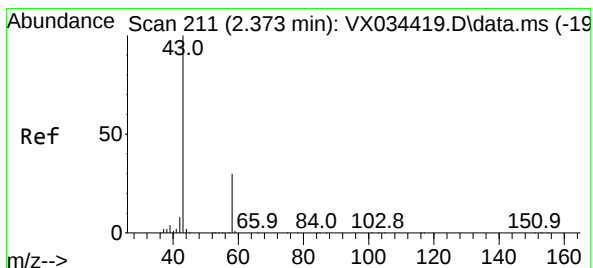
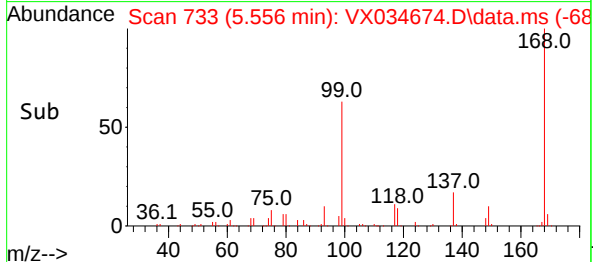
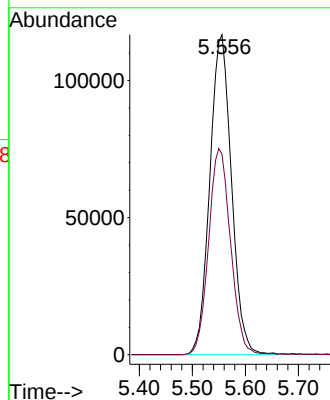
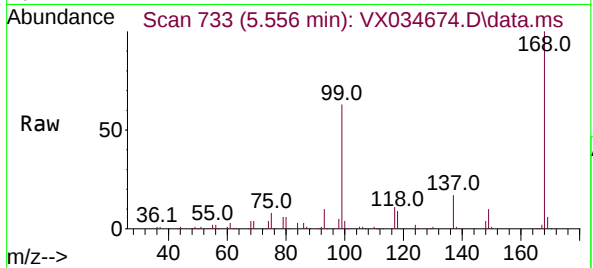




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

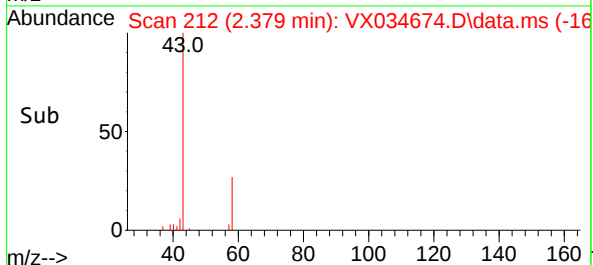
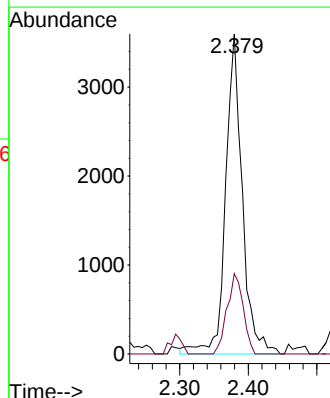
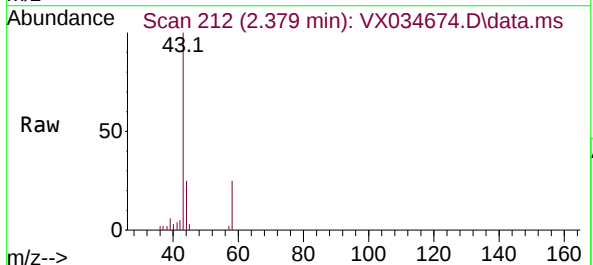
Instrument :
MSVOA_X
ClientSampleId :
MW-1

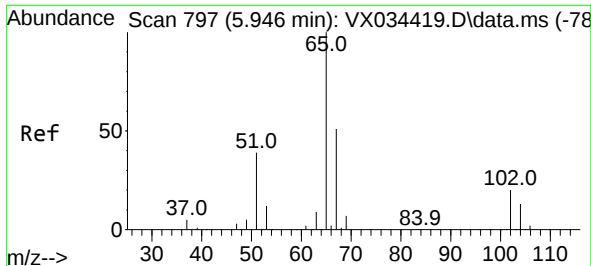
Tgt Ion:168 Resp: 331289
Ion Ratio Lower Upper
168 100
99 62.7 45.7 68.5



#16
Acetone
Concen: 2.678 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 43 Resp: 6080
Ion Ratio Lower Upper
43 100
58 25.1 24.7 37.1





#33

1,2-Dichloroethane-d4

Concen: 52.450 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034674.D

Acq: 22 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

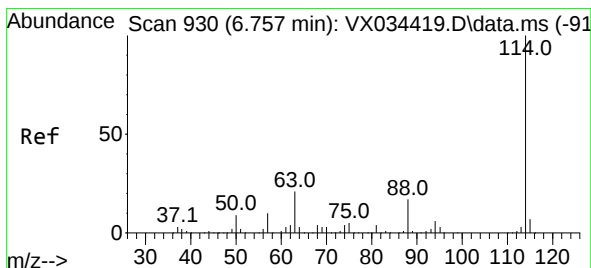
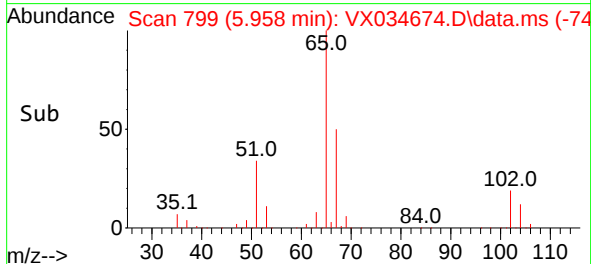
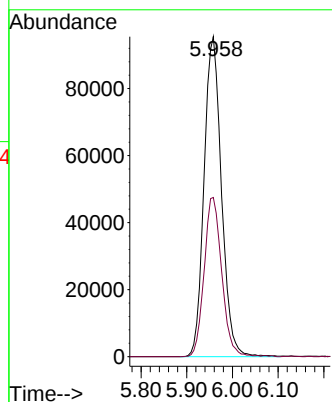
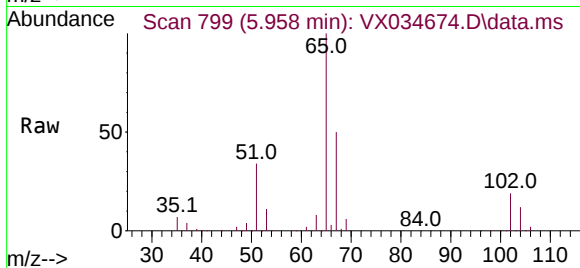
MW-1

Tgt Ion: 65 Resp: 252788

Ion Ratio Lower Upper

65 100

67 50.1 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: VX034674.D

Acq: 22 Mar 2023 15:59

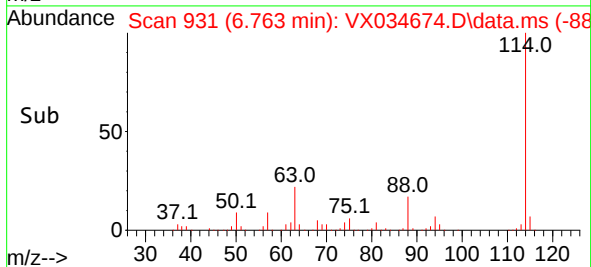
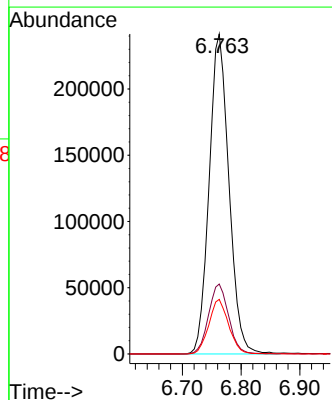
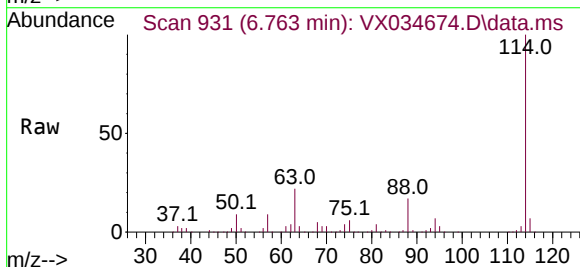
Tgt Ion: 114 Resp: 564414

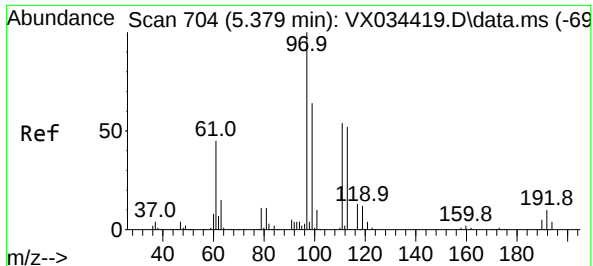
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 17.1 0.0 33.2

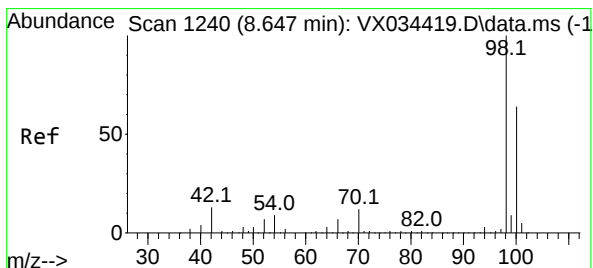
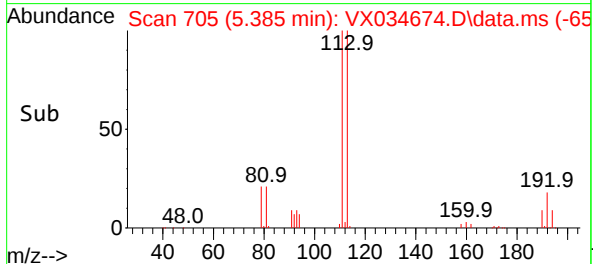
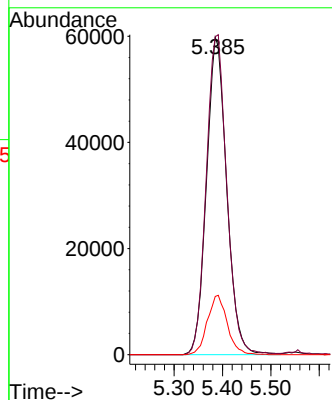
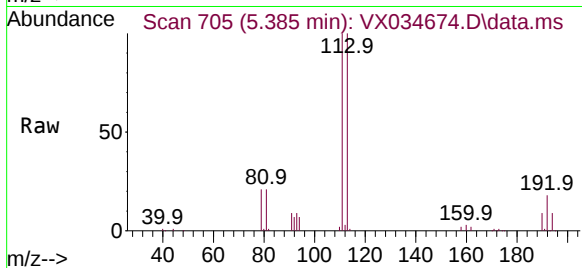




#35
Dibromofluoromethane
Concen: 46.584 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

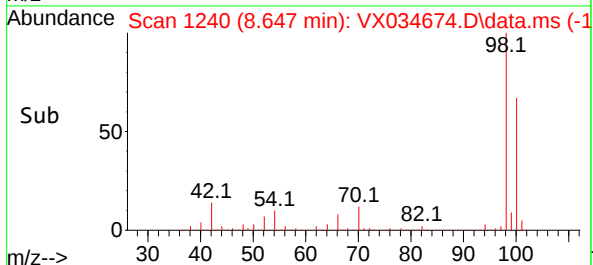
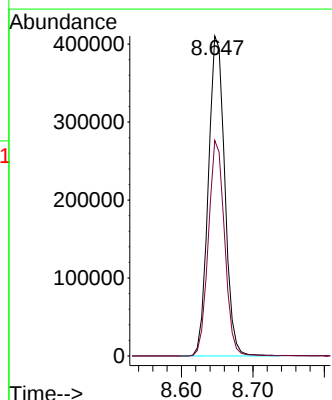
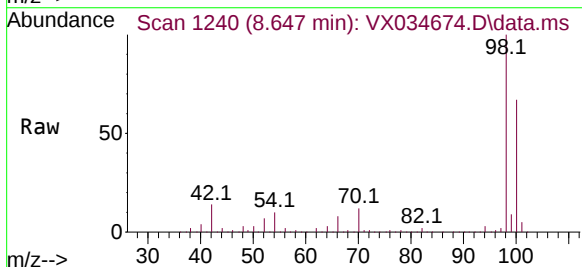
Instrument :
MSVOA_X
ClientSampleId :
MW-1

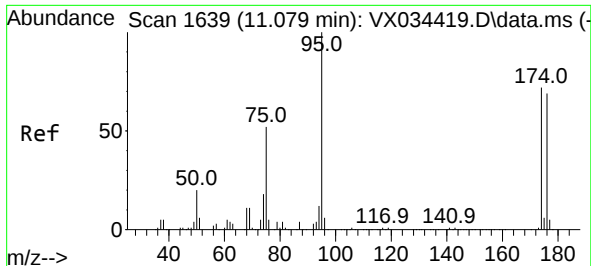
Tgt Ion:113 Resp: 173596
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.4 15.4 23.2



#50
Toluene-d8
Concen: 46.958 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 98 Resp: 653253
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

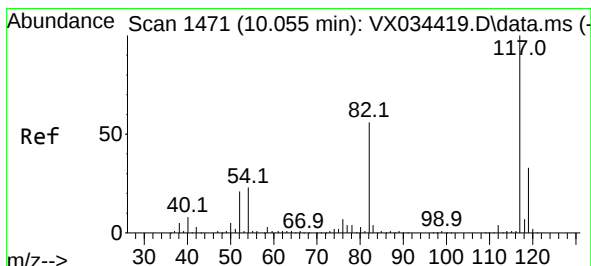
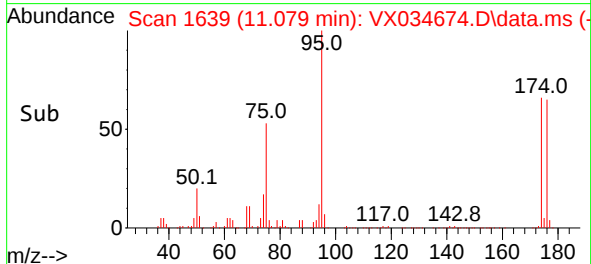
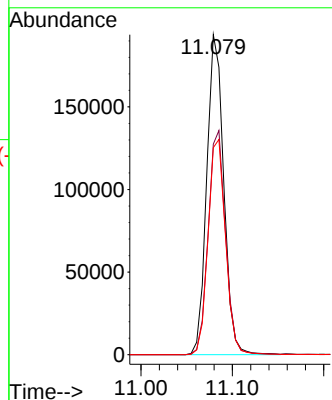
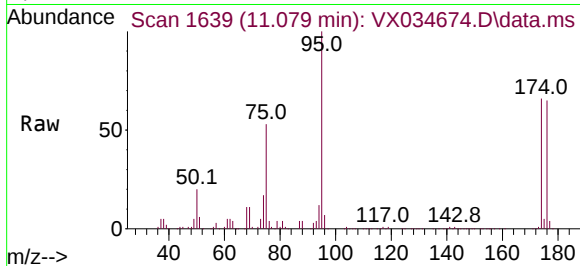




#62
4-Bromofluorobenzene
Concen: 44.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

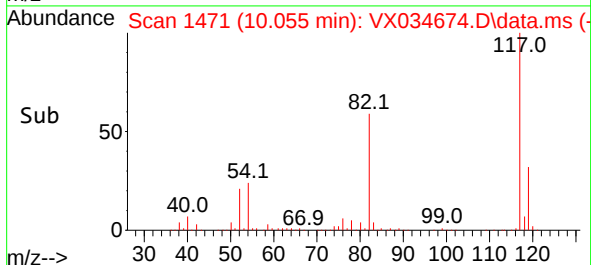
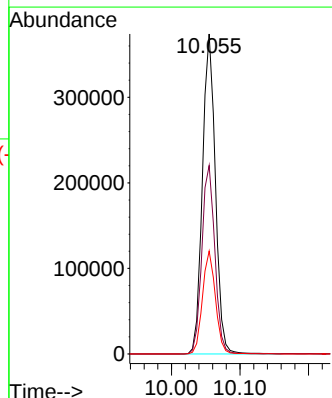
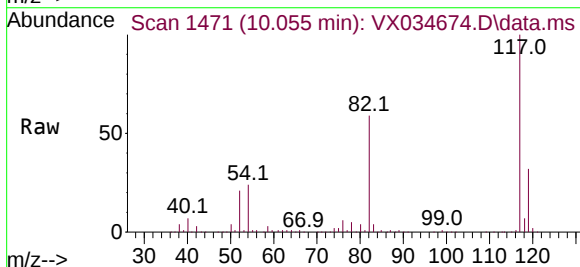
Instrument :
MSVOA_X
ClientSampleId :
MW-1

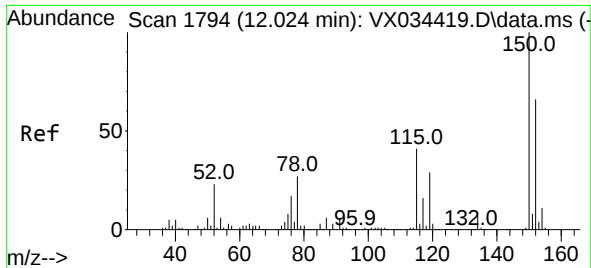
Tgt Ion: 95 Resp: 250323
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034674.D
Acq: 22 Mar 2023 15:59

Tgt Ion: 117 Resp: 492104
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.2 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: VX034674.D

Acq: 22 Mar 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

MW-1

Tgt Ion:152 Resp: 228168

Ion Ratio Lower Upper

152 100

115 63.7 45.0 135.0

150 158.2 0.0 352.4

