

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036897.D
 Acq On : 09 Aug 2023 19:09
 Operator : JC/MD
 Sample : 03957-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16-0809

Quant Time: Aug 10 01:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89074	46.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.840%
35) Dibromofluoromethane	5.385	113	74660	46.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	280879	49.155	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	104911	48.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%

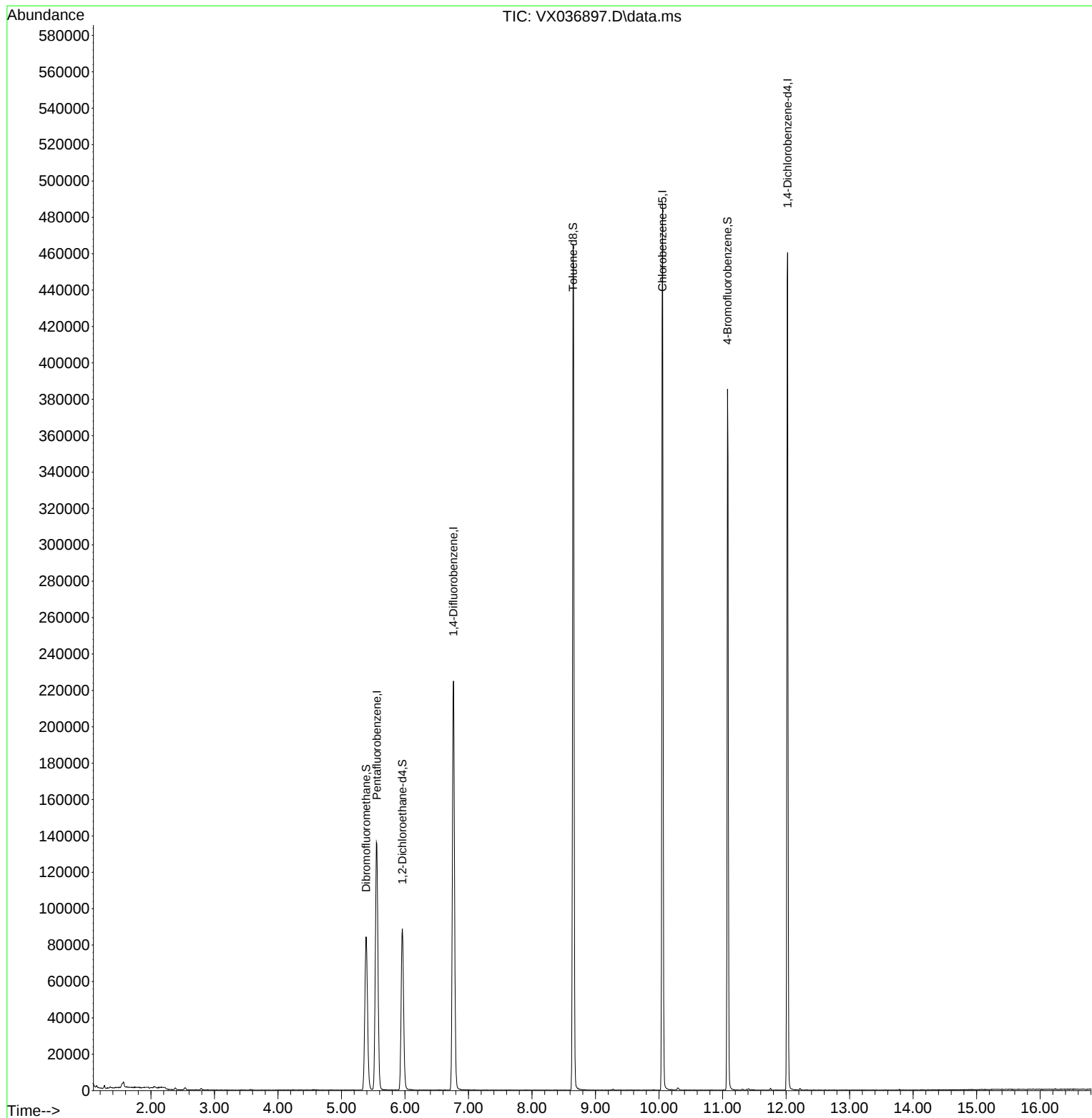
Target Compounds	Qvalue

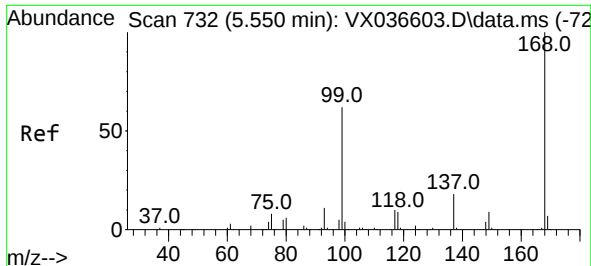
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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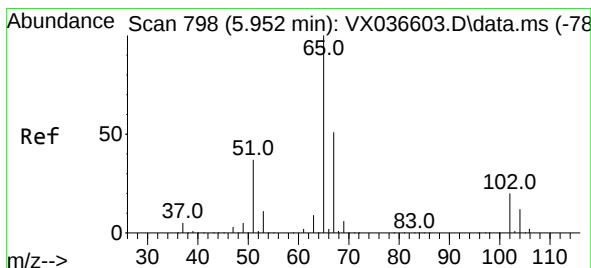
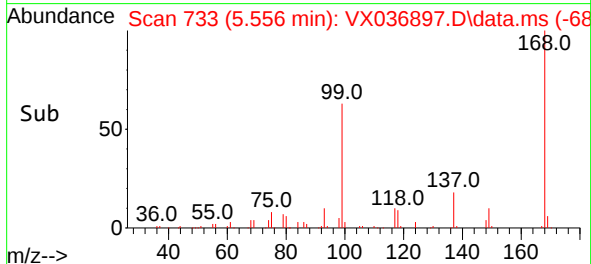
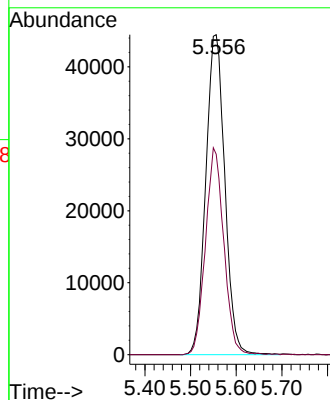
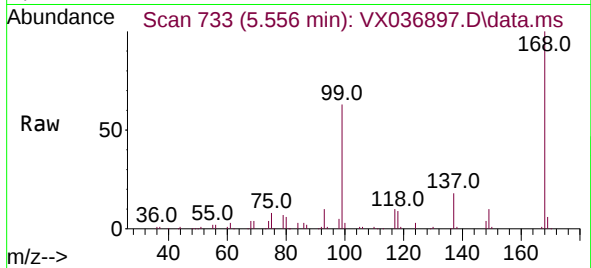




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

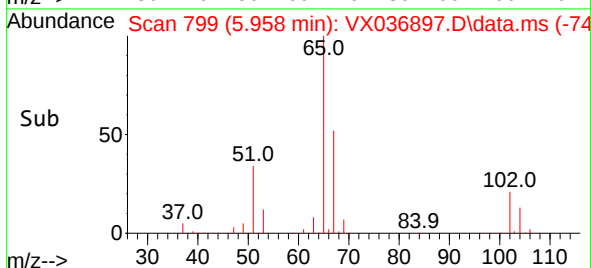
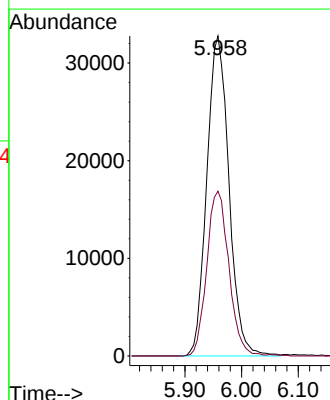
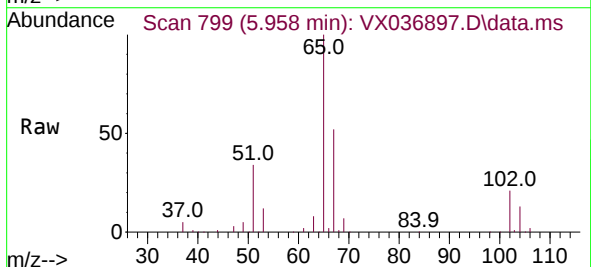
Instrument :
MSVOA_X
ClientSampleId :
MW-16-0809

Tgt Ion:168 Resp: 128298
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.922 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion: 65 Resp: 89074
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

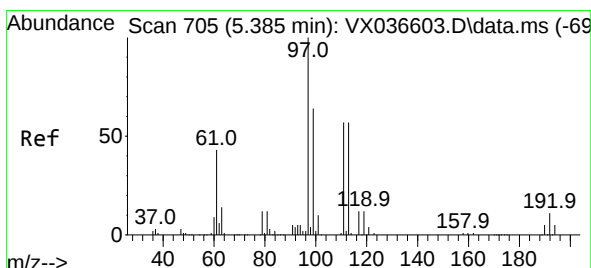
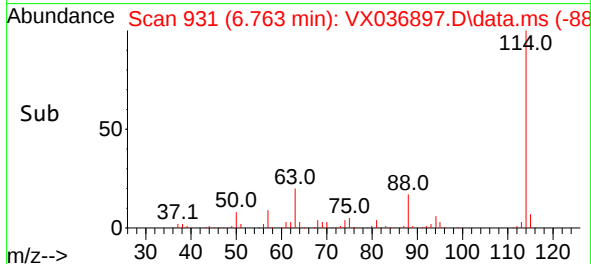
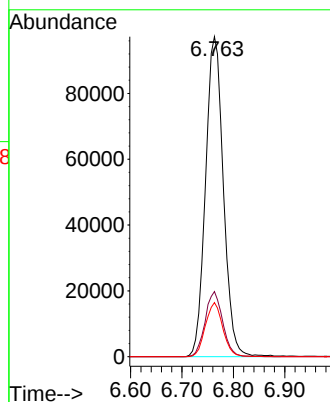
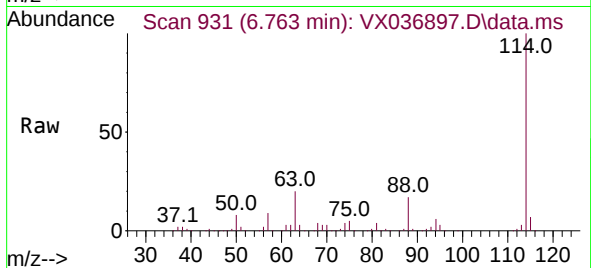




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

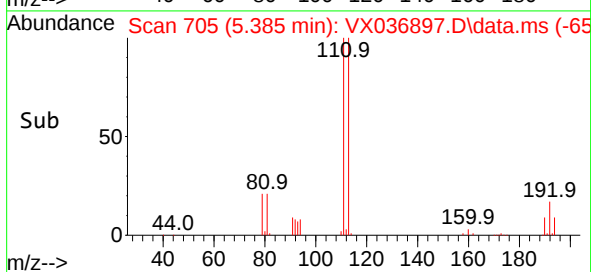
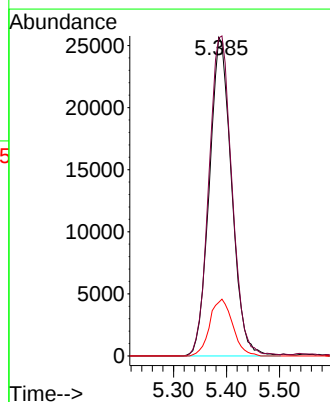
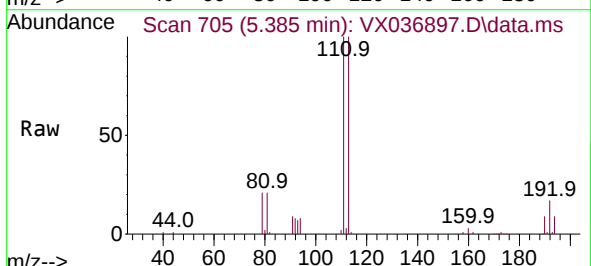
Instrument :
MSVOA_X
ClientSampleId :
MW-16-0809

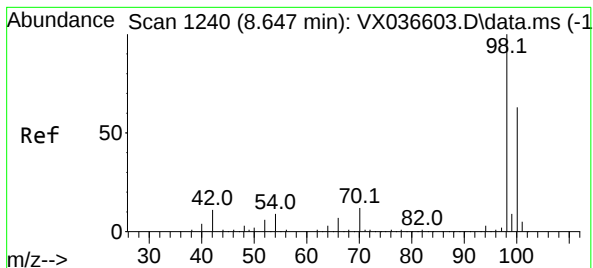
Tgt Ion:114 Resp: 234431
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.334 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion:113 Resp: 74660
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.4 13.3 19.9





#50

Toluene-d8

Concen: 49.155 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

Instrument :

MSVOA_X

ClientSampleId :

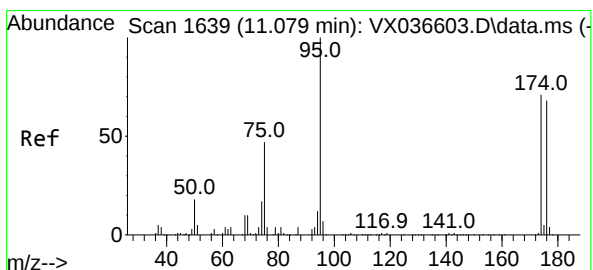
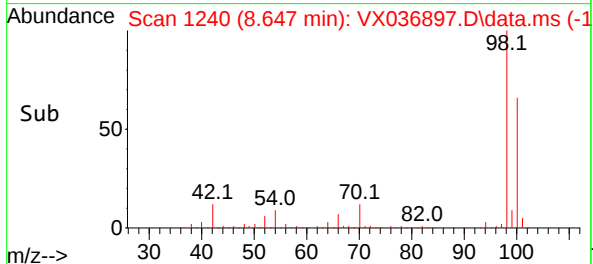
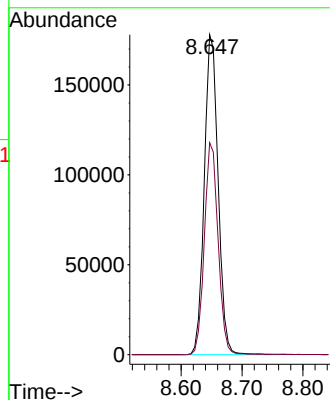
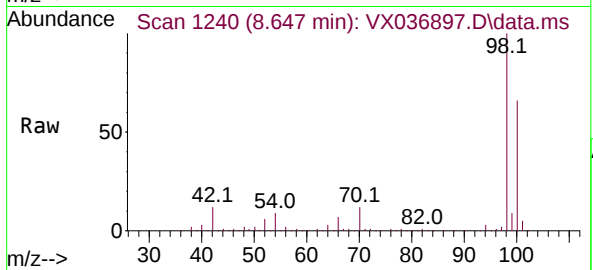
MW-16-0809

Tgt Ion: 98 Resp: 280879

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.663 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036897.D

Acq: 09 Aug 2023 19:09

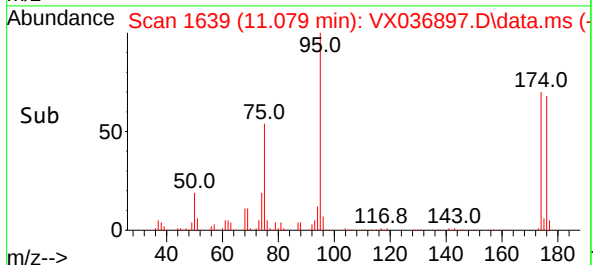
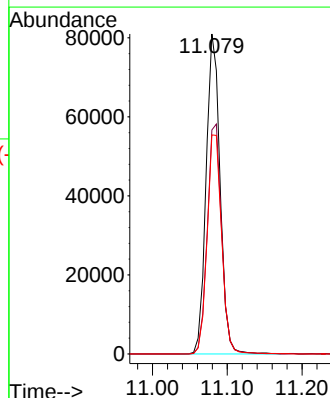
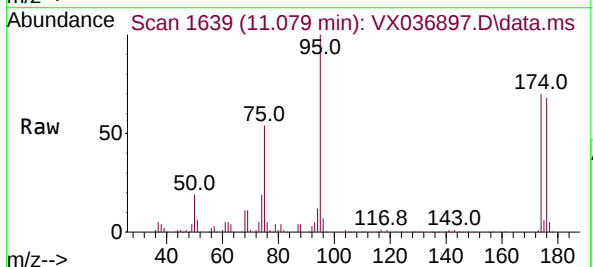
Tgt Ion: 95 Resp: 104911

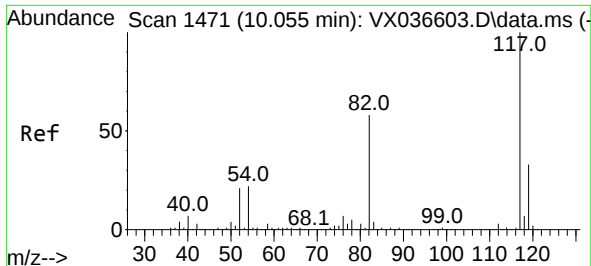
Ion Ratio Lower Upper

95 100

174 73.5 0.0 135.6

176 71.2 0.0 131.0

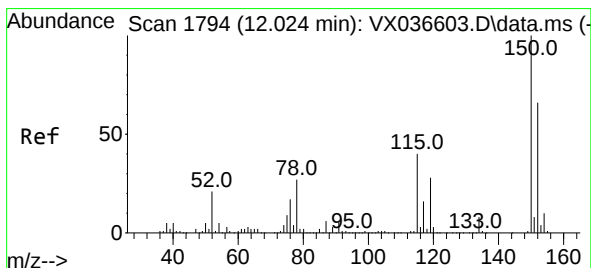
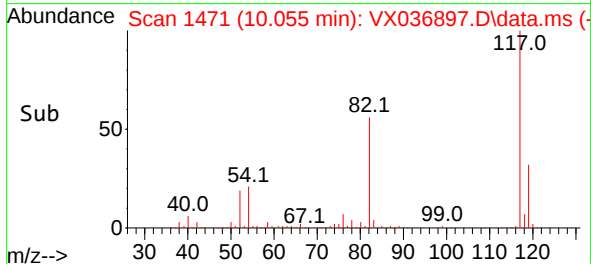
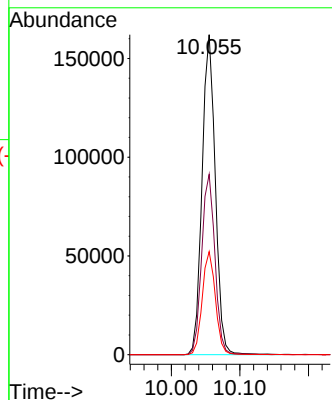
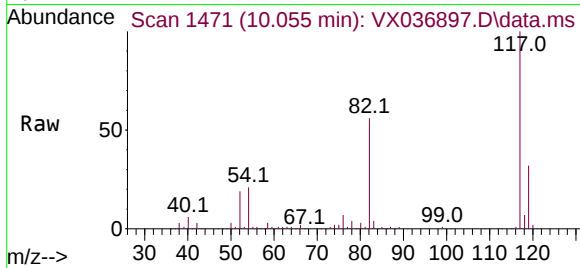




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036897.D
Acq: 09 Aug 2023 19:09

Instrument :
MSVOA_X
ClientSampleId :
MW-16-0809

Tgt Ion:117 Resp: 218289
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 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: VX036897.D
Acq: 09 Aug 2023 19:09

Tgt Ion:152 Resp: 94581
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 159.1 0.0 345.0

