

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033023\
 Data File : VX034859.D
 Acq On : 30 Mar 2023 17:47
 Operator : JC/MD
 Sample : 02096-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Mar 31 01:35:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	236231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	408297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169283	46.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.720%
35) Dibromofluoromethane	5.385	113	127208	47.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.200%
50) Toluene-d8	8.647	98	488665	49.024	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	171617	44.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.980%

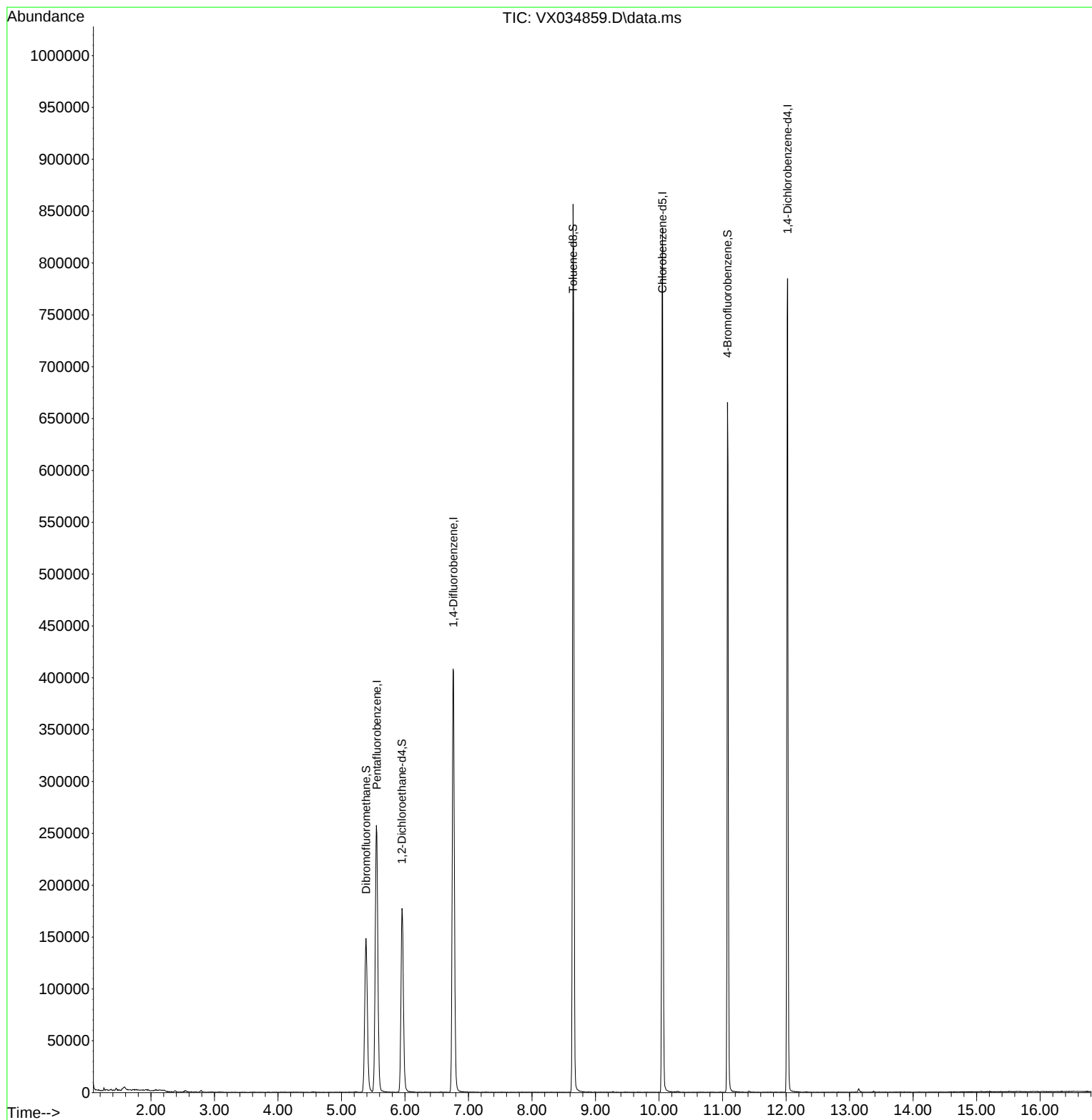
Target Compounds	Qvalue

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

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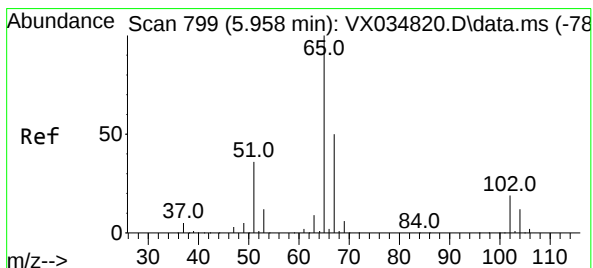
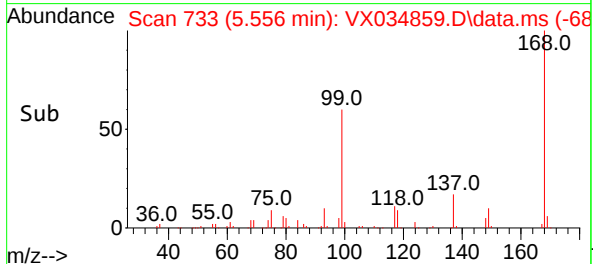
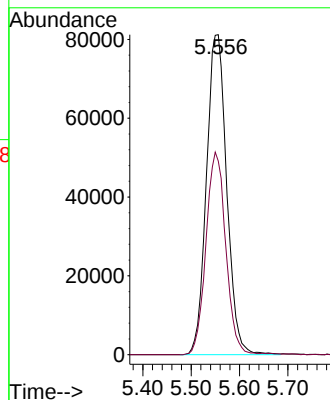
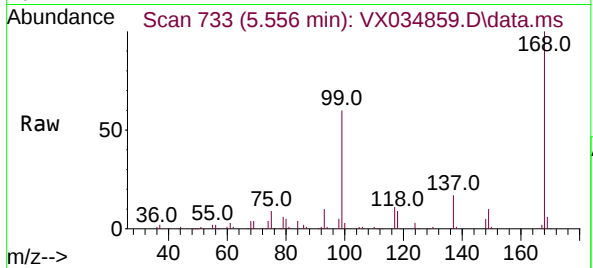




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

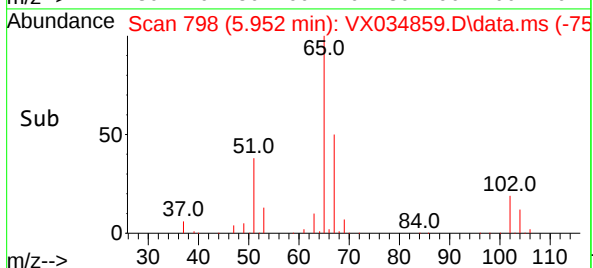
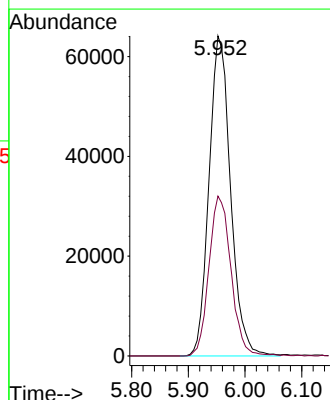
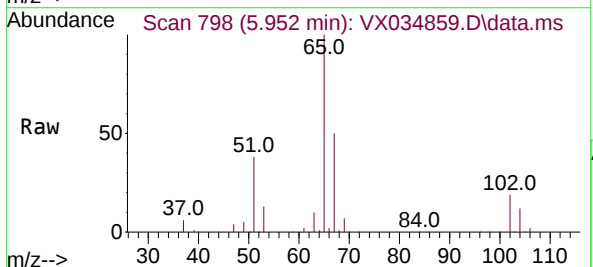
Instrument :
MSVOA_X
ClientSampleId :
MW-4

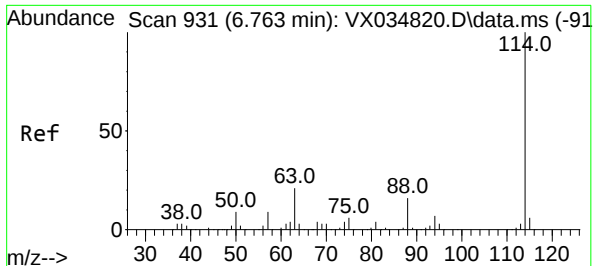
Tgt Ion:168 Resp: 236231
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 46.856 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

Tgt Ion: 65 Resp: 169283
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

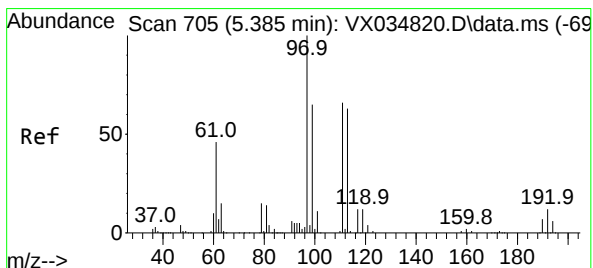
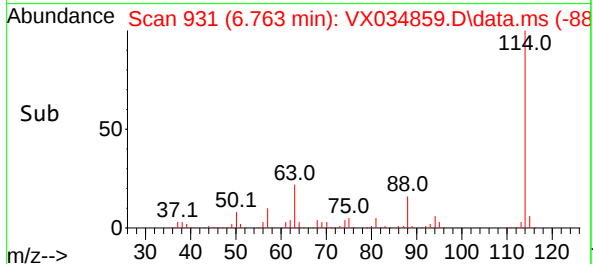
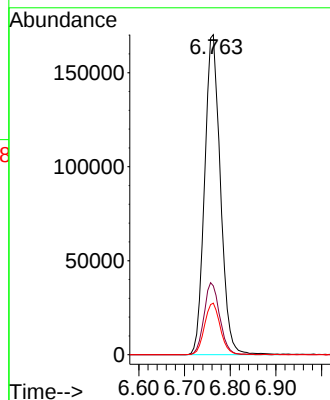
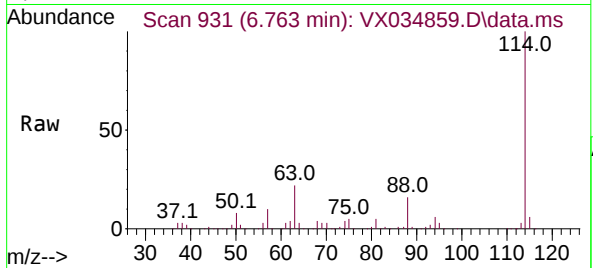




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

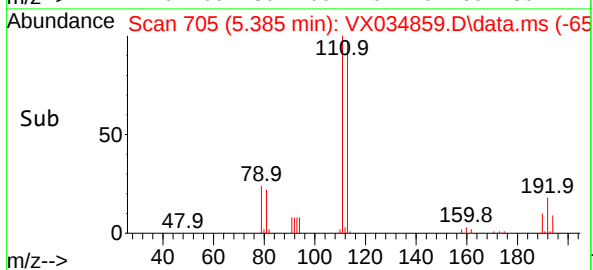
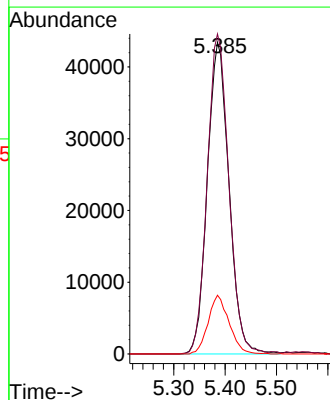
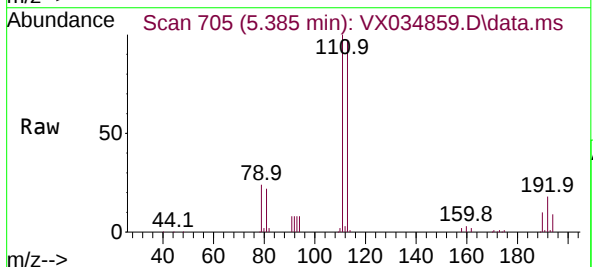
Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:114 Resp: 408297
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.104 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

Tgt Ion:113 Resp: 127208
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.2 15.4 23.2

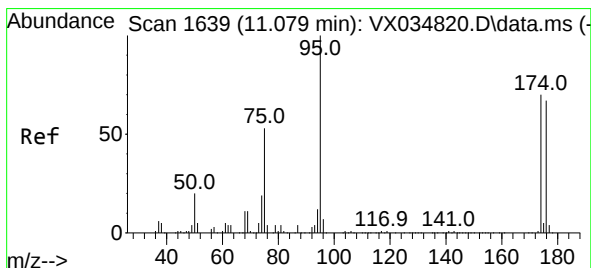
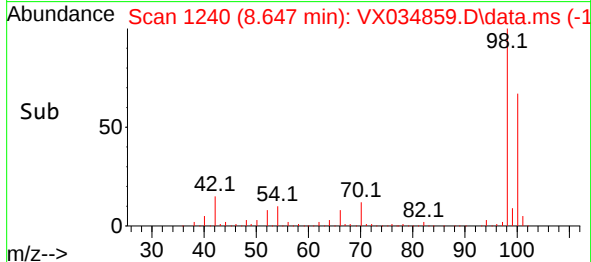
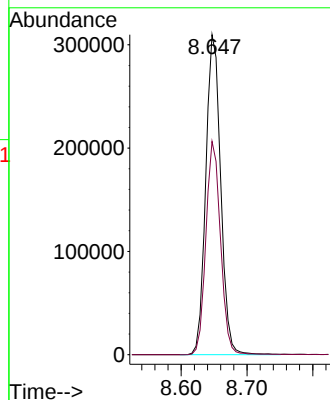
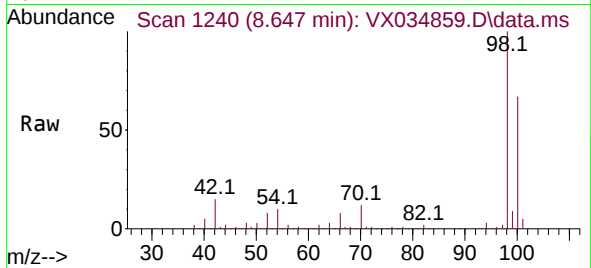




#50
Toluene-d8
Concen: 49.024 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

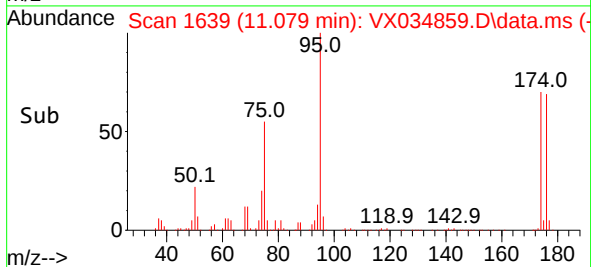
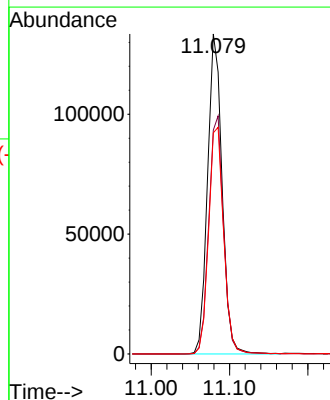
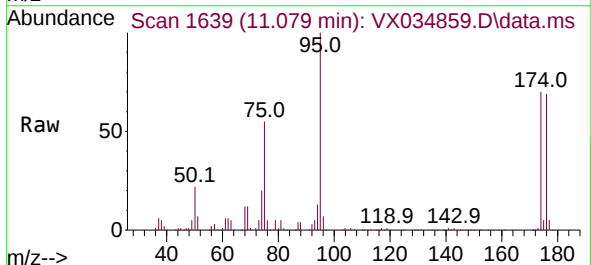
Instrument :
MSVOA_X
ClientSampleId :
MW-4

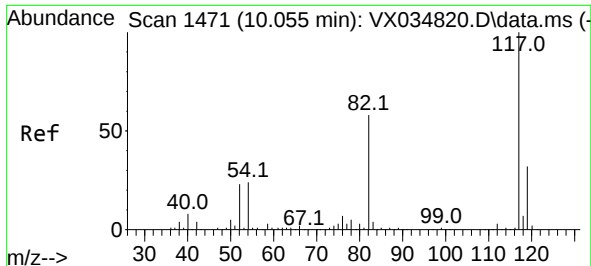
Tgt Ion: 98 Resp: 488665
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

Tgt Ion: 95 Resp: 171617
Ion Ratio Lower Upper
95 100
174 75.6 0.0 147.4
176 73.4 0.0 140.6

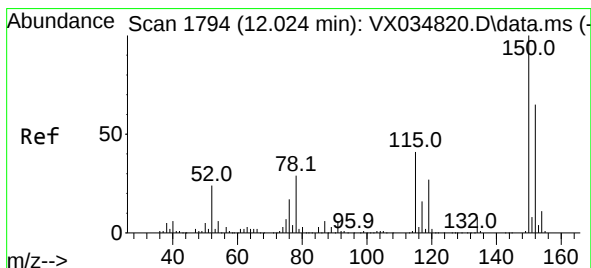
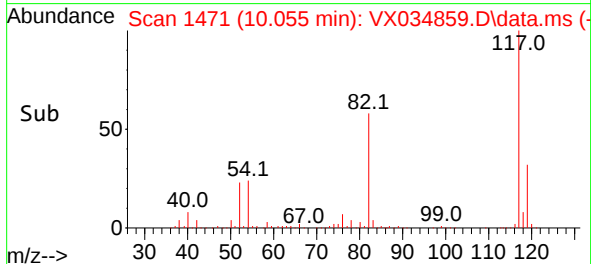
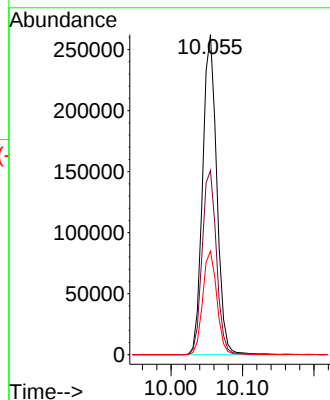
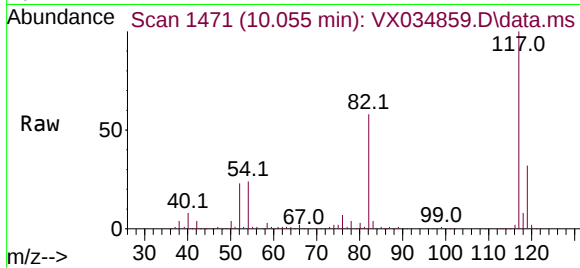




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 360533
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034859.D
Acq: 30 Mar 2023 17:47

Tgt Ion:152 Resp: 160774
Ion Ratio Lower Upper
152 100
115 60.8 45.0 135.0
150 155.0 0.0 352.4

