

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039630.D
 Acq On : 04 Jan 2024 18:57
 Operator : JC/MD
 Sample : P1038-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 05 00:46:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	84439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71806	46.420	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	58242	46.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.340%
50) Toluene-d8	8.647	98	228881	49.406	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.079	95	107914	56.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.920%

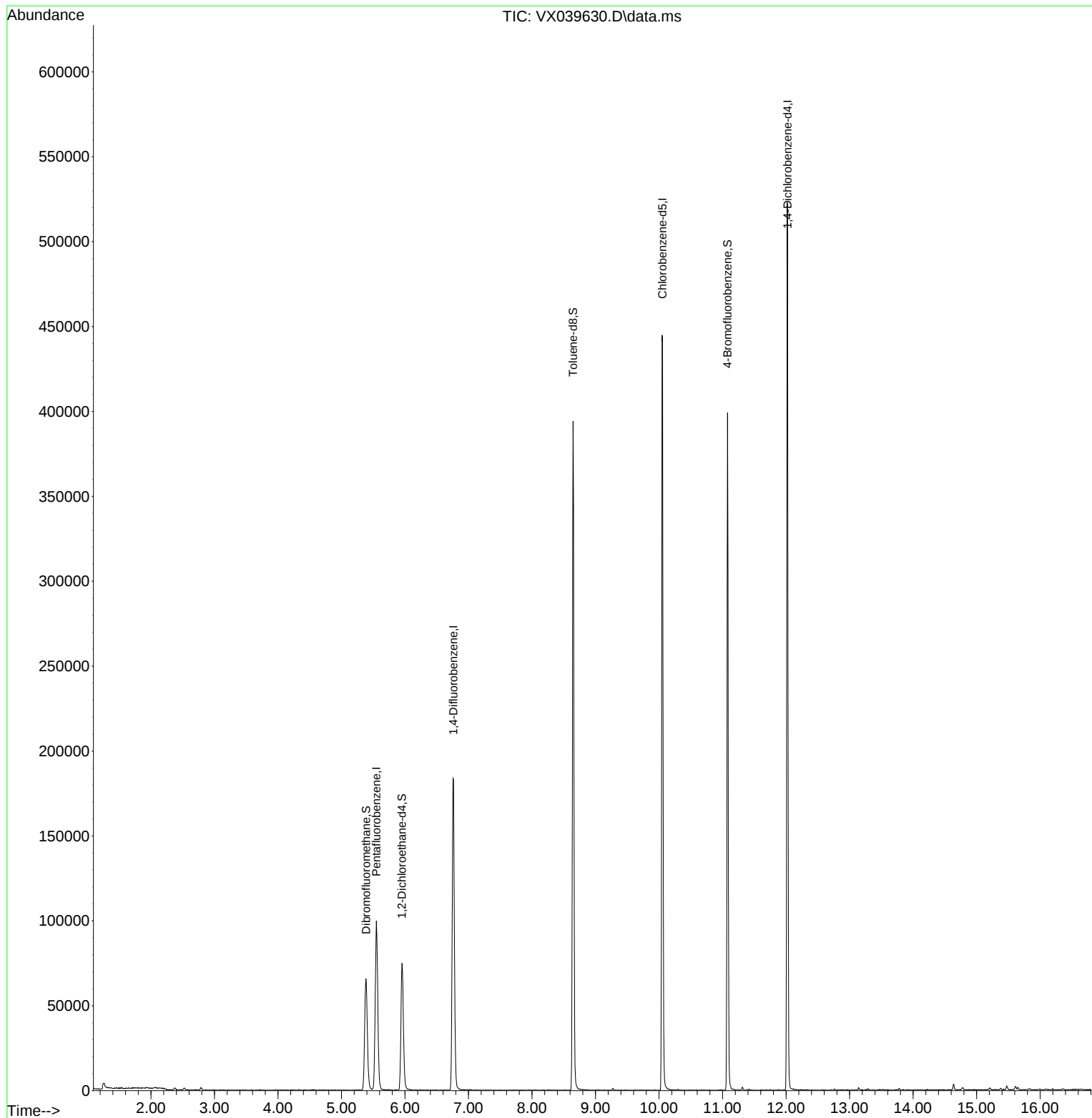
Target Compounds	Qvalue

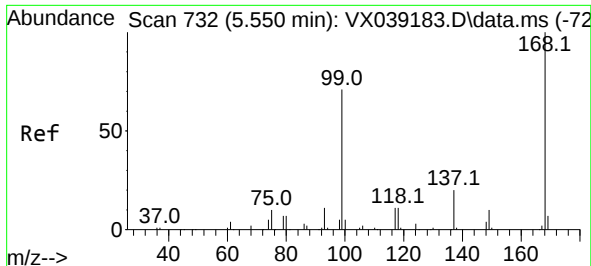
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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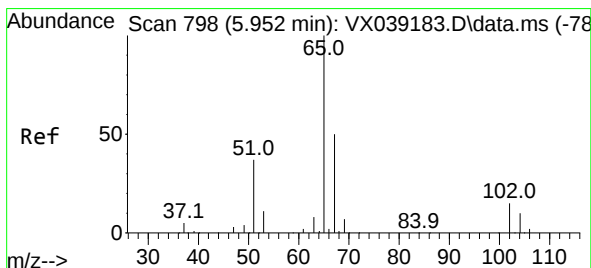
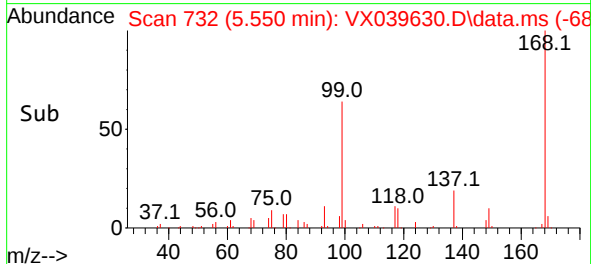
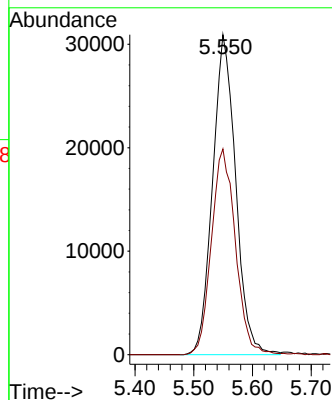
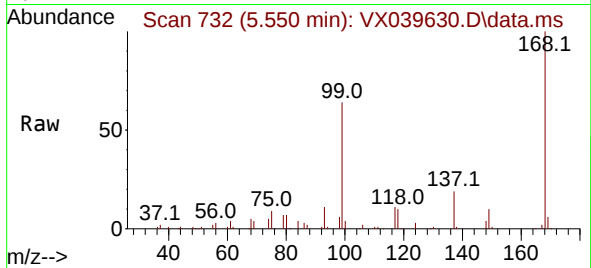




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

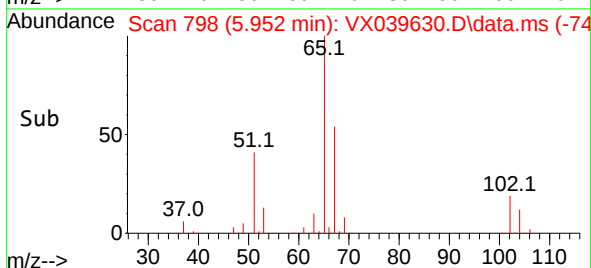
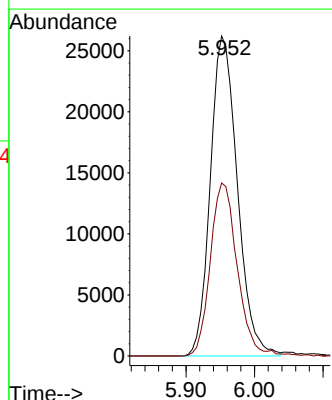
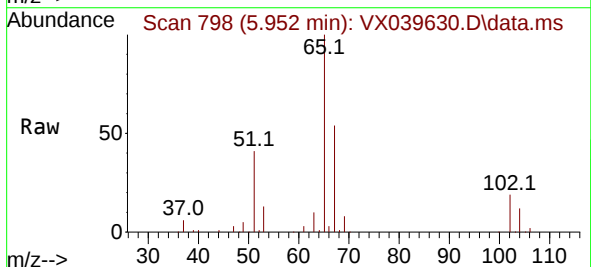
Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:168 Resp: 84439
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.420 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

Tgt Ion: 65 Resp: 71806
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

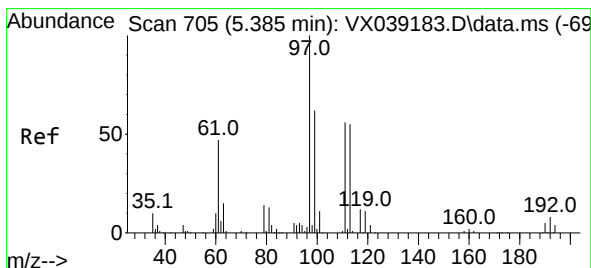
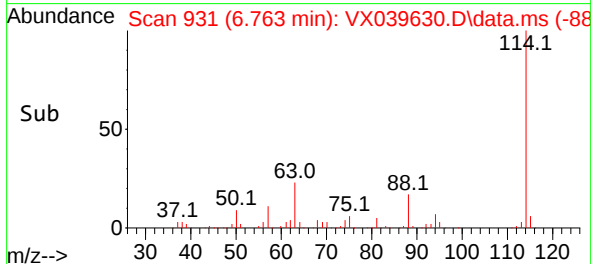
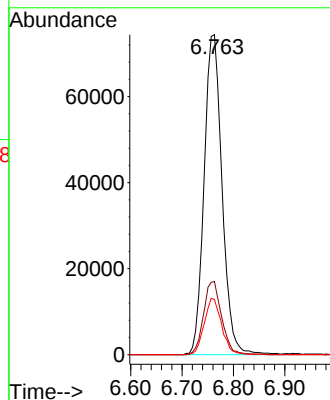
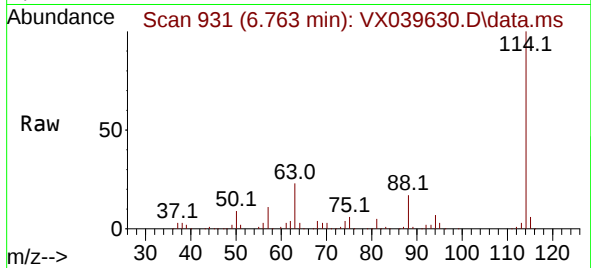




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

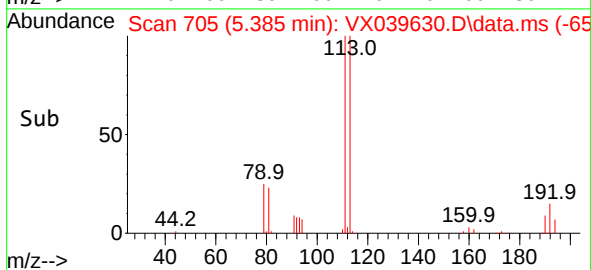
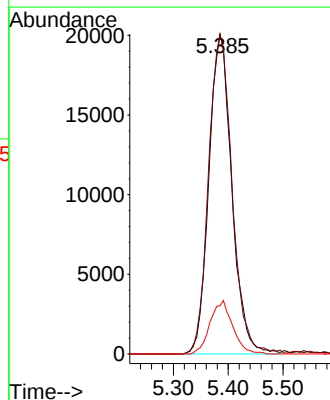
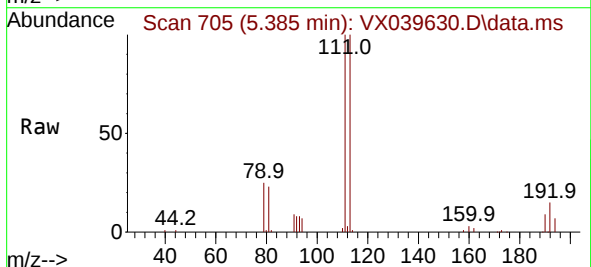
Instrument :
MSVOA_X
ClientSampleId :
TB

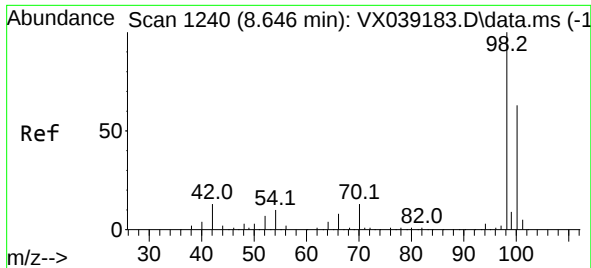
Tgt Ion:114 Resp: 180624
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.674 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

Tgt Ion:113 Resp: 58242
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.5 13.3 19.9

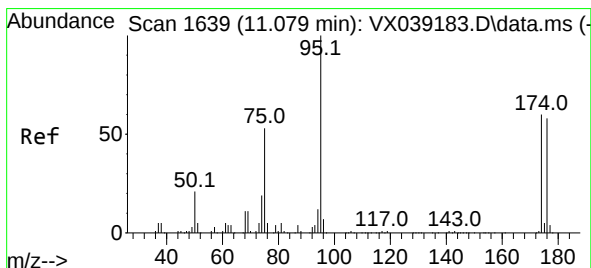
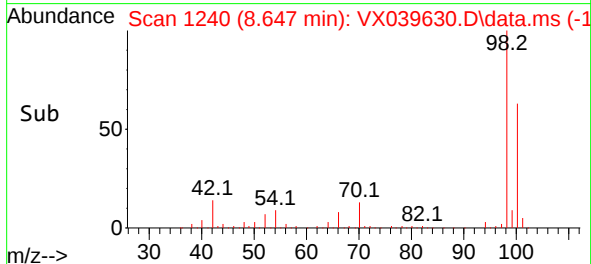
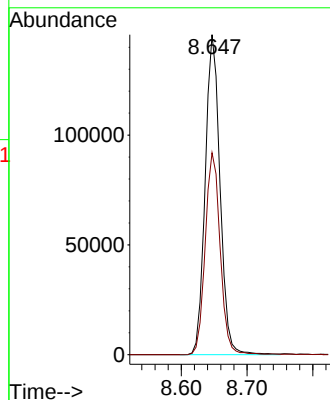
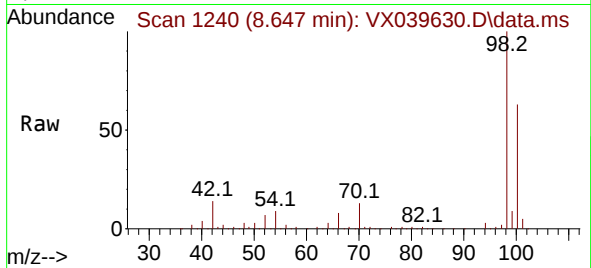




#50
Toluene-d8
Concen: 49.406 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

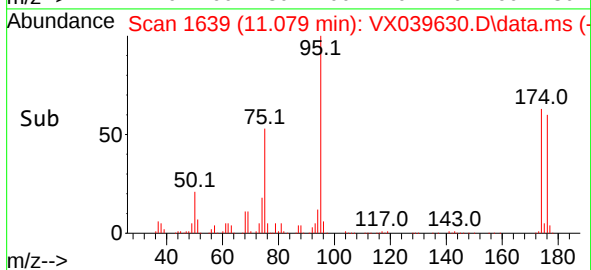
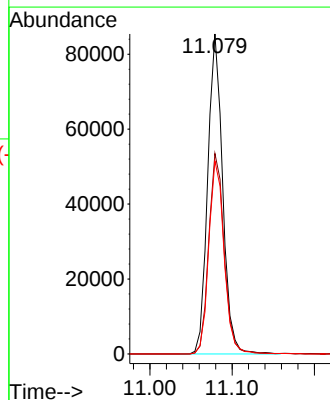
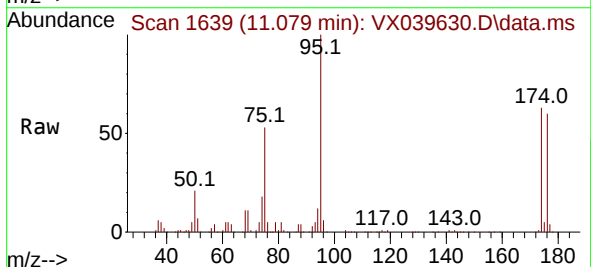
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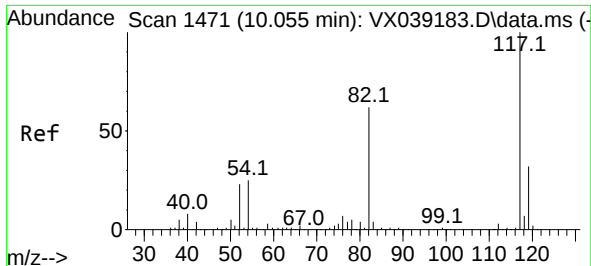
Tgt Ion: 98 Resp: 228881
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.458 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

Tgt Ion: 95 Resp: 107914
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.6
176 61.8 0.0 131.0

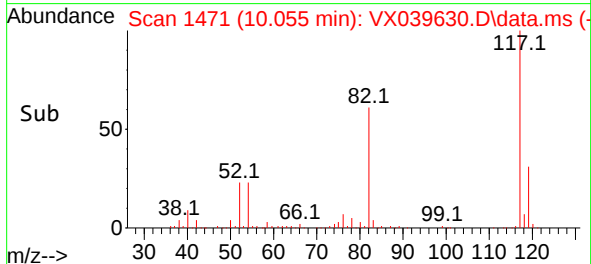
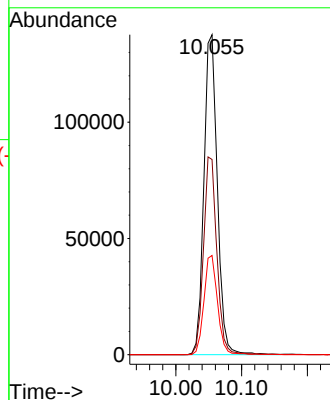
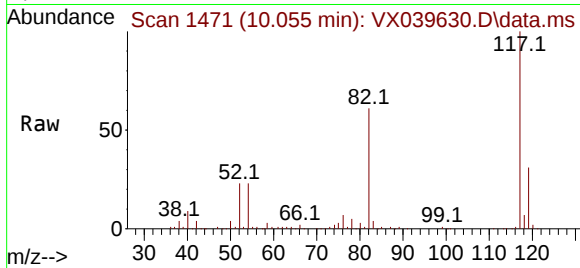




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 195788
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039630.D
Acq: 04 Jan 2024 18:57

Tgt Ion:152 Resp: 100480
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 156.4 0.0 345.0

