

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037582.D
 Acq On : 07 Sep 2023 16:39
 Operator : JC/MD
 Sample : 04311-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-02-133-090523-FD

Quant Time: Sep 08 00:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	155904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93385	41.548	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.100%
35) Dibromofluoromethane	5.385	113	85513	49.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	8.647	98	296518	47.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.079	95	112194	45.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.000%

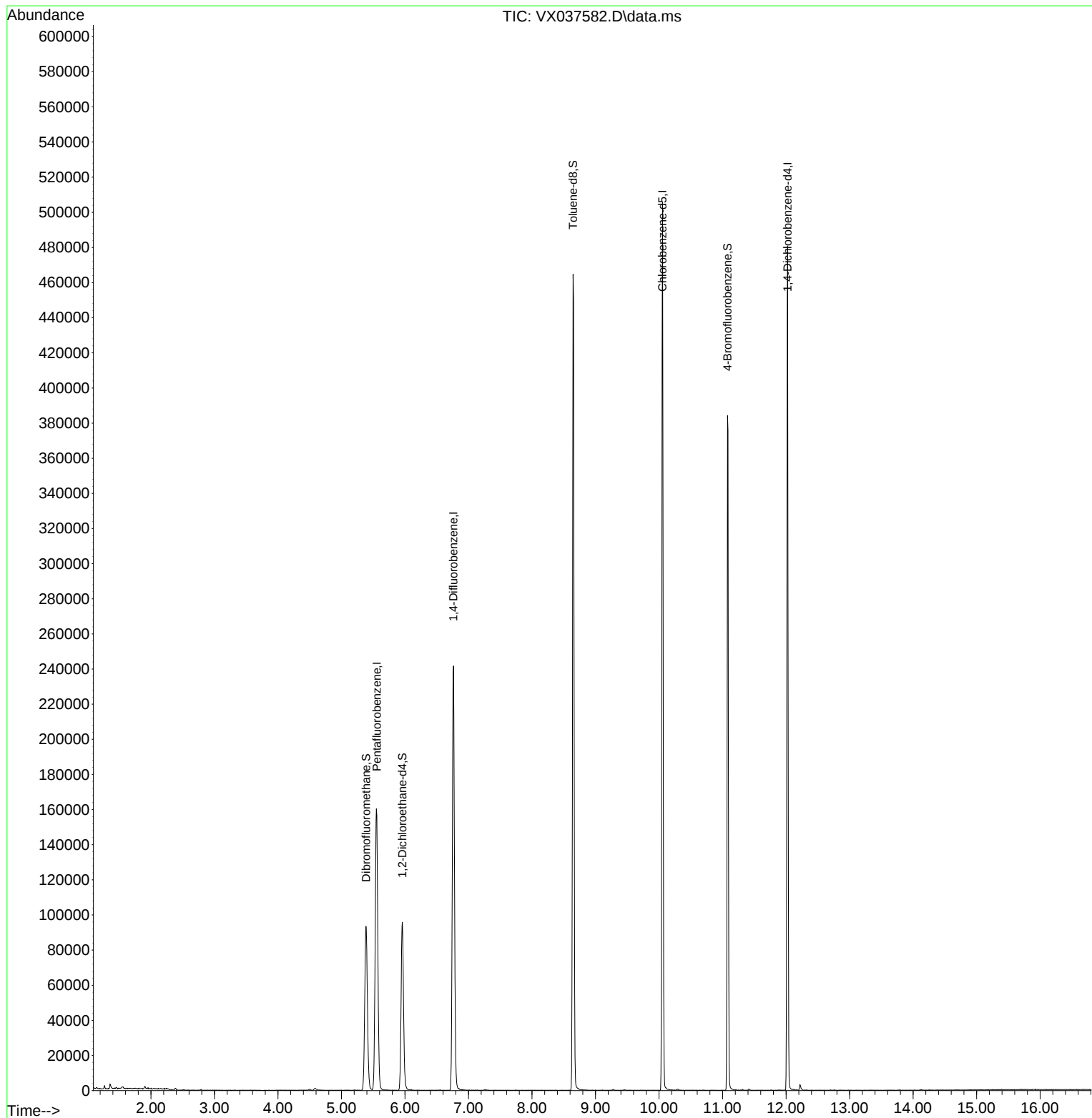
Target Compounds	Qvalue

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

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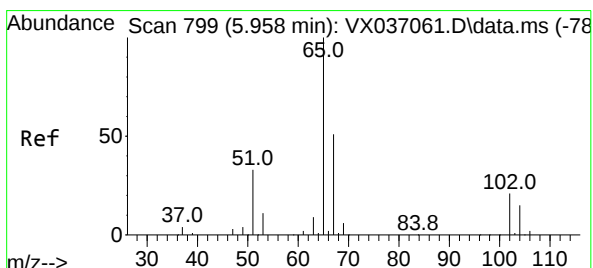
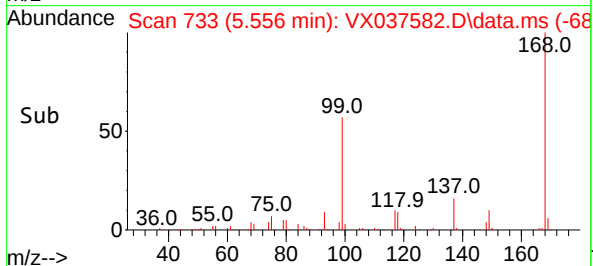
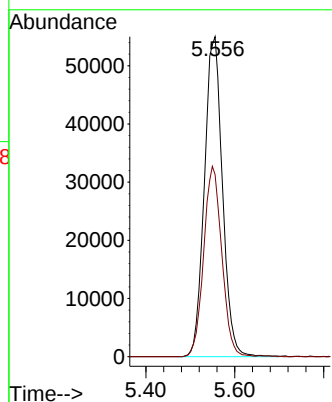
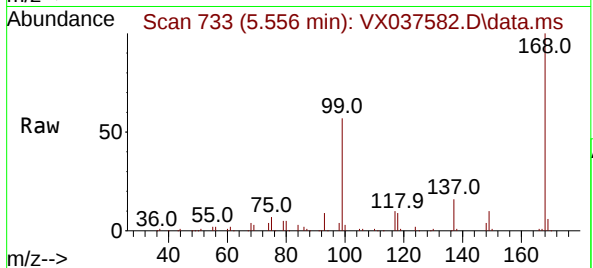




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

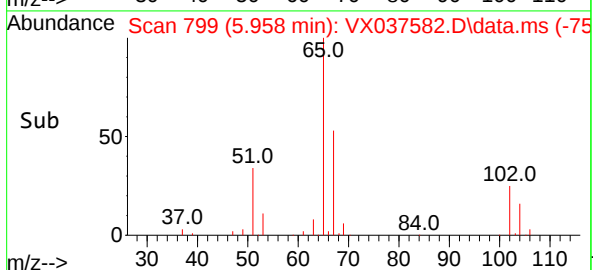
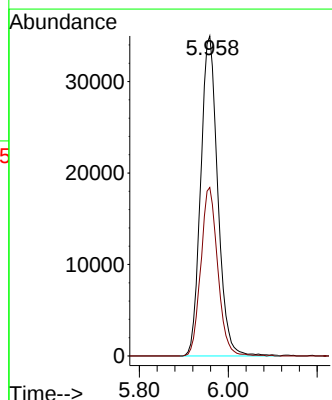
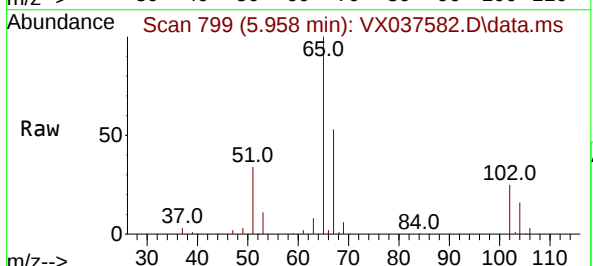
Instrument :
MSVOA_X
ClientSampleId :
BR-02-133-090523-FD

Tgt Ion:168 Resp: 155904
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 41.548 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion: 65 Resp: 93385
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

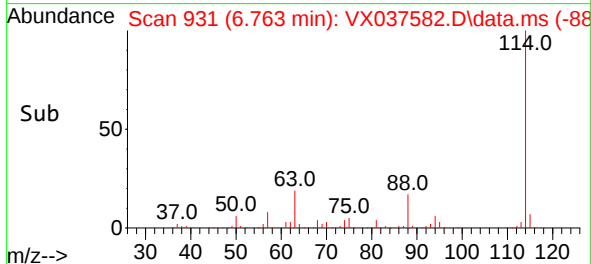
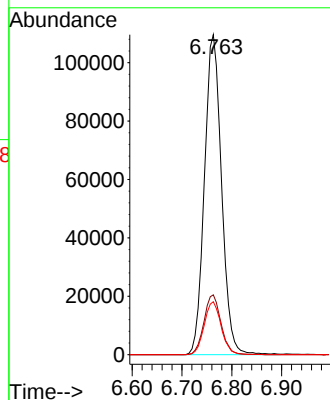
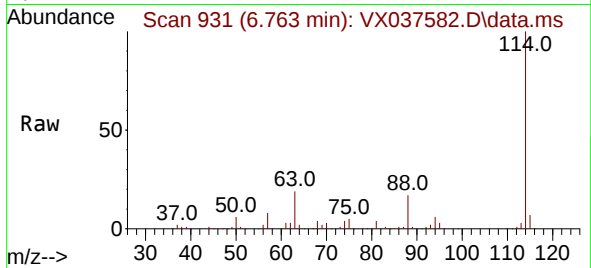




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

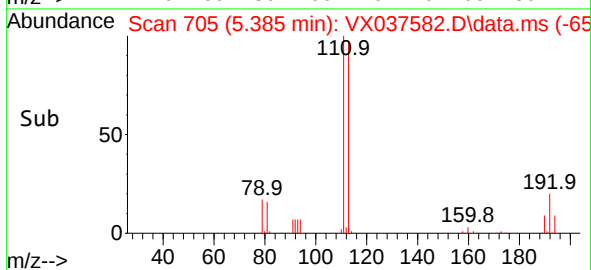
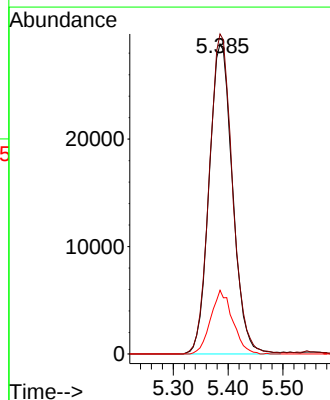
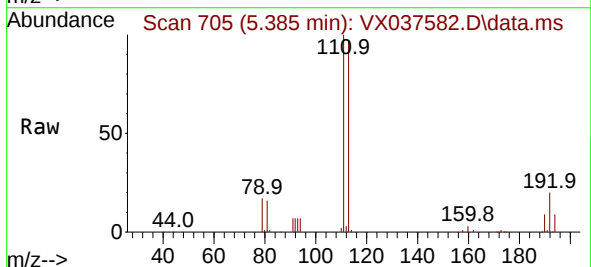
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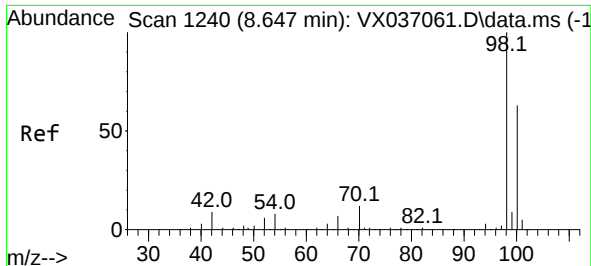
Tgt Ion:114 Resp: 261161
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.441 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion:113 Resp: 85513
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.2 13.3 19.9

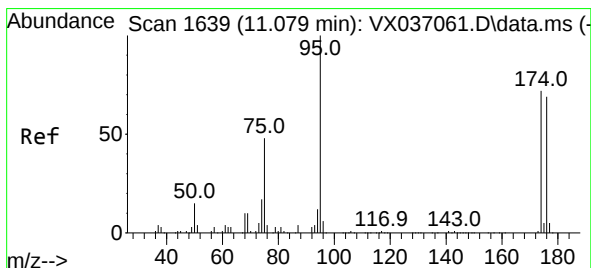
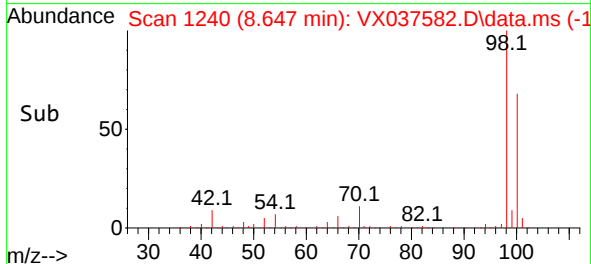
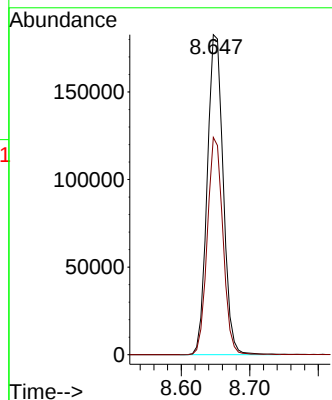
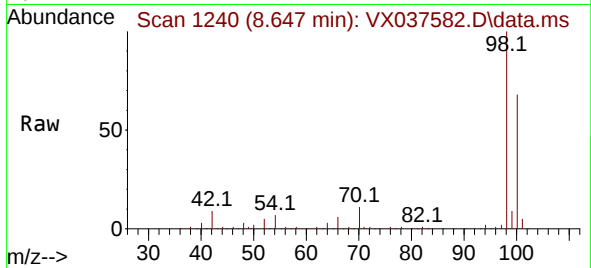




#50
Toluene-d8
Concen: 47.262 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

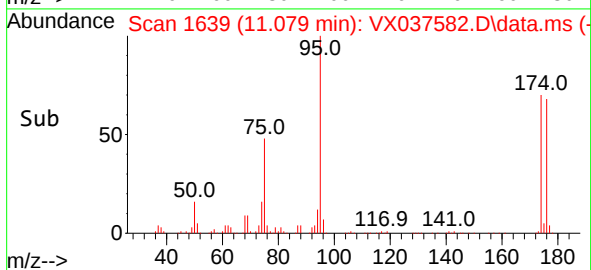
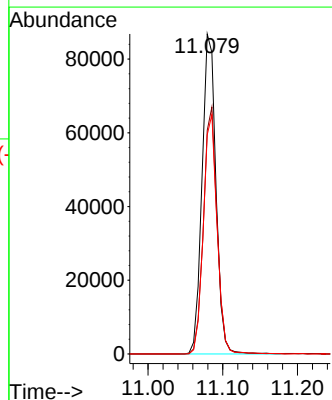
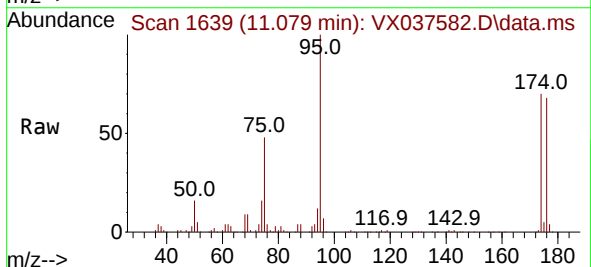
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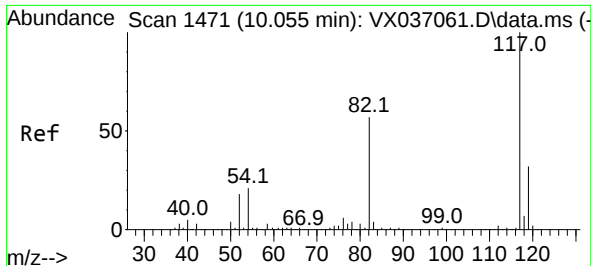
Tgt Ion: 98 Resp: 296518
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion: 95 Resp: 112194
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 73.6 0.0 131.0

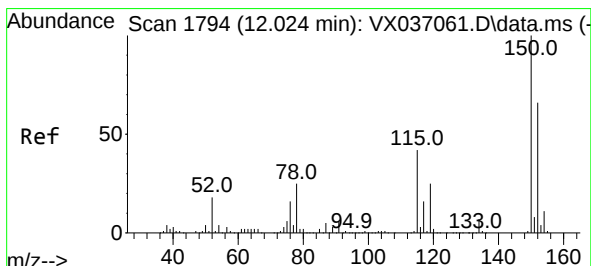
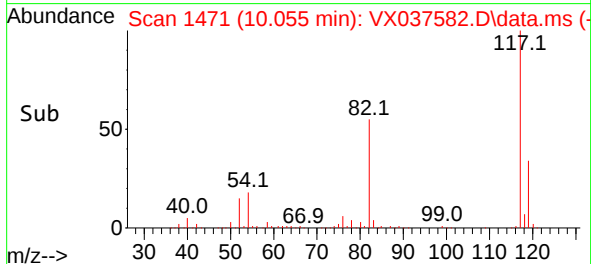
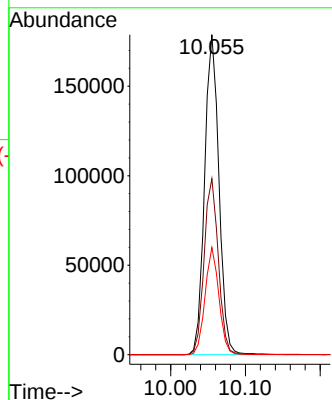
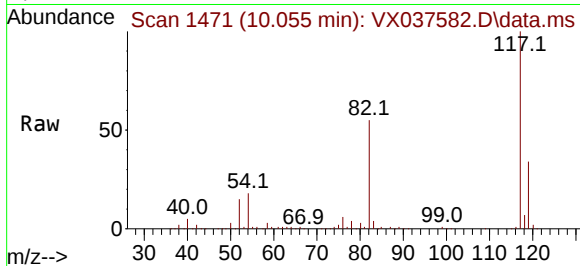




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 238441
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 33.5 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: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion:152 Resp: 105669
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 156.6 0.0 345.0

