

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036858.D
 Acq On : 08 Aug 2023 12:51
 Operator : JC/MD
 Sample : 03915-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 09 04:13:17 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	141543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98419	46.993	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.385	113	82620	45.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.800%
50) Toluene-d8	8.647	98	313218	49.070	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	118176	49.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%

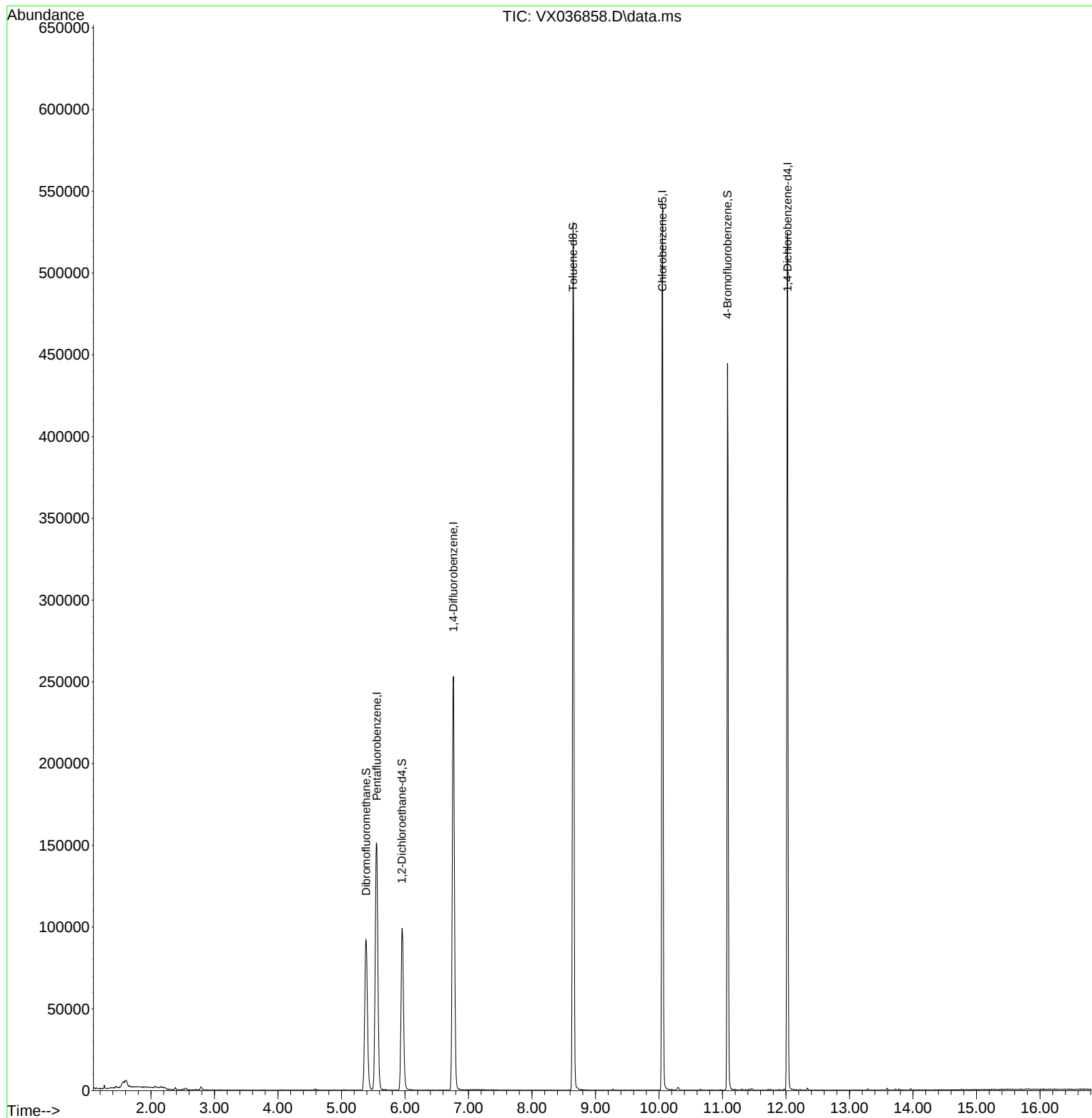
Target Compounds	Qvalue

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

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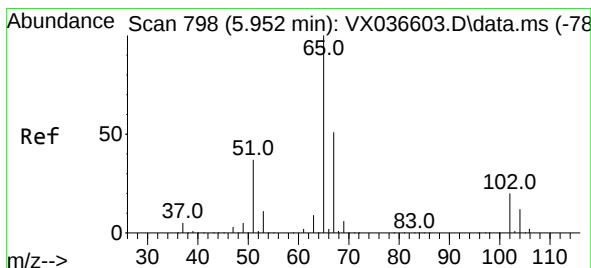
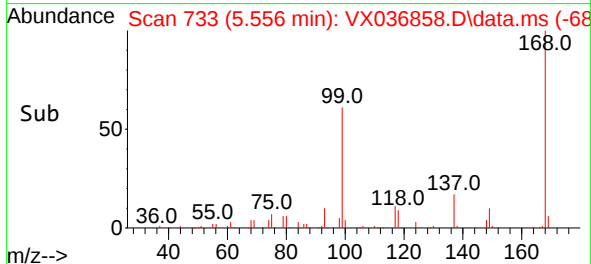
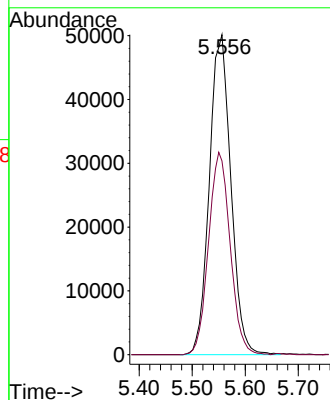
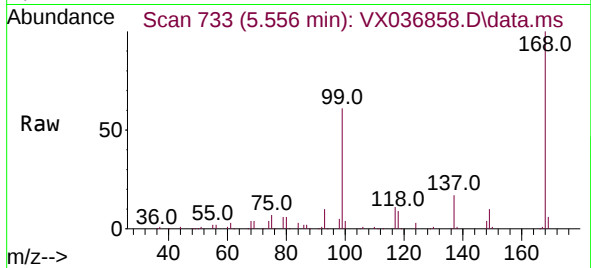




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

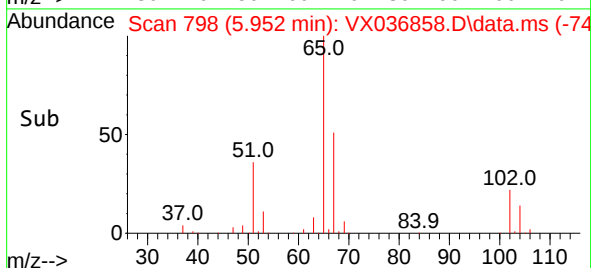
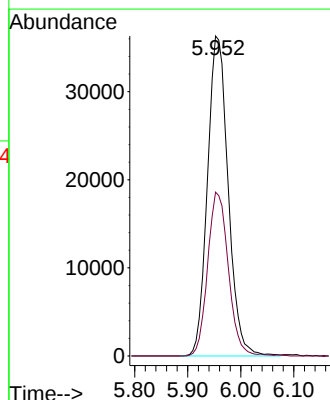
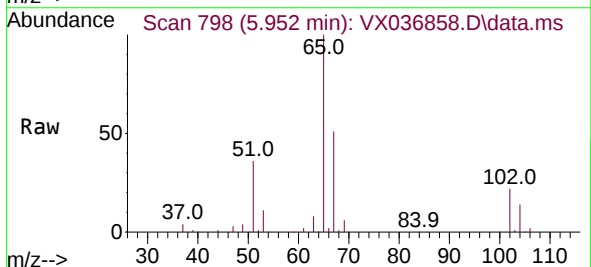
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 141543
Ion Ratio Lower Upper
168 100
99 60.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.993 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion: 65 Resp: 98419
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

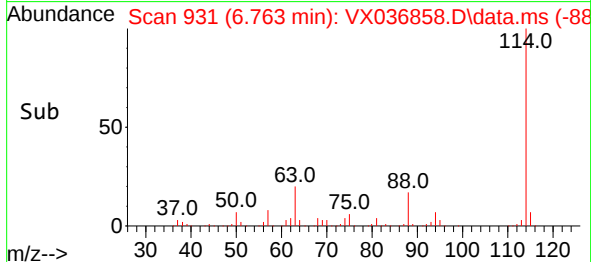
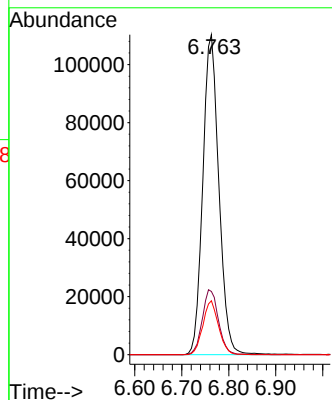
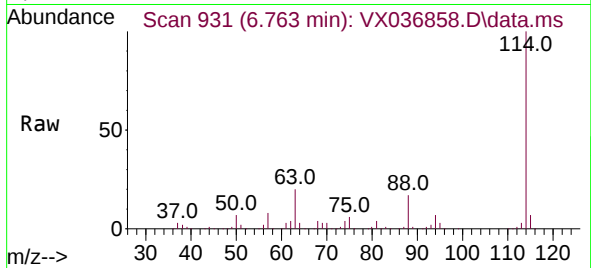




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

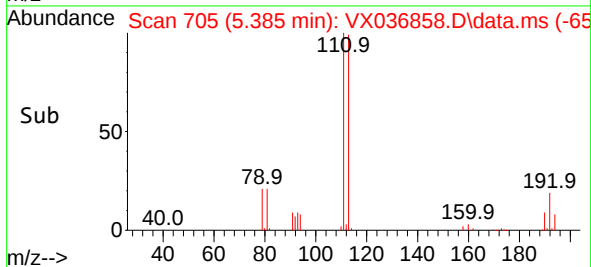
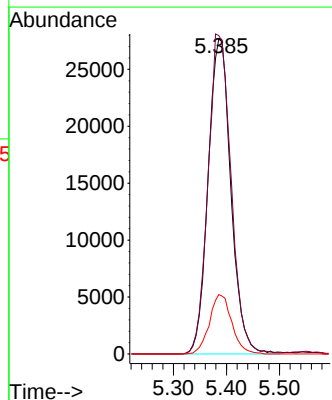
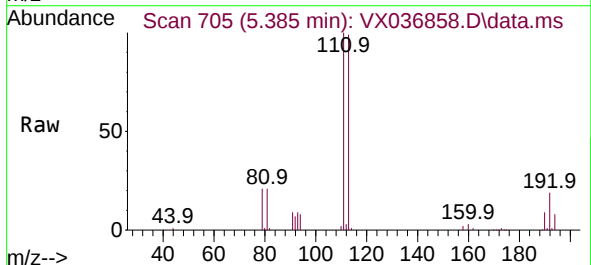
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 261873
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.901 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion:113 Resp: 82620
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.5 13.3 19.9

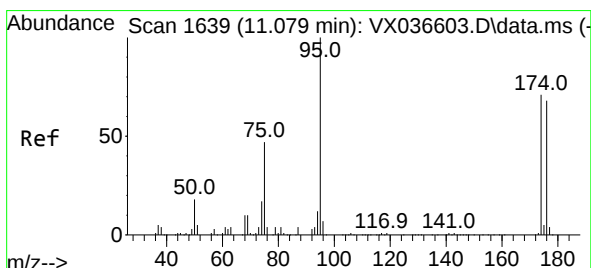
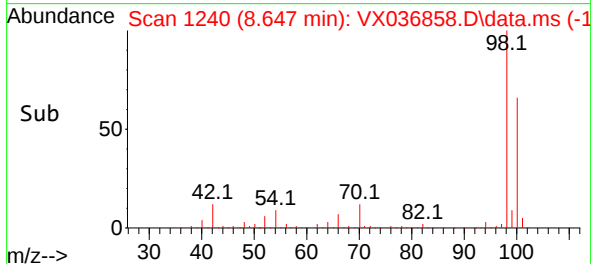
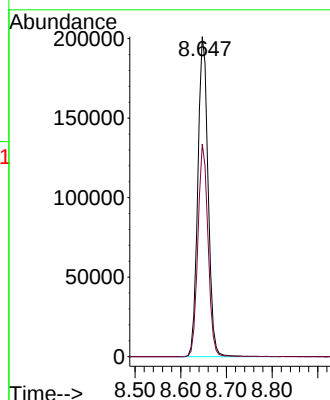
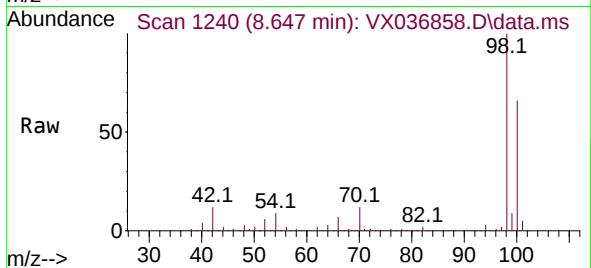




#50
Toluene-d8
Concen: 49.070 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

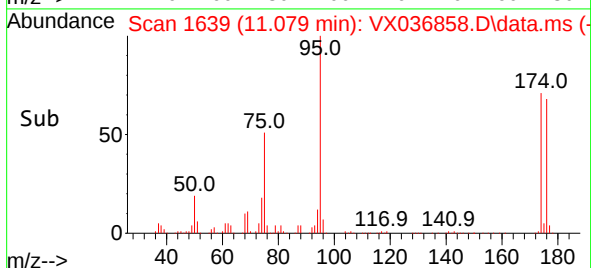
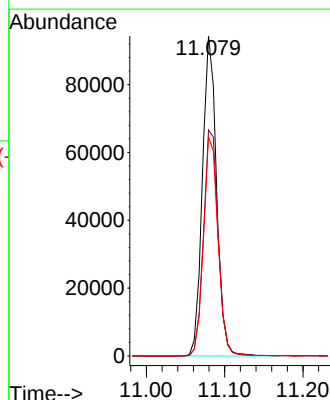
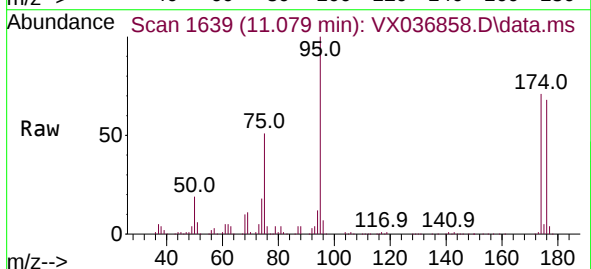
Instrument :
MSVOA_X
ClientSampleId :
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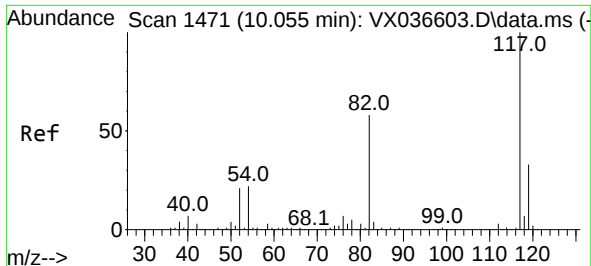
Tgt Ion: 98 Resp: 313218
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.072 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion: 95 Resp: 118176
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 70.2 0.0 131.0

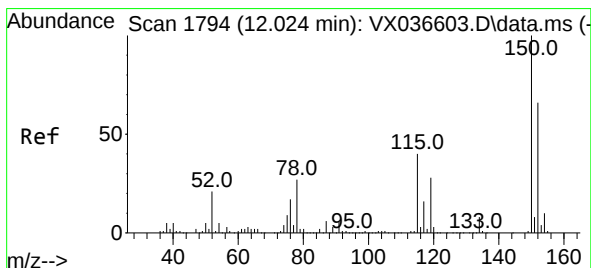
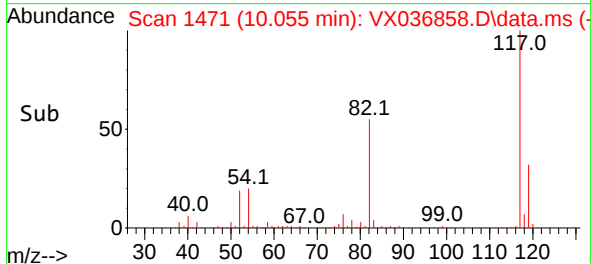
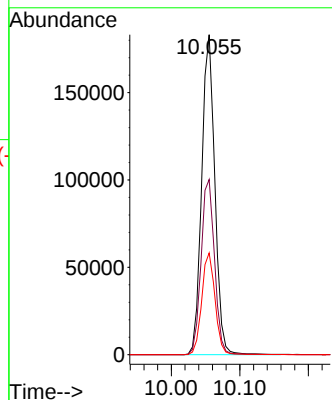
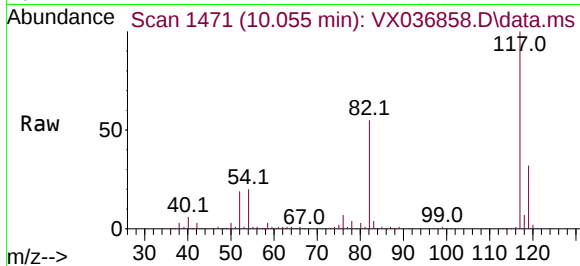




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036858.D
Acq: 08 Aug 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 244892
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.8 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: VX036858.D
Acq: 08 Aug 2023 12:51

Tgt Ion:152 Resp: 107780
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 159.0 0.0 345.0

