

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035516.D
 Acq On : 03 May 2023 17:44
 Operator : JC/MD
 Sample : 02597-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-20230503

Quant Time: May 04 04:01:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	202553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122962	50.318	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.640%
35) Dibromofluoromethane	5.385	113	101294	49.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.647	98	384996	50.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.280%
62) 4-Bromofluorobenzene	11.079	95	148253	51.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.660%

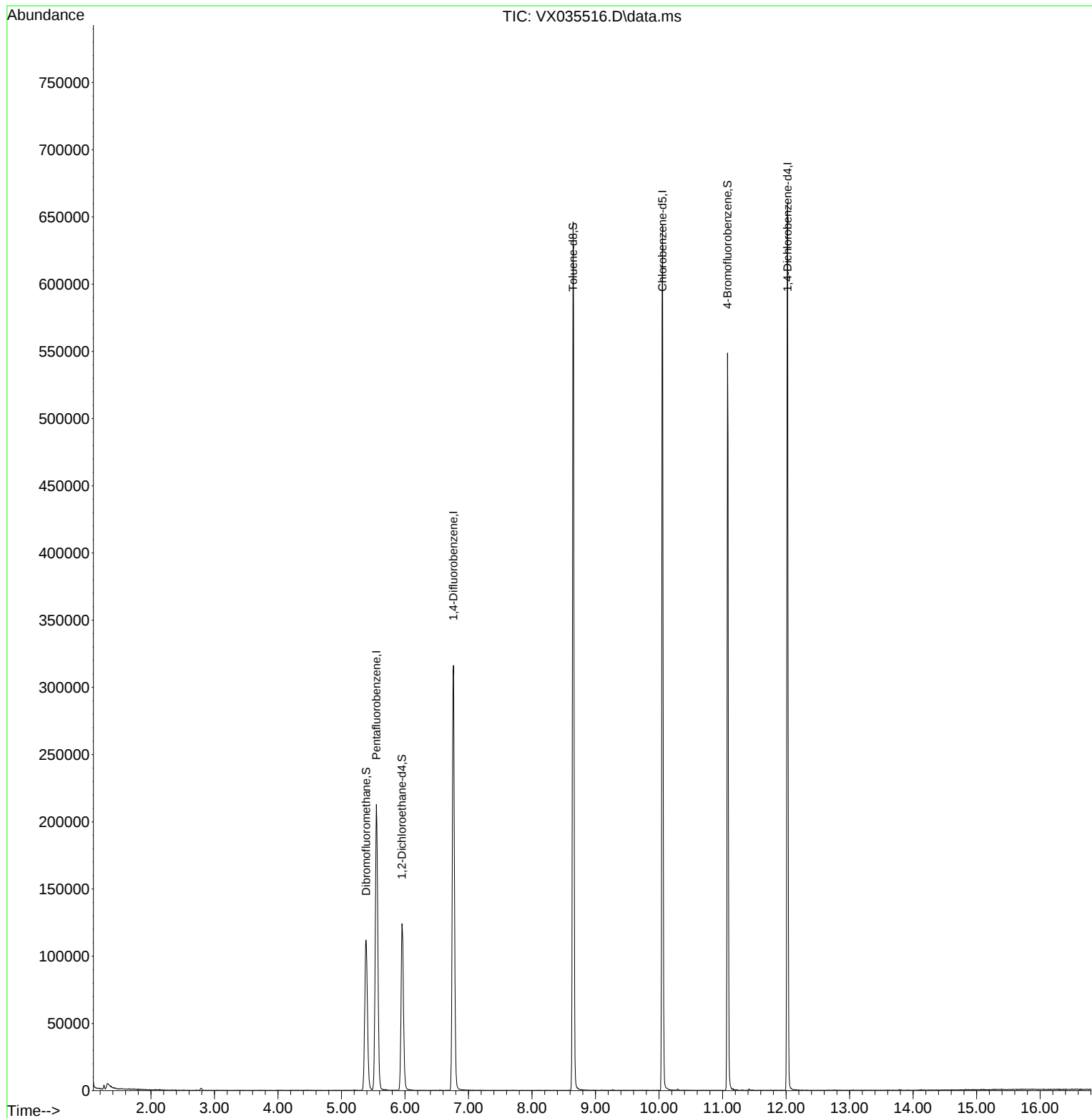
Target Compounds	Qvalue

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

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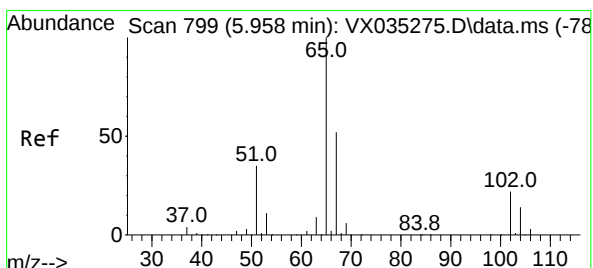
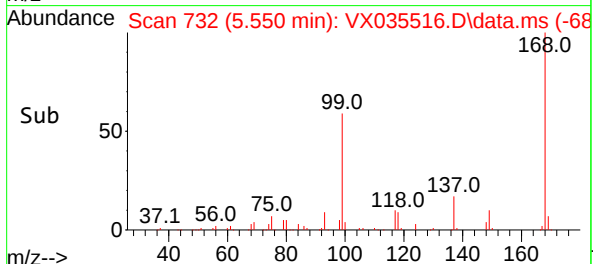
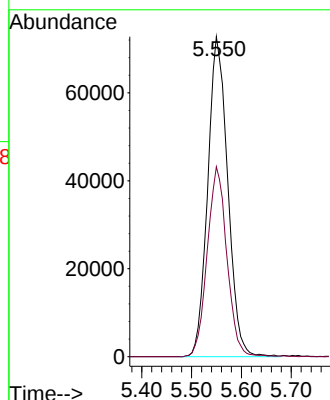
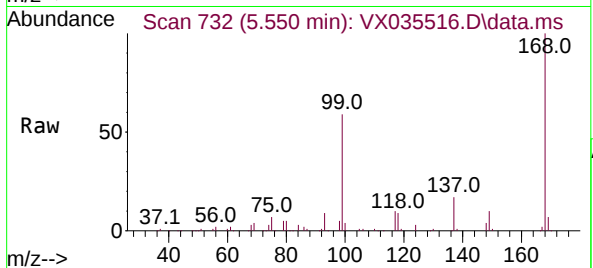




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

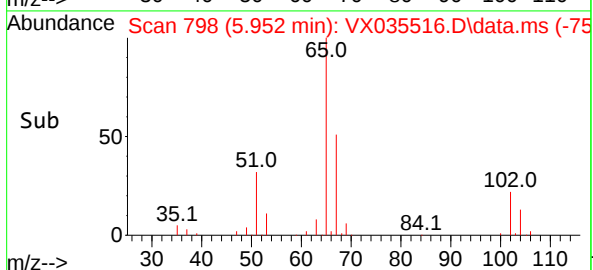
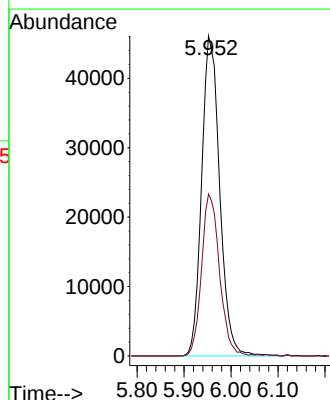
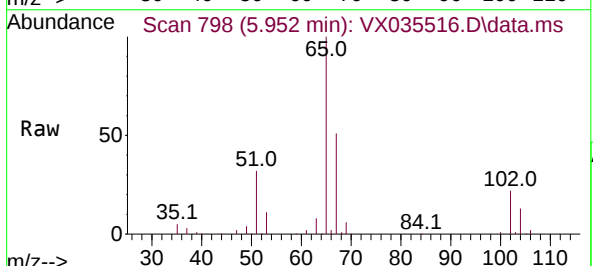
Instrument :
MSVOA_X
ClientSampleId :
EB-20230503

Tgt Ion:168 Resp: 202553
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.318 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion: 65 Resp: 122962
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

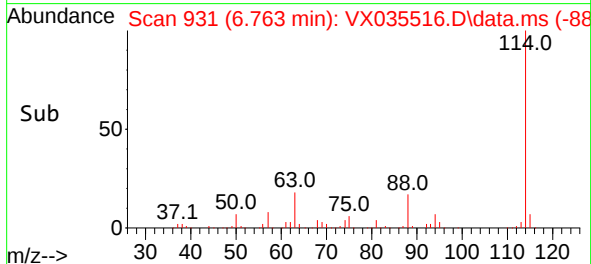
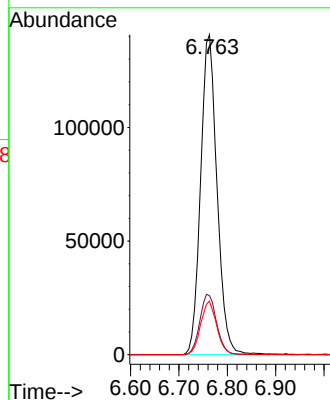
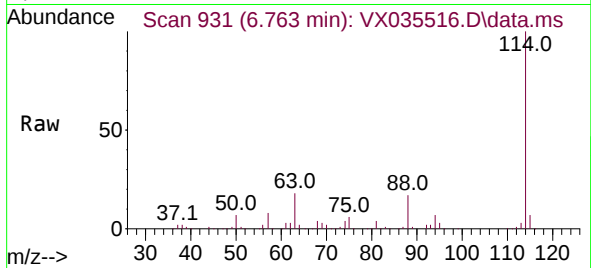




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

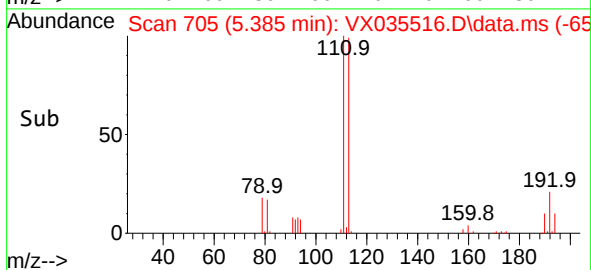
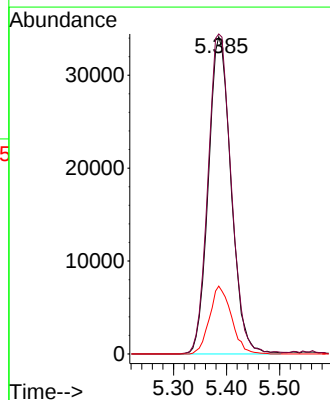
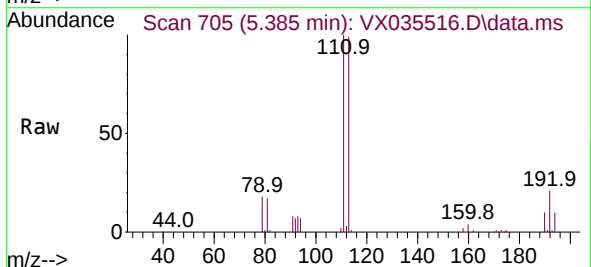
Instrument :
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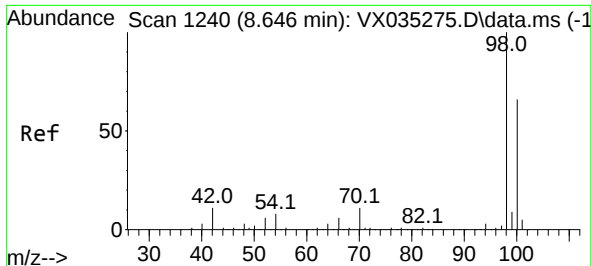
Tgt Ion:114 Resp: 331600
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion:113 Resp: 101294
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 20.6 15.4 23.2





#50

Toluene-d8

Concen: 50.145 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035516.D

Acq: 03 May 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

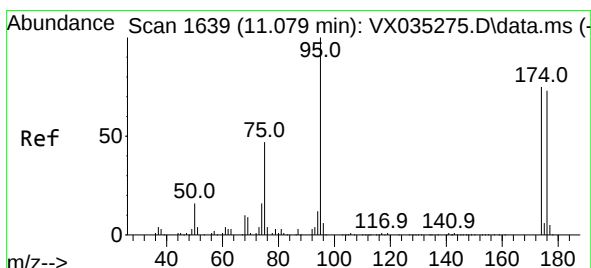
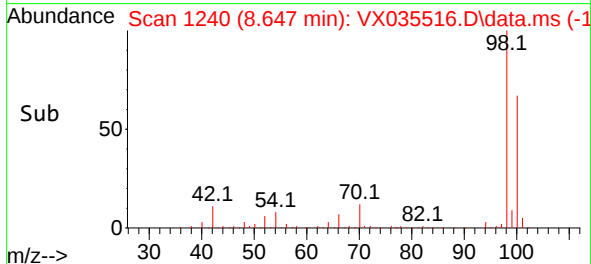
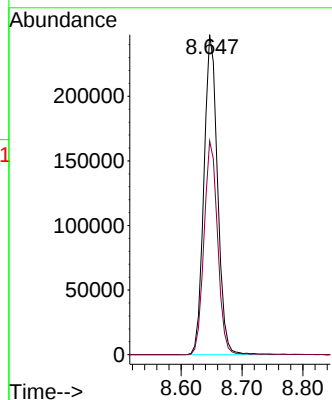
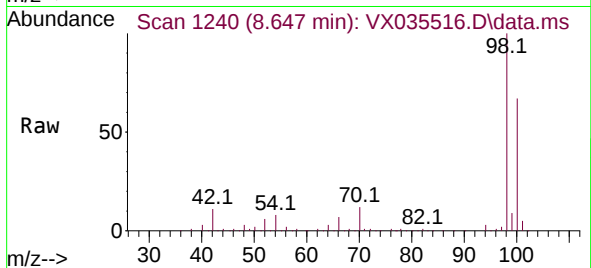
EB-20230503

Tgt Ion: 98 Resp: 384996

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 51.330 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035516.D

Acq: 03 May 2023 17:44

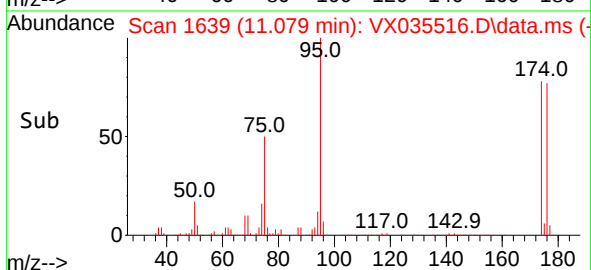
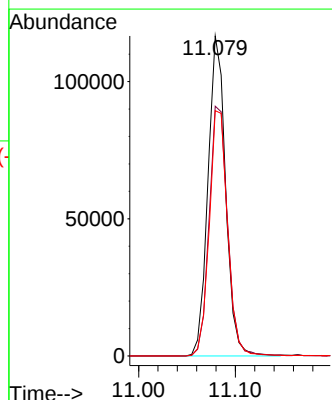
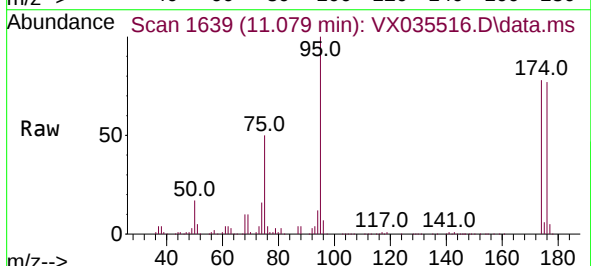
Tgt Ion: 95 Resp: 148253

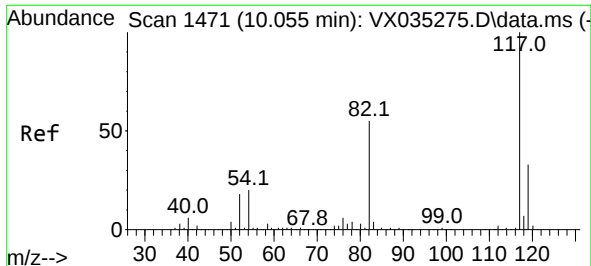
Ion Ratio Lower Upper

95 100

174 81.6 0.0 147.4

176 79.6 0.0 140.6

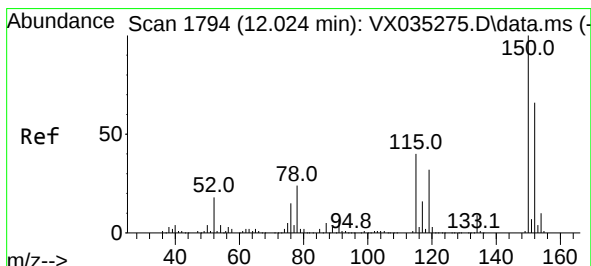
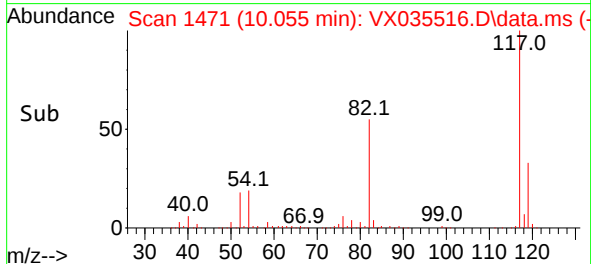
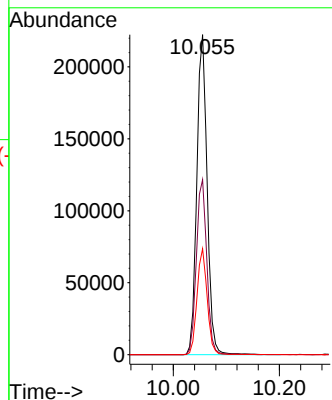
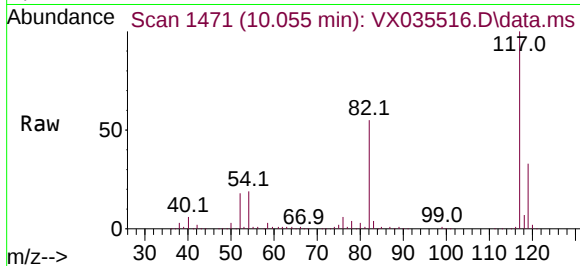




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
EB-20230503

Tgt Ion:117 Resp: 300464
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 33.1 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: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion:152 Resp: 146901
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 156.0 0.0 352.4

