

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037245.D
 Acq On : 25 Aug 2023 03:59
 Operator : JC/MD
 Sample : 04096-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20230816

Quant Time: Aug 25 07:45:18 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	5.550	168	155325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96706	43.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.380%
35) Dibromofluoromethane	5.385	113	78459	46.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	301225	48.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	113063	46.600	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%

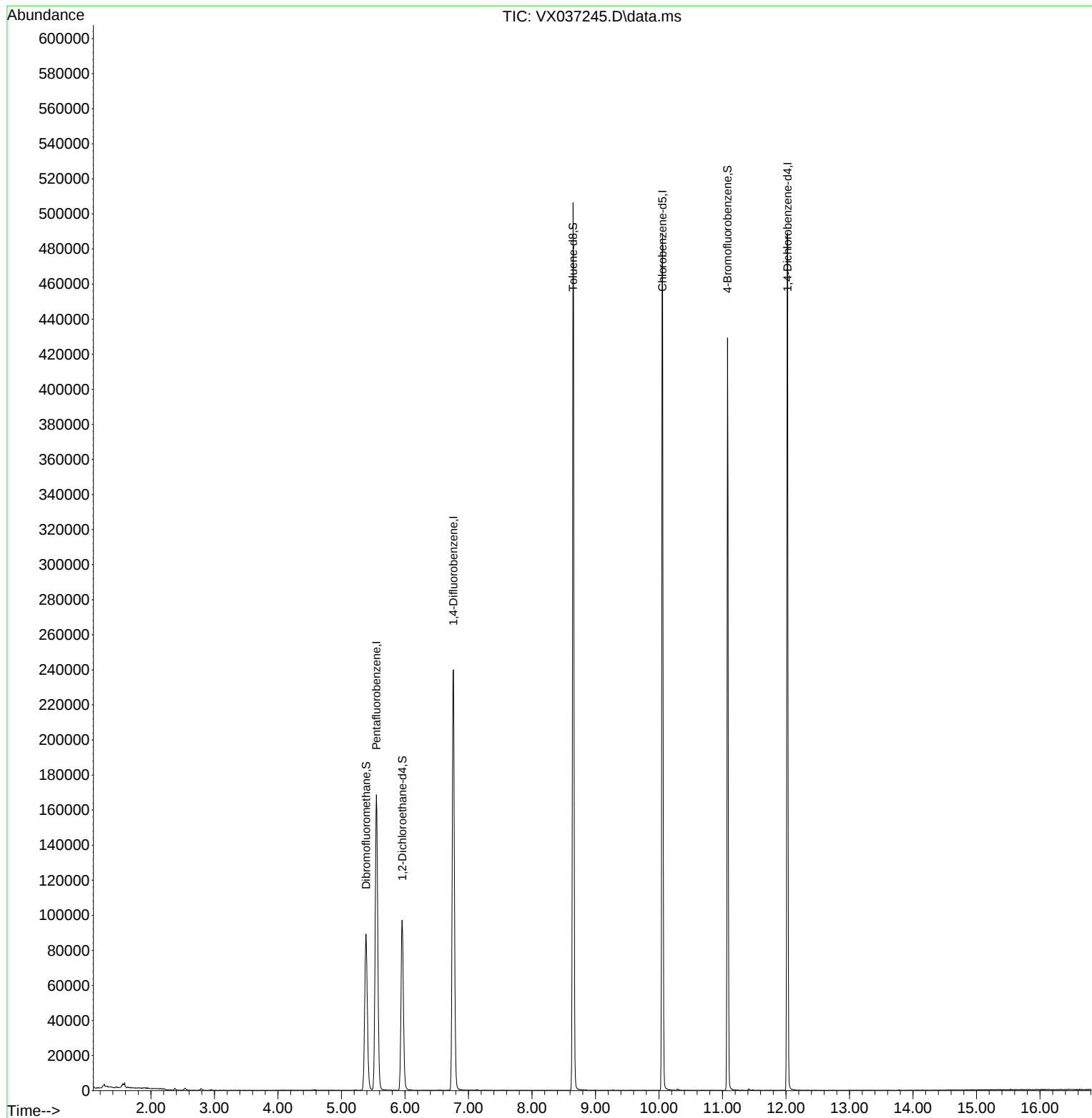
Target Compounds	Qvalue

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

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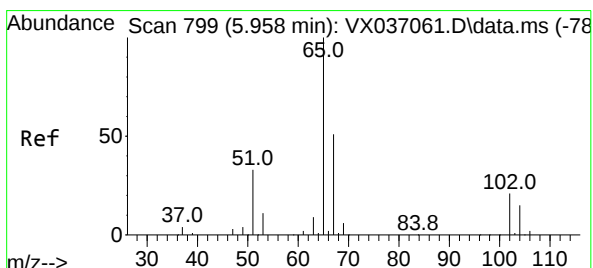
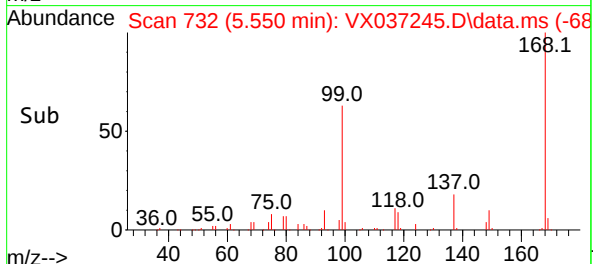
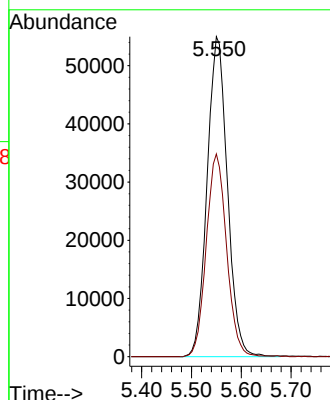
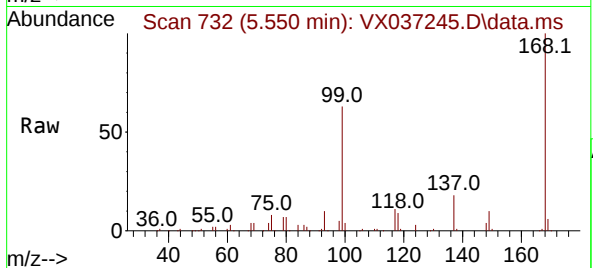




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

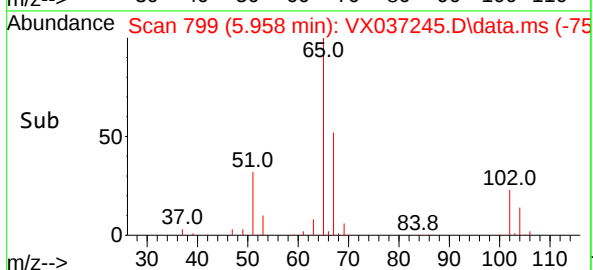
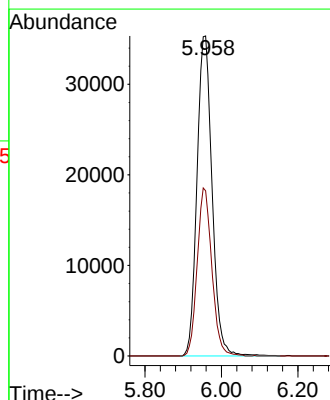
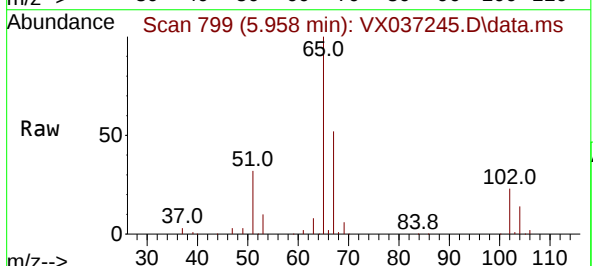
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230816

Tgt Ion:168 Resp: 155325
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 43.186 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion: 65 Resp: 96706
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

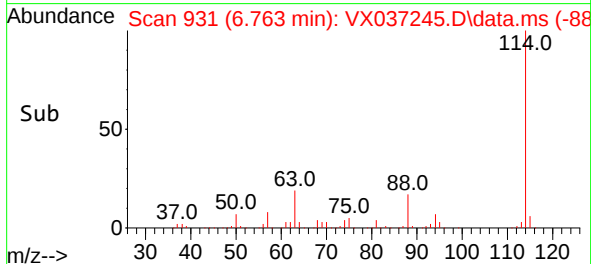
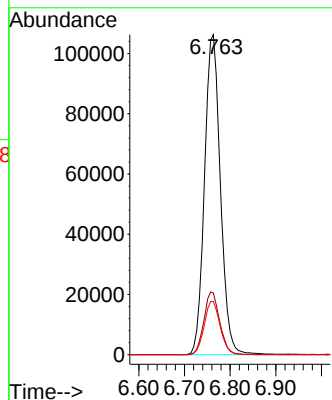
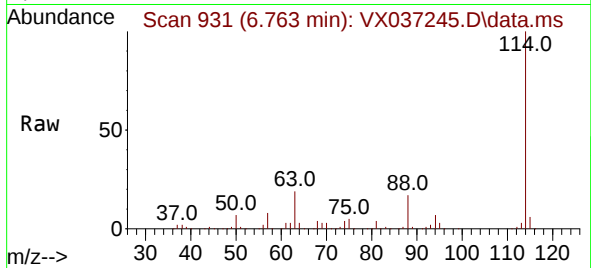




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

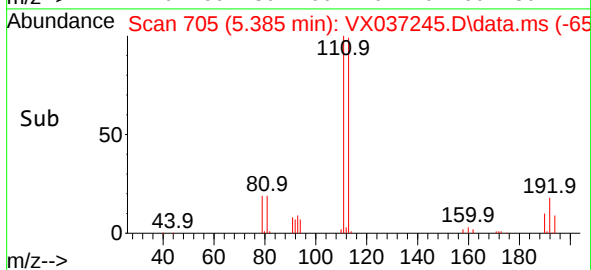
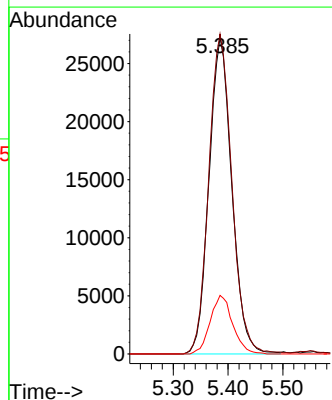
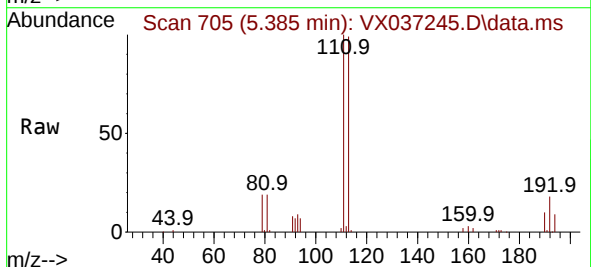
Instrument :
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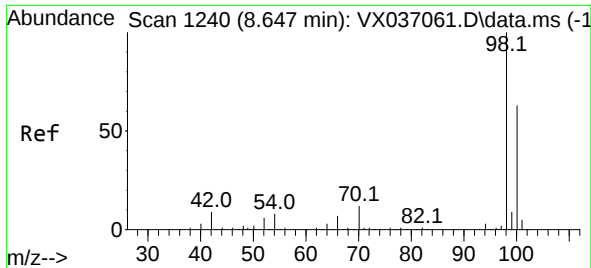
Tgt Ion:114 Resp: 256997
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.097 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion:113 Resp: 78459
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.3 13.3 19.9

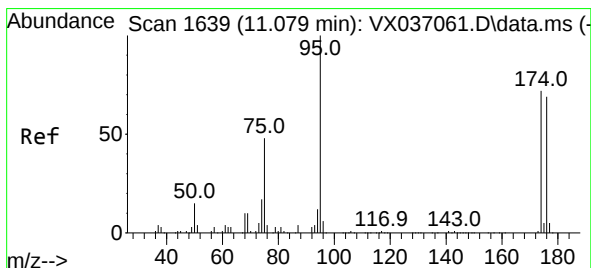
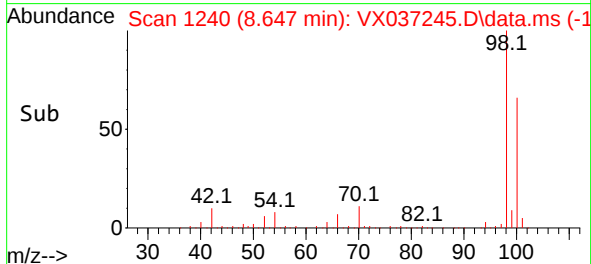
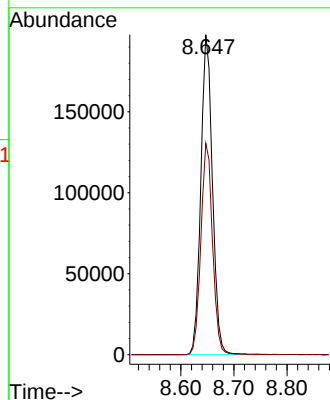
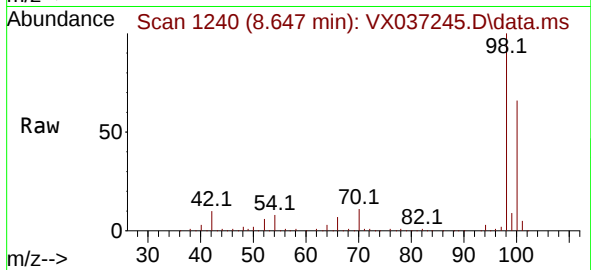




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

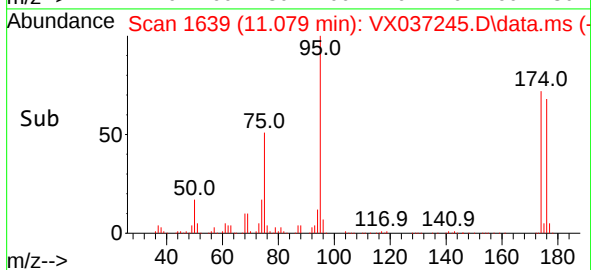
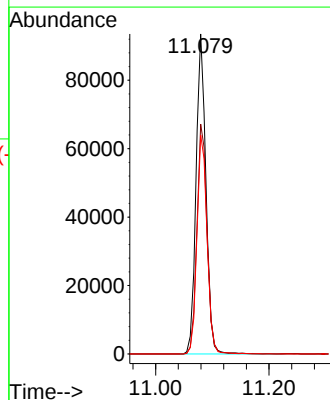
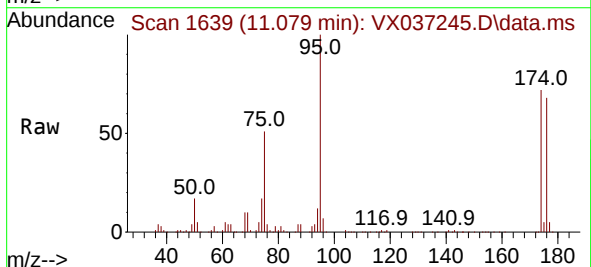
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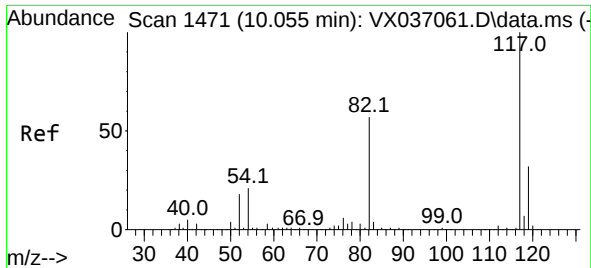
Tgt Ion: 98 Resp: 301225
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion: 95 Resp: 113063
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 69.7 0.0 131.0

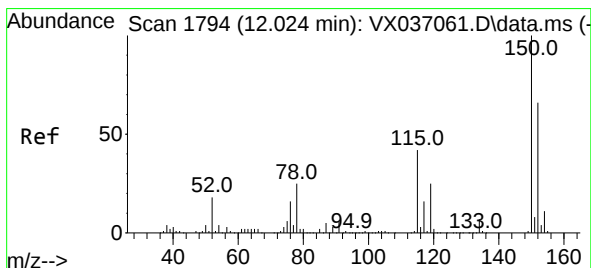
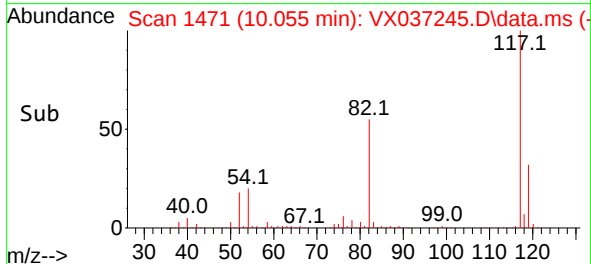
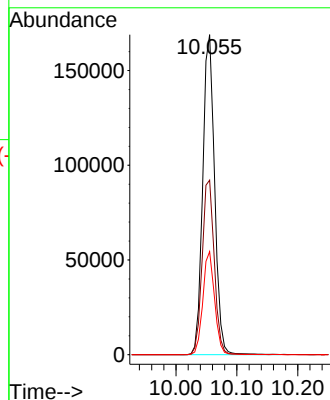
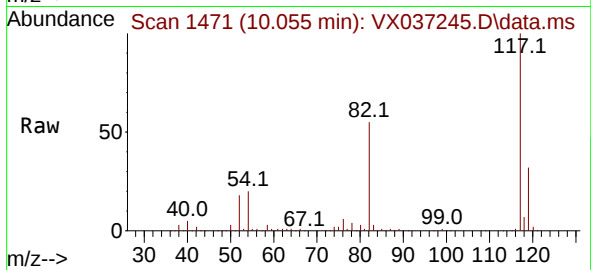




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037245.D
Acq: 25 Aug 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20230816

Tgt Ion:117 Resp: 229292
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 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: VX037245.D
Acq: 25 Aug 2023 03:59

Tgt Ion:152 Resp: 103906
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 156.5 0.0 345.0

