

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034911.D
 Acq On : 01 Apr 2023 08:28
 Operator : JC/MD
 Sample : 02159-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-4

Quant Time: Apr 03 02:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	269197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207696	50.449	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.900%
35) Dibromofluoromethane	5.385	113	146242	47.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	554808	49.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	209259	47.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%

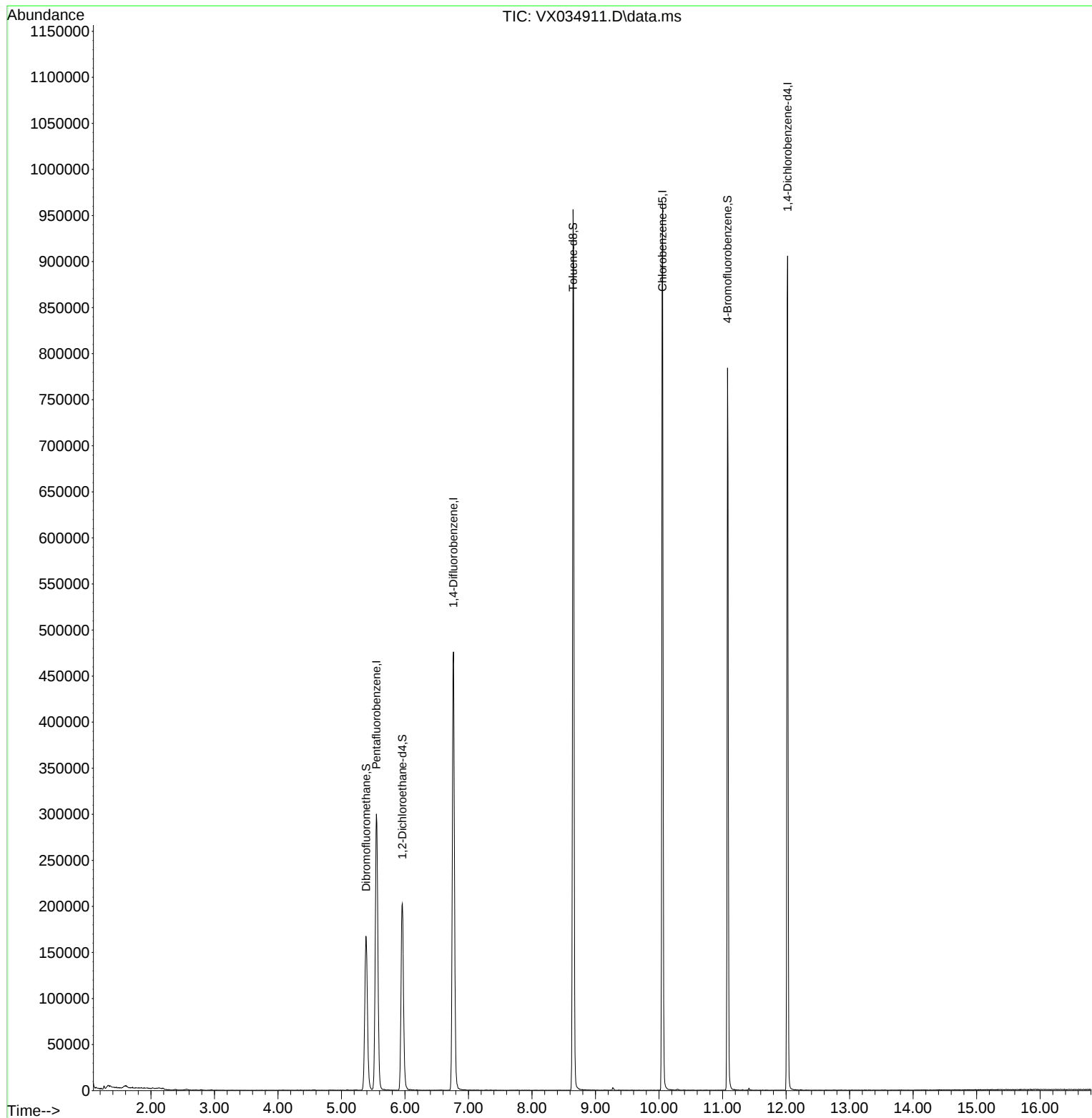
Target Compounds	Qvalue

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

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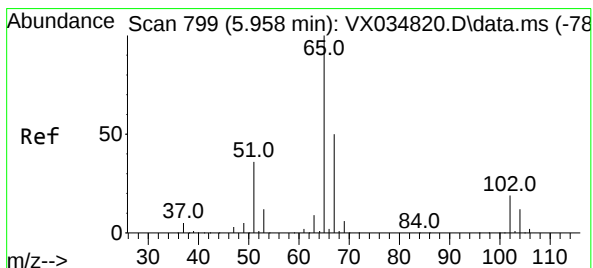
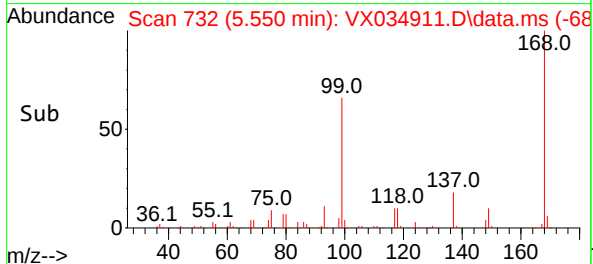
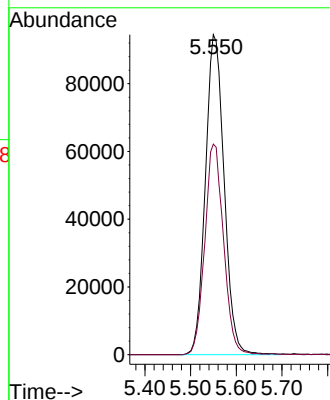
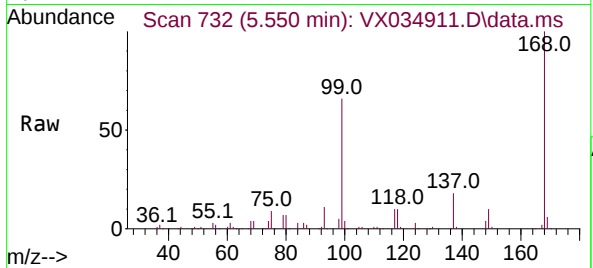




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

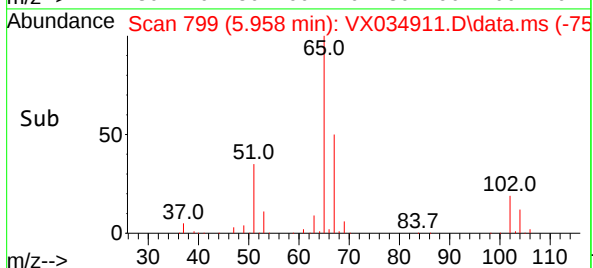
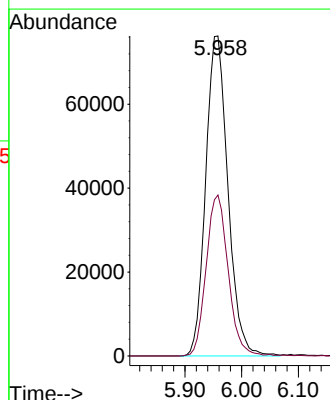
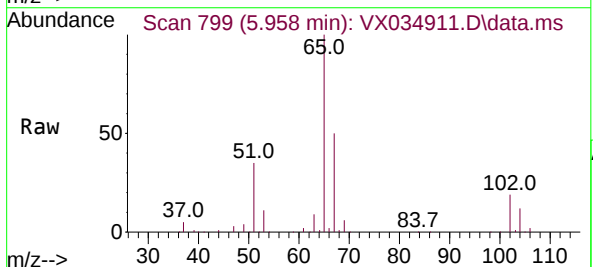
Instrument :
MSVOA_X
ClientSampleId :
MP-4

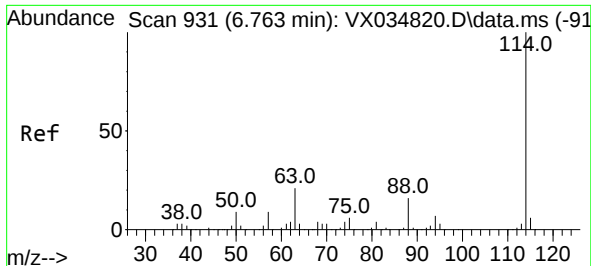
Tgt Ion:168 Resp: 269197
Ion Ratio Lower Upper
168 100
99 65.8 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 50.449 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion: 65 Resp: 207696
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

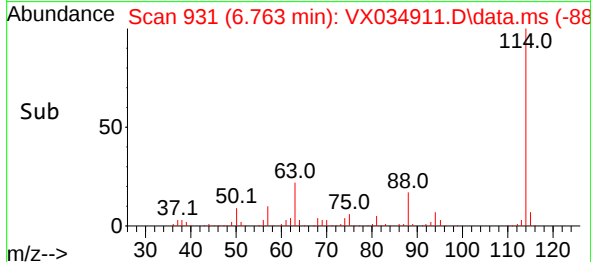
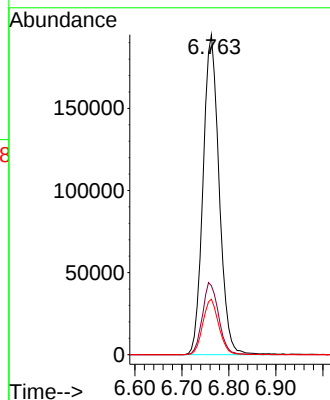
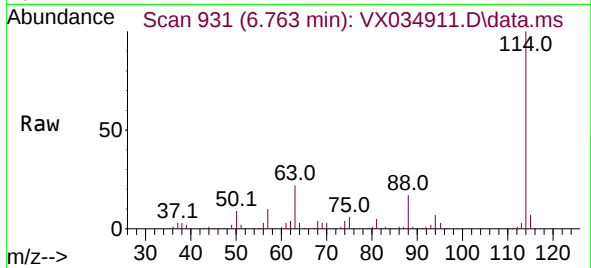




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

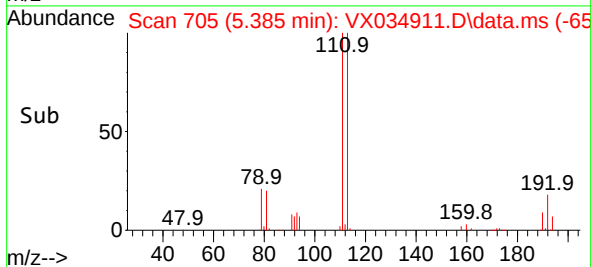
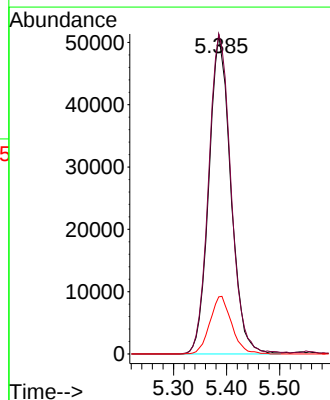
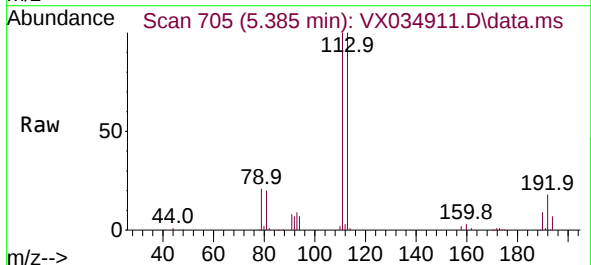
Instrument :
MSVOA_X
ClientSampleId :
MP-4

Tgt Ion:114 Resp: 462858
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 17.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion:113 Resp: 146242
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.0 15.4 23.2

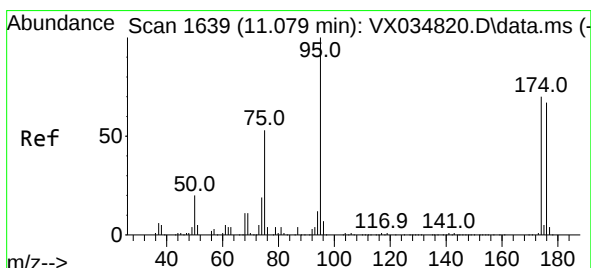
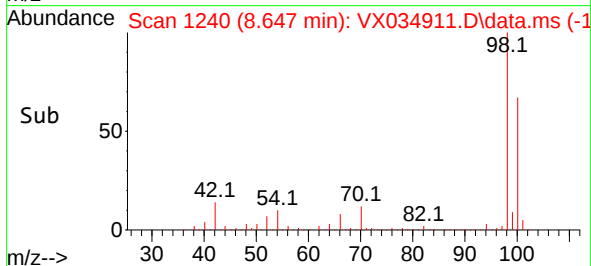
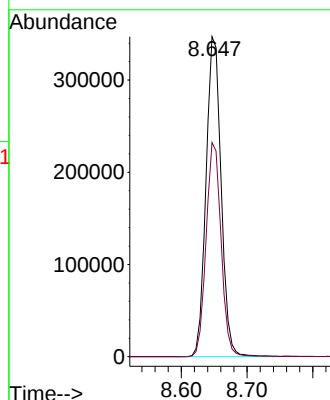
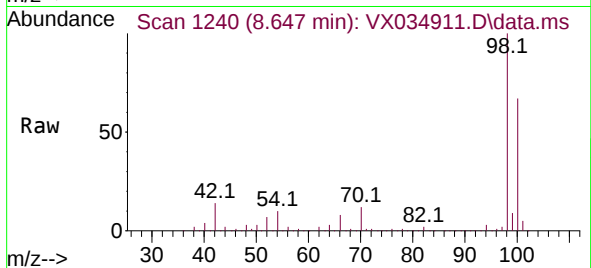




#50
Toluene-d8
Concen: 49.098 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

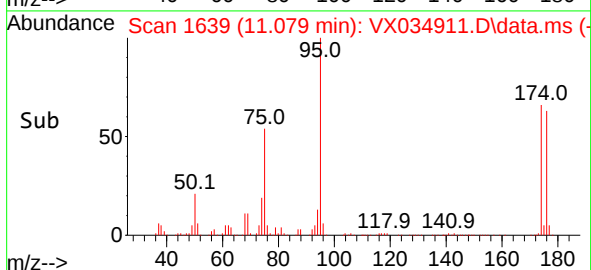
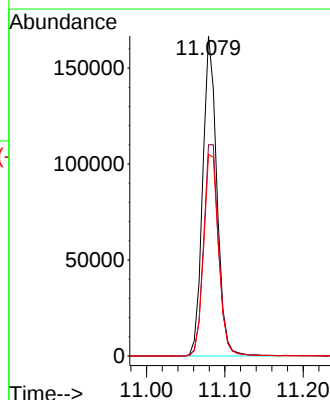
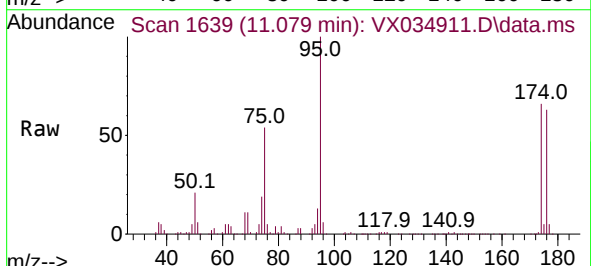
Instrument :
MSVOA_X
ClientSampleId :
MP-4

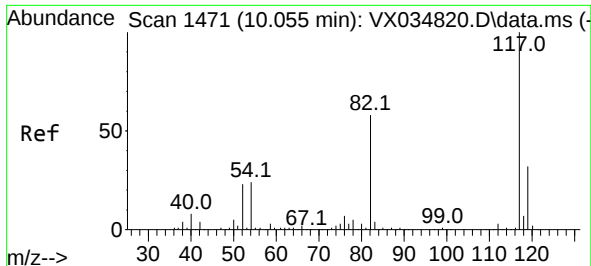
Tgt Ion: 98 Resp: 554808
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion: 95 Resp: 209259
Ion Ratio Lower Upper
95 100
174 69.9 0.0 147.4
176 66.9 0.0 140.6

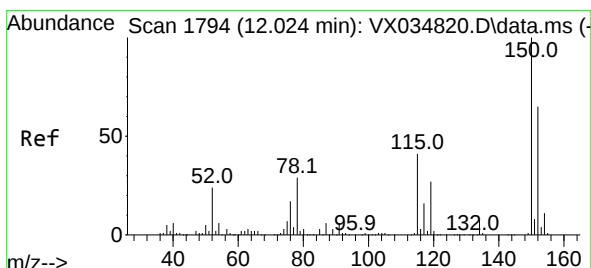
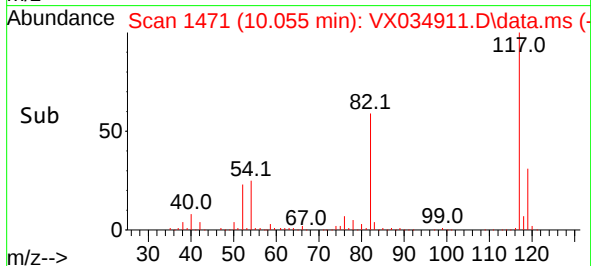
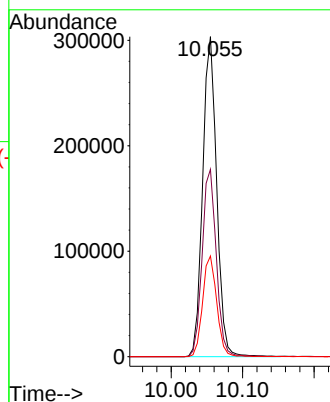
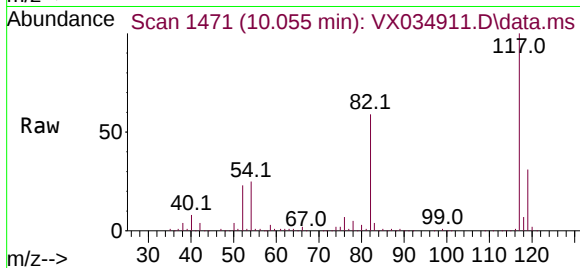




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Instrument :
MSVOA_X
ClientSampleId :
MP-4

Tgt Ion:117 Resp: 412955
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.4 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: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion:152 Resp: 178377
Ion Ratio Lower Upper
152 100
115 63.5 45.0 135.0
150 158.4 0.0 352.4

