

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032511.D
 Acq On : 01 Nov 2022 14:25
 Operator : JC/MD
 Sample : N5404-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 551B-3

Quant Time: Nov 02 05:29:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	122311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82451	48.515	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.040%
35) Dibromofluoromethane	5.391	113	65307	45.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.653	98	238099	47.957	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.079	95	91944	47.408	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%

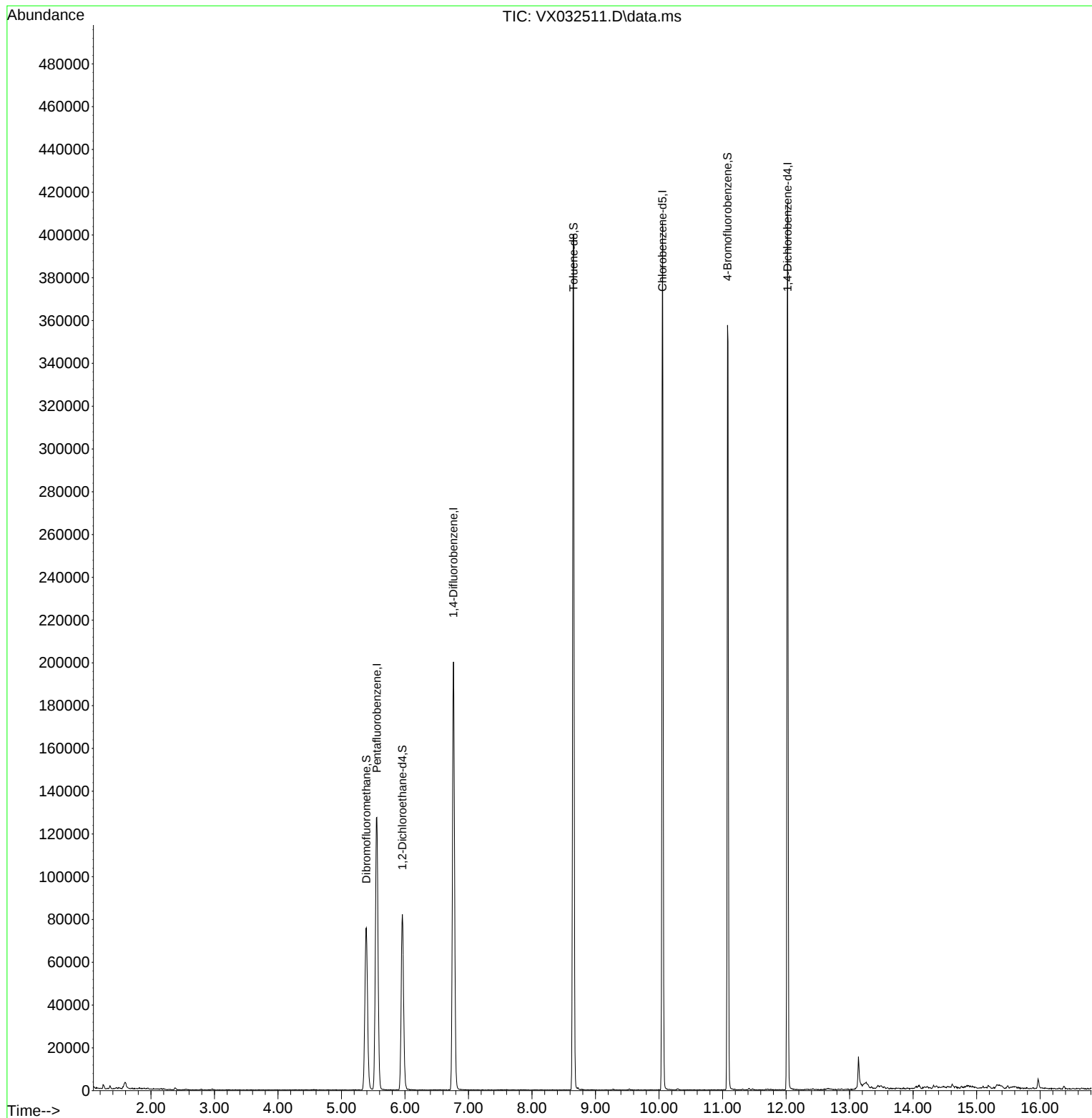
Target Compounds	Qvalue

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

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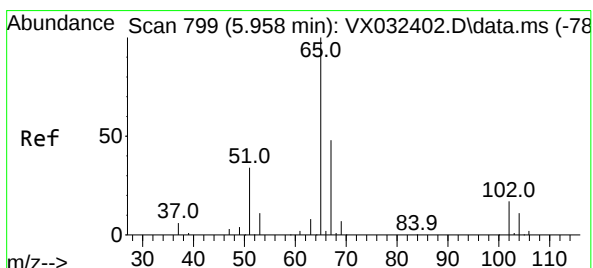
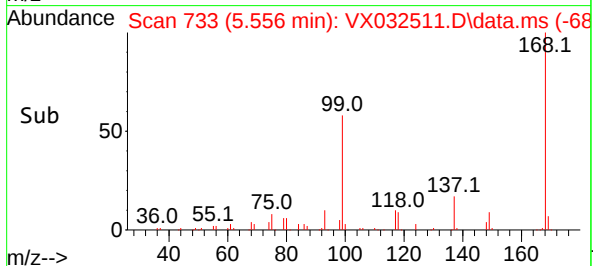
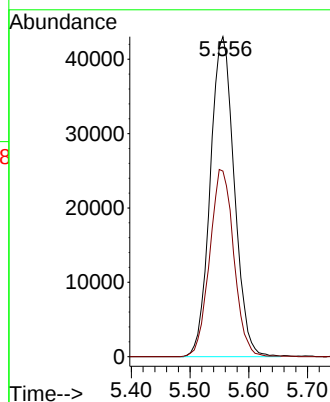
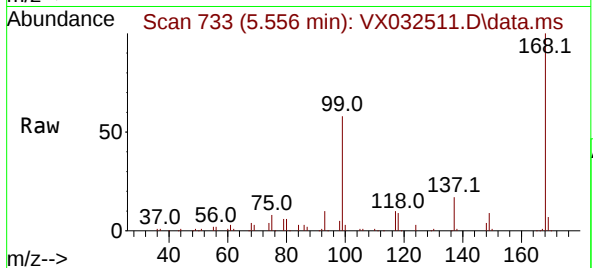




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

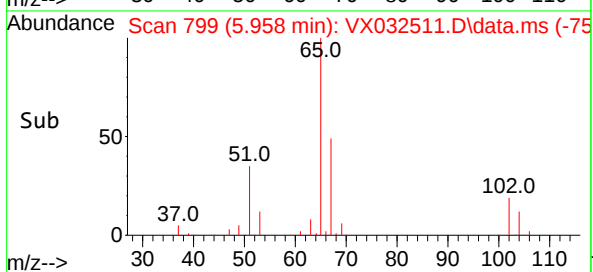
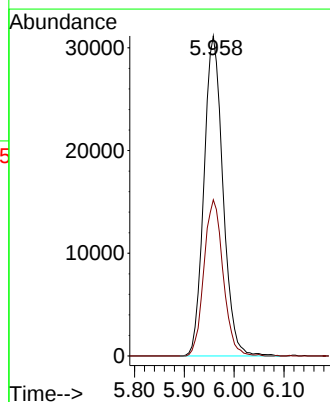
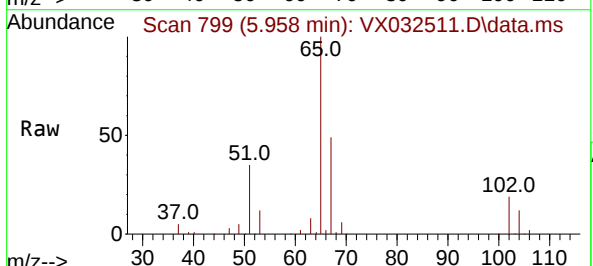
Instrument :
MSVOA_X
ClientSampleId :
551B-3

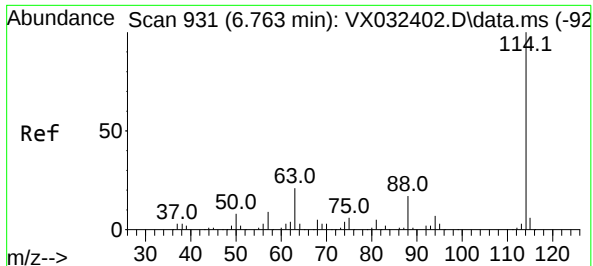
Tgt Ion:168 Resp: 122311
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 48.515 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

Tgt Ion: 65 Resp: 82451
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.8

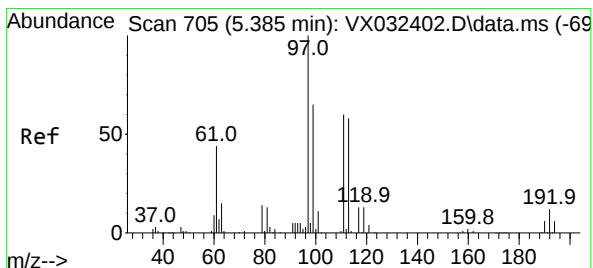
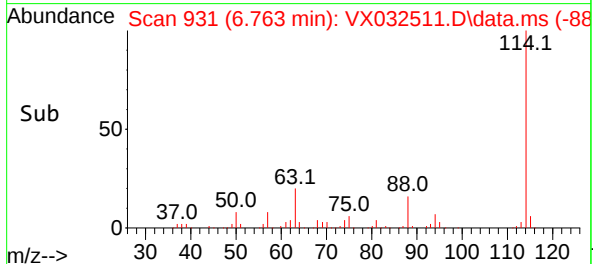
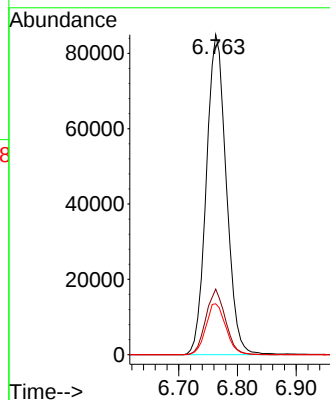
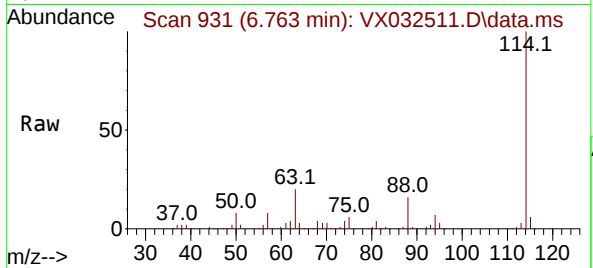




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

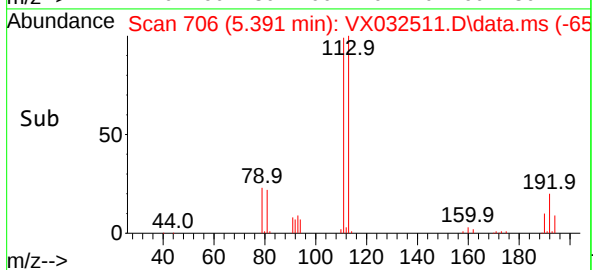
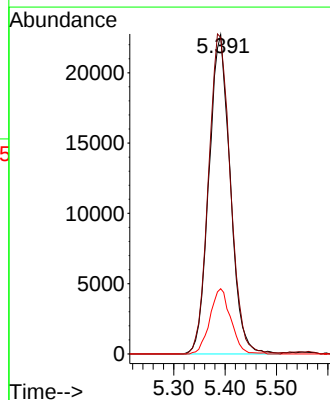
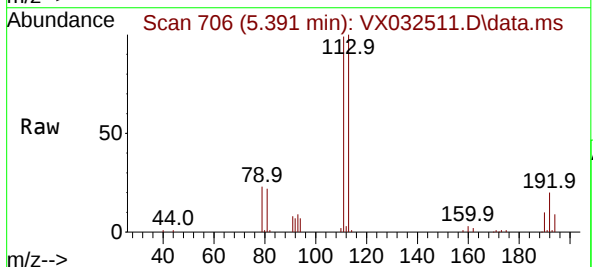
Instrument :
MSVOA_X
ClientSampleId :
551B-3

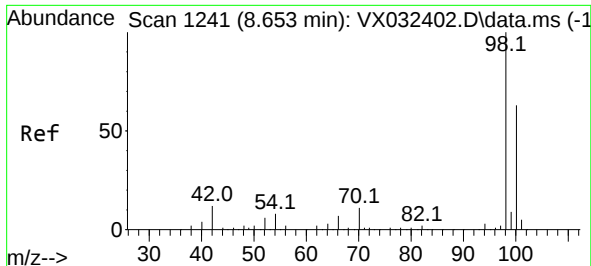
Tgt Ion:114 Resp: 200170
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.739 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

Tgt Ion:113 Resp: 65307
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 20.0 15.4 23.2

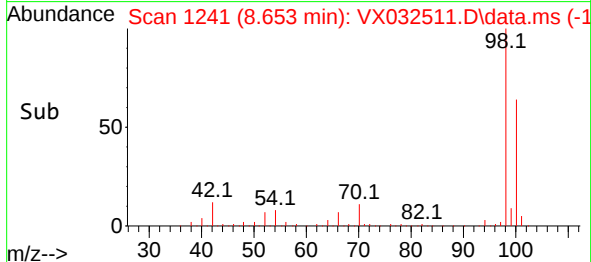
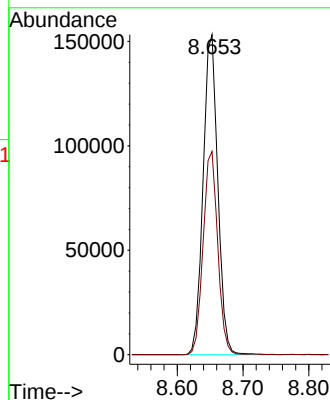
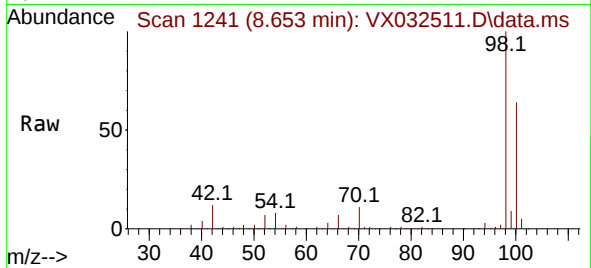




#50
Toluene-d8
Concen: 47.957 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

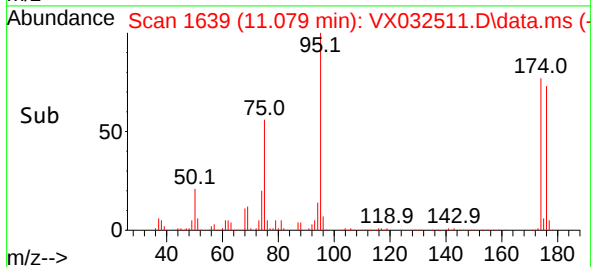
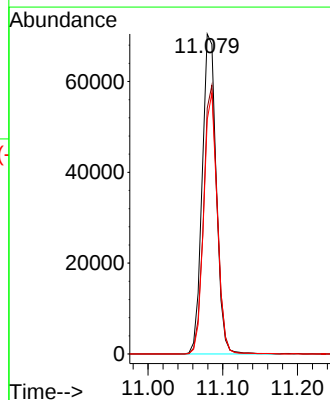
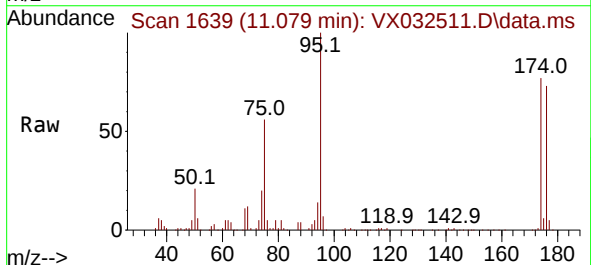
Instrument :
MSVOA_X
ClientSampleId :
551B-3

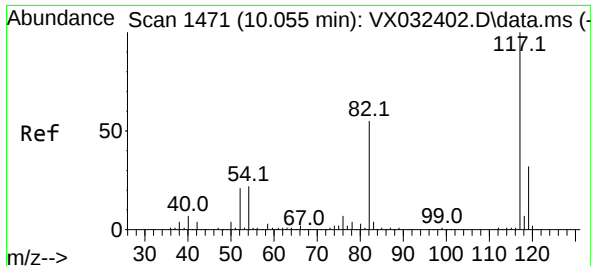
Tgt Ion: 98 Resp: 238099
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

Tgt Ion: 95 Resp: 91944
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 78.9 0.0 154.4

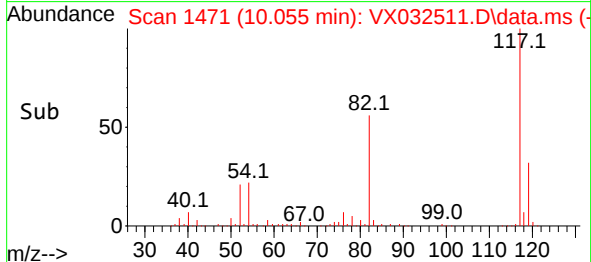
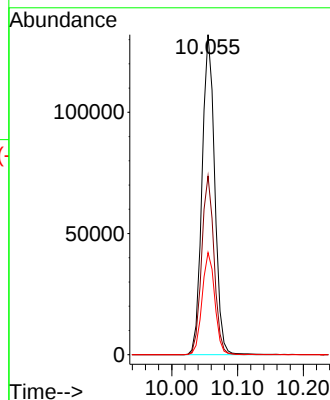
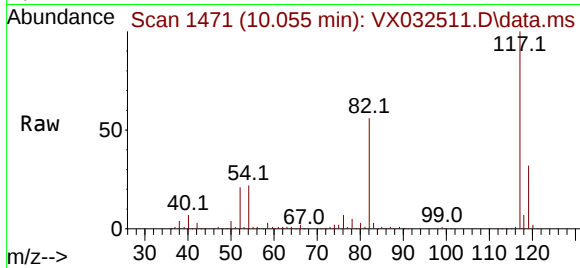




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

Instrument :
MSVOA_X
ClientSampleId :
551B-3

Tgt Ion:117 Resp: 176676
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032511.D
Acq: 01 Nov 2022 14:25

Tgt Ion:152 Resp: 84509
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 155.6 0.0 351.8

