

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045636.D
 Acq On : 08 Apr 2025 08:49
 Operator : JC/MD
 Sample : VX0408MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBL01

Quant Time: Apr 09 01:31:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53495	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67197	54.022	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.040%
35) Dibromofluoromethane	5.379	113	47798	51.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	8.647	98	163706	50.251	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.500%
62) 4-Bromofluorobenzene	11.079	95	61088	51.480	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.960%

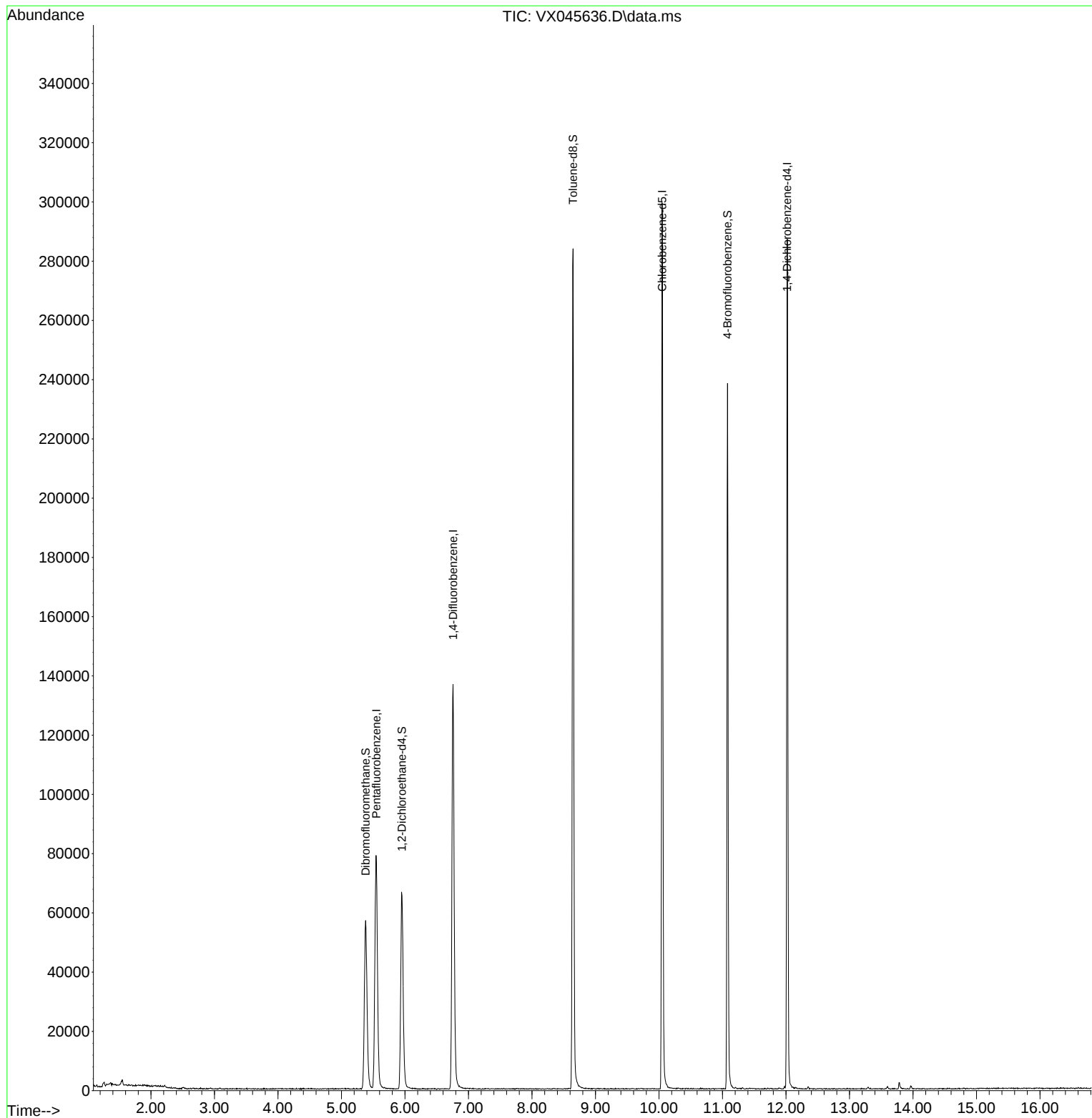
Target Compounds	Qvalue

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

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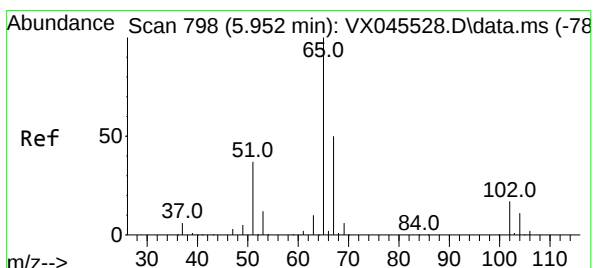
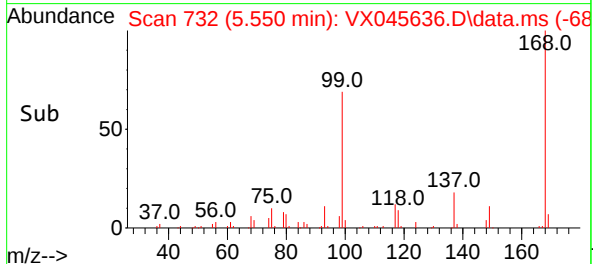
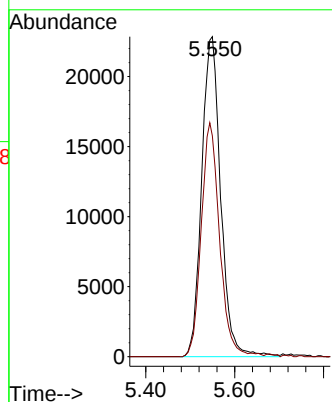
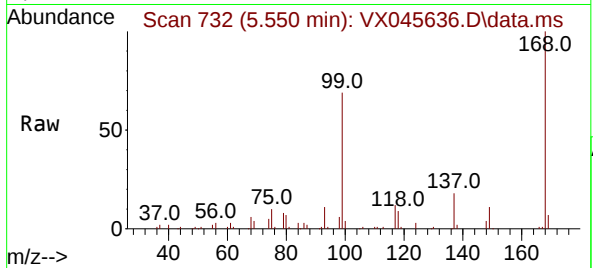




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045636.D
Acq: 08 Apr 2025 08:49

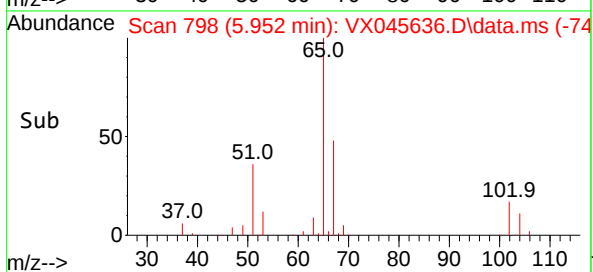
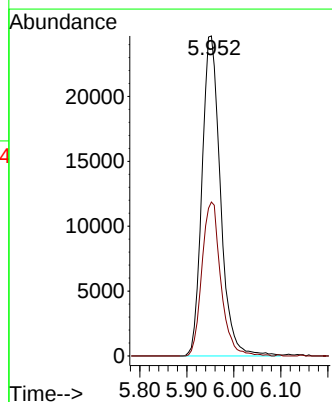
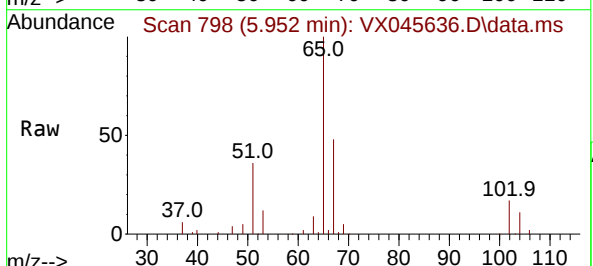
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

Tgt Ion:168 Resp: 68019
Ion Ratio Lower Upper
168 100
99 69.0 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045636.D
Acq: 08 Apr 2025 08:49

Tgt Ion: 65 Resp: 67197
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

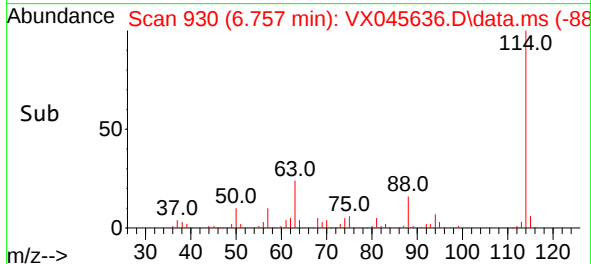
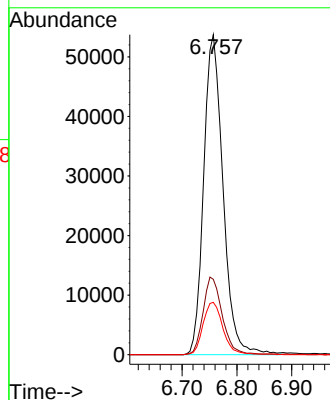
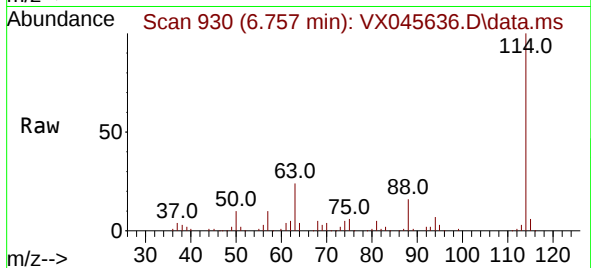




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045636.D
 Acq: 08 Apr 2025 08:49

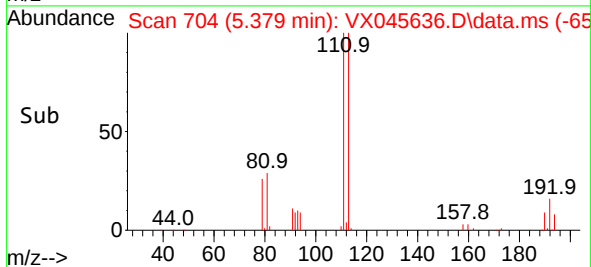
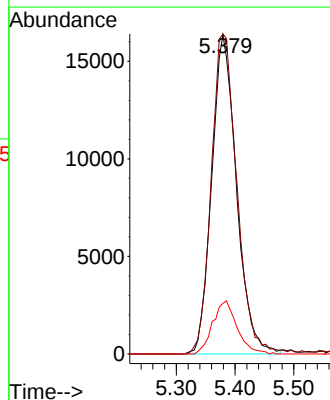
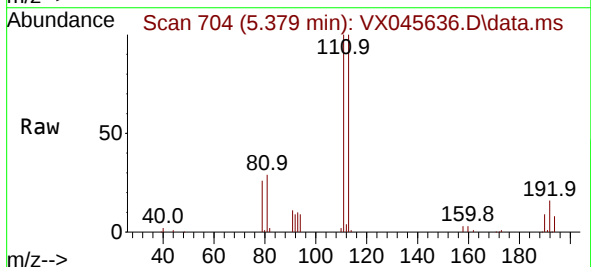
Instrument :
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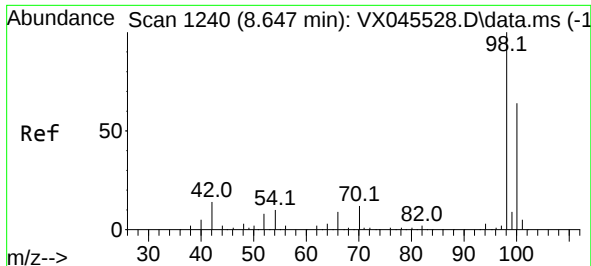
Tgt Ion:114 Resp: 131551
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.8
 88 16.4 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.211 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045636.D
 Acq: 08 Apr 2025 08:49

Tgt Ion:113 Resp: 47798
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.6
 192 16.4 13.8 20.6

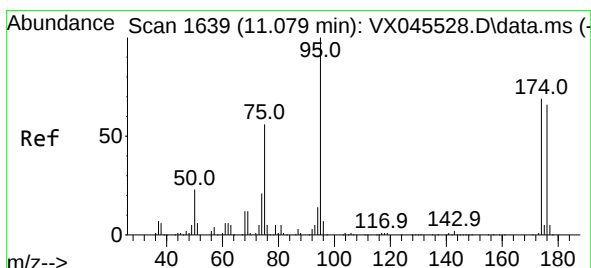
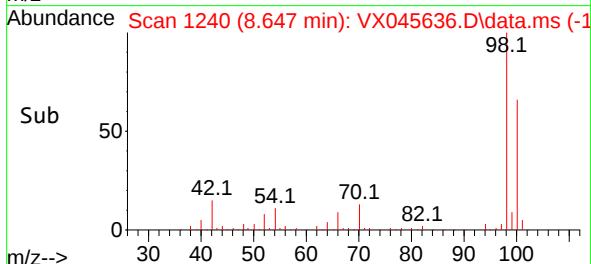
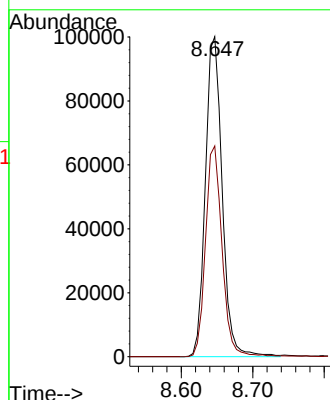
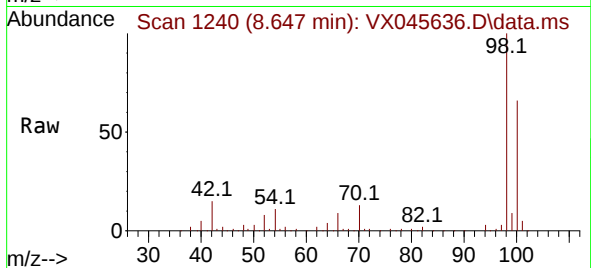




#50
Toluene-d8
Concen: 50.251 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045636.D
Acq: 08 Apr 2025 08:49

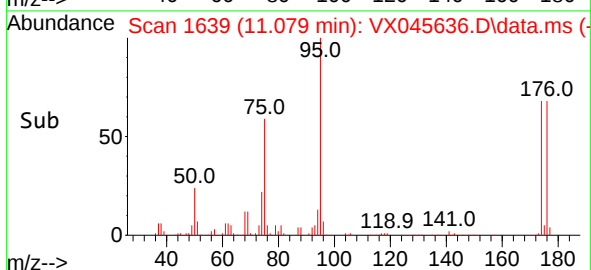
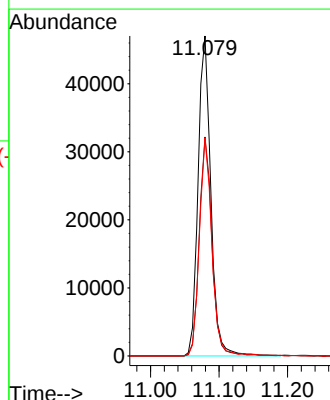
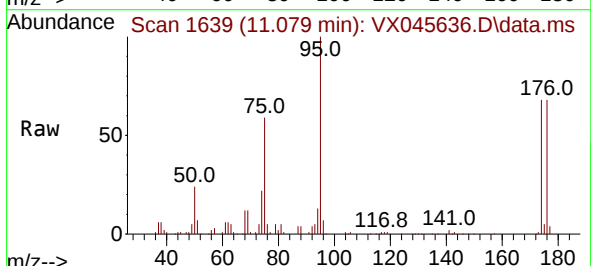
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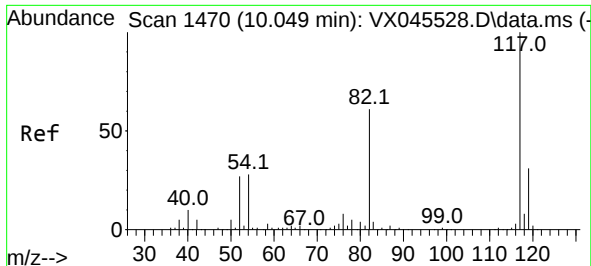
Tgt Ion: 98 Resp: 163706
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045636.D
Acq: 08 Apr 2025 08:49

Tgt Ion: 95 Resp: 61088
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 66.7 0.0 131.4

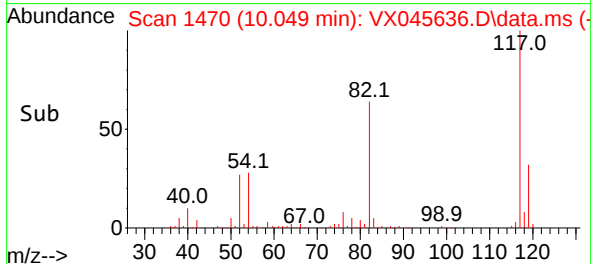
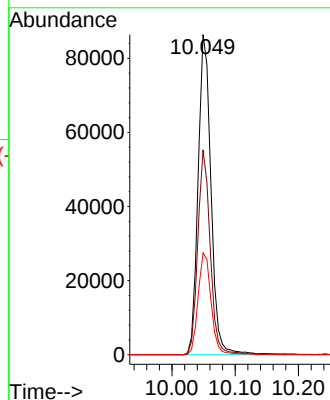
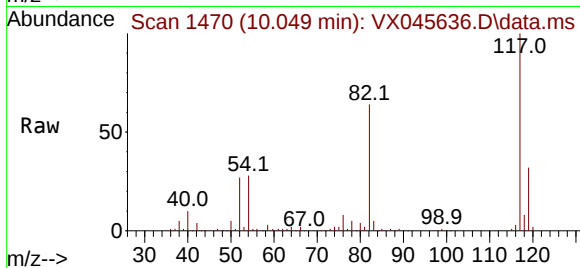




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045636.D
Acq: 08 Apr 2025 08:49

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

Tgt Ion:117 Resp: 122824
Ion Ratio Lower Upper
117 100
82 64.0 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045636.D
Acq: 08 Apr 2025 08:49

Tgt Ion:152 Resp: 53495
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 153.3 0.0 349.4

