

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045829.D
 Acq On : 17 Apr 2025 15:32
 Operator : JC/MD
 Sample : Q1810-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MOO-25-0118

Quant Time: Apr 18 03:40:14 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	70667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67951	52.581	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.160%
35) Dibromofluoromethane	5.379	113	48060	49.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	8.647	98	171494	51.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.200%
62) 4-Bromofluorobenzene	11.079	95	66342	54.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.540%

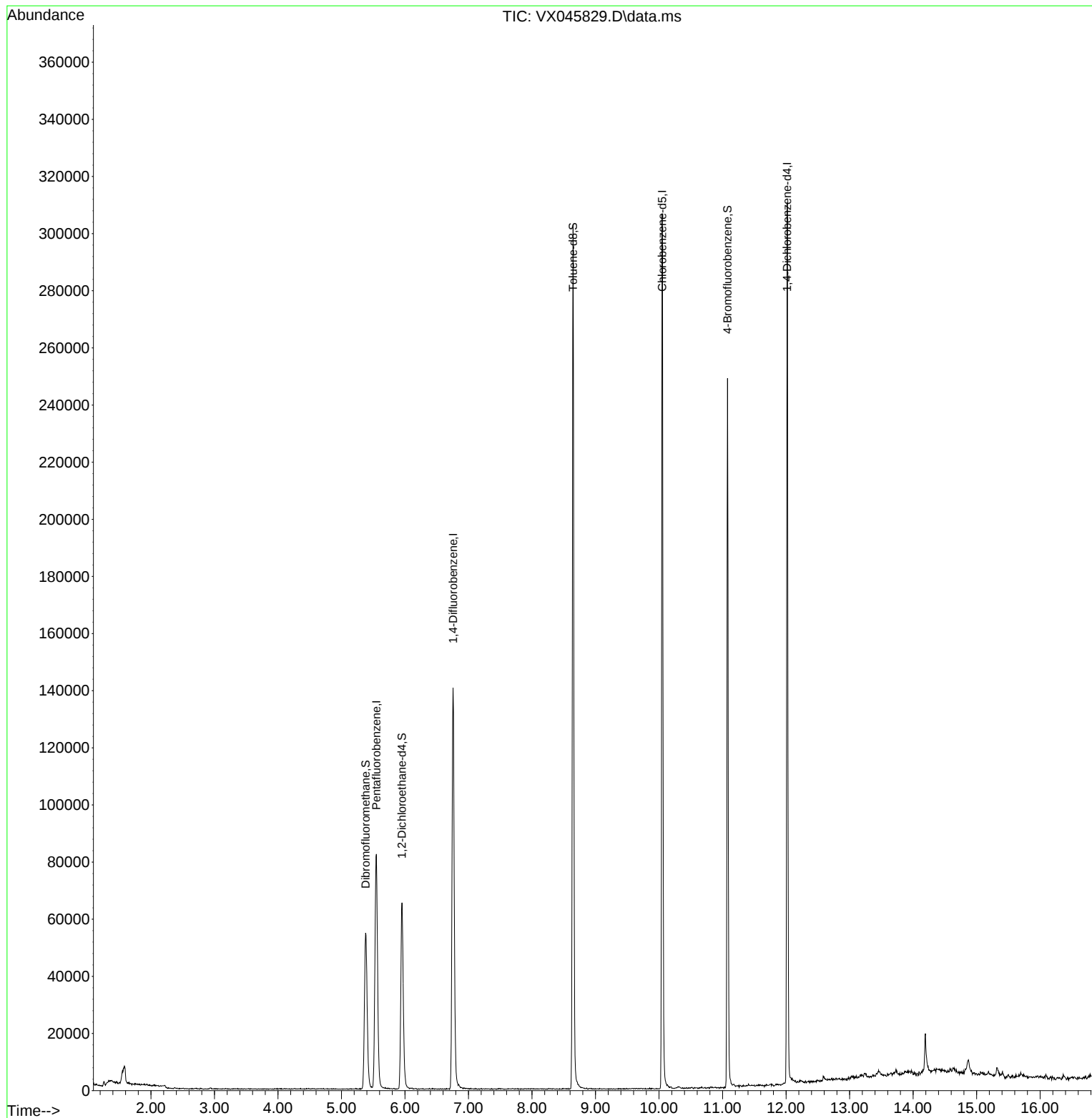
Target Compounds	Qvalue

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

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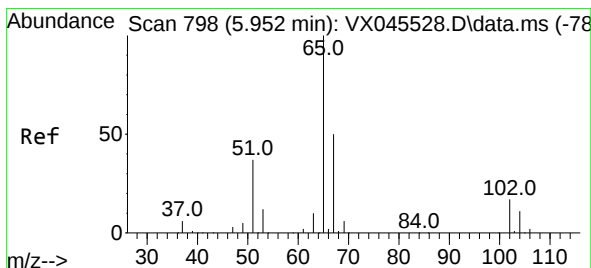
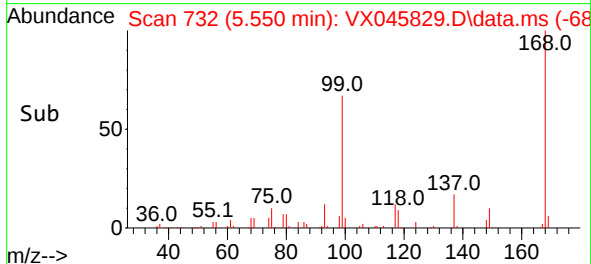
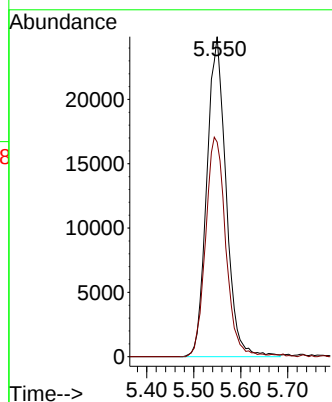
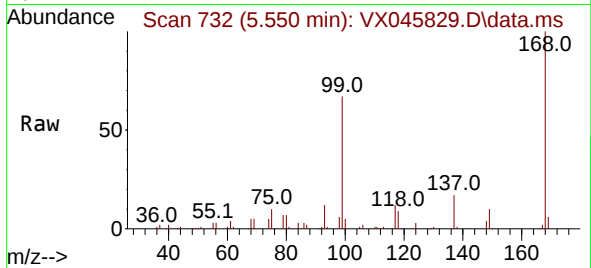




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

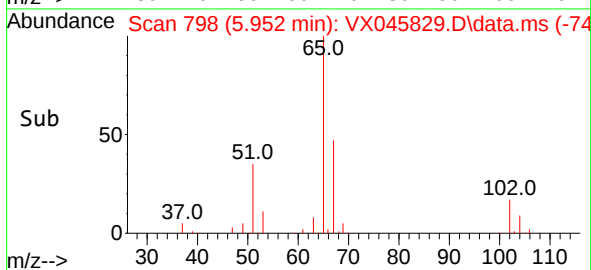
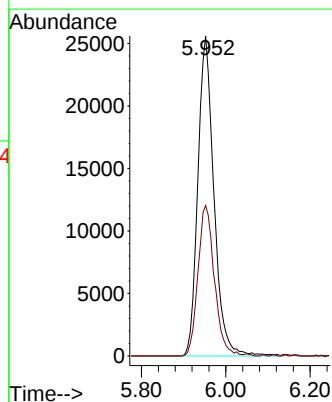
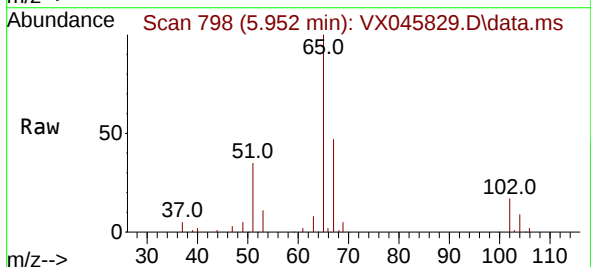
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0118

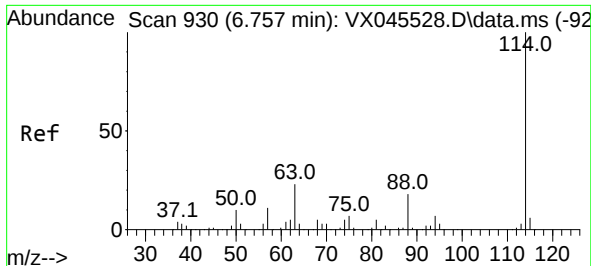
Tgt Ion:168 Resp: 70667
Ion Ratio Lower Upper
168 100
99 67.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.581 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

Tgt Ion: 65 Resp: 67951
Ion Ratio Lower Upper
65 100
67 48.0 0.0 99.0

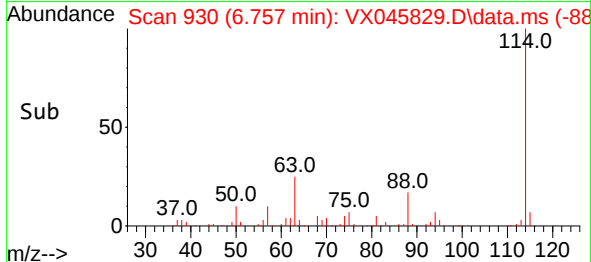
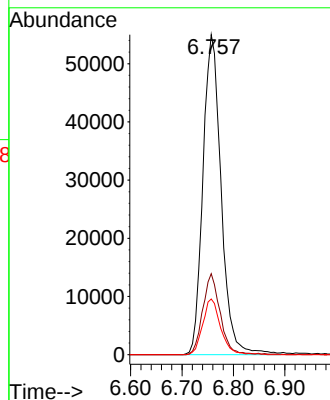
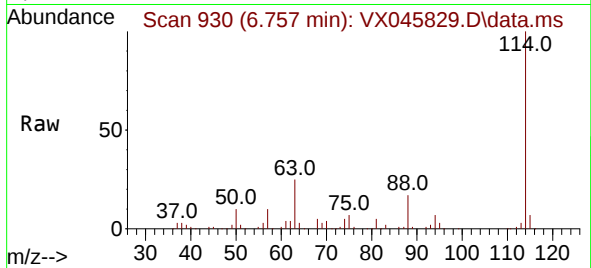




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

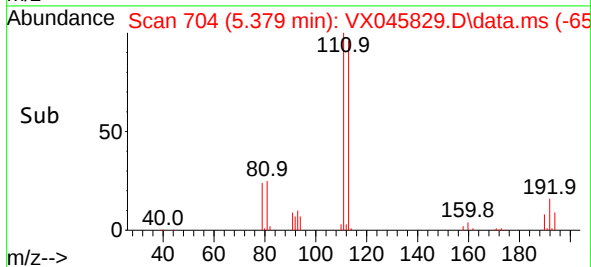
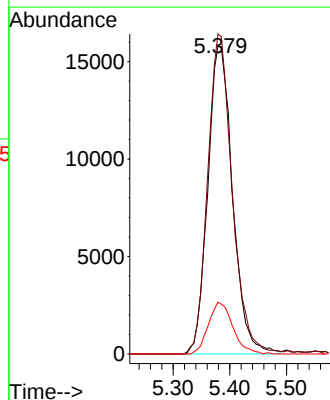
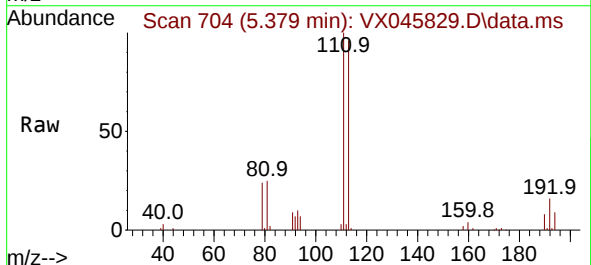
Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0118

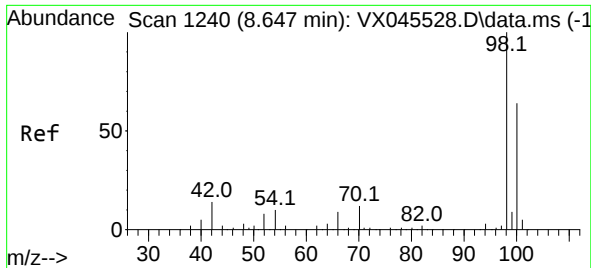
Tgt Ion:114 Resp: 135507
Ion Ratio Lower Upper
114 100
63 25.3 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.988 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

Tgt Ion:113 Resp: 48060
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.5 13.8 20.6

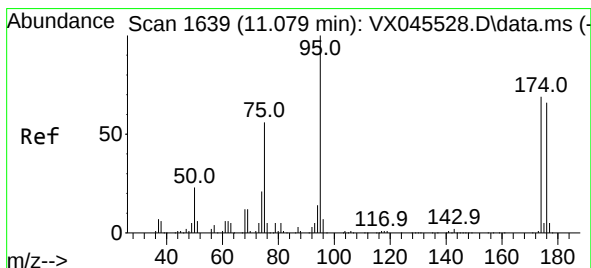
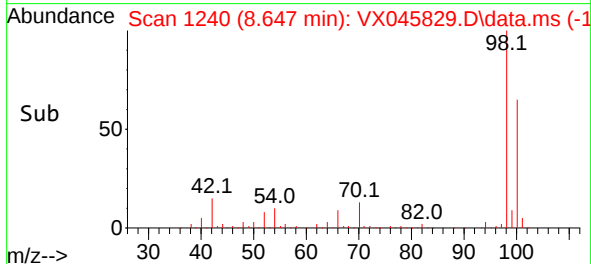
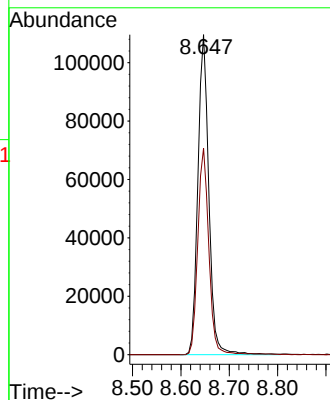
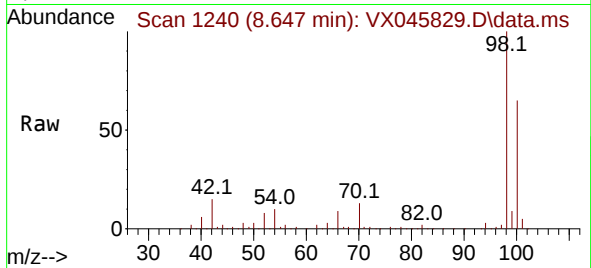




#50
Toluene-d8
Concen: 51.105 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

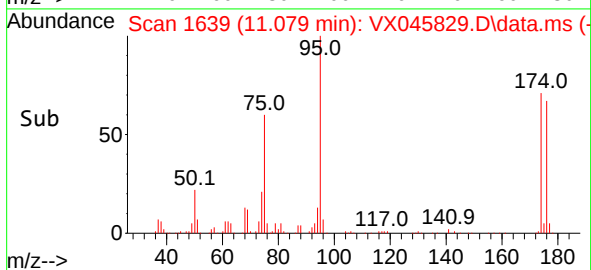
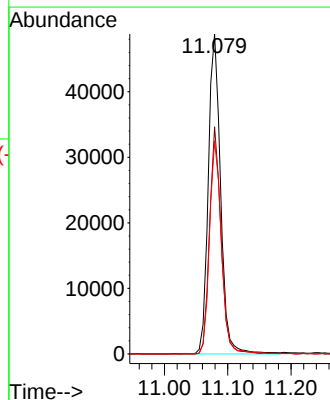
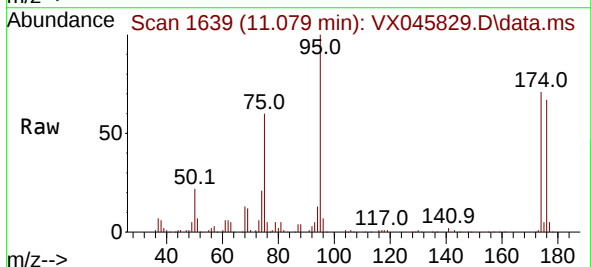
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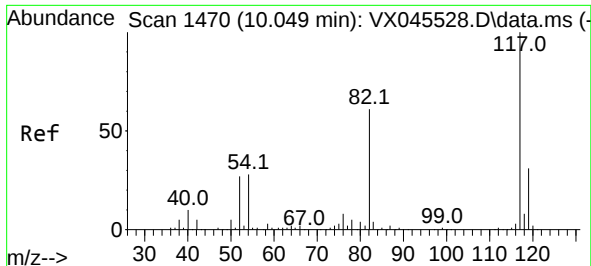
Tgt Ion: 98 Resp: 171494
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.275 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

Tgt Ion: 95 Resp: 66342
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 64.5 0.0 131.4

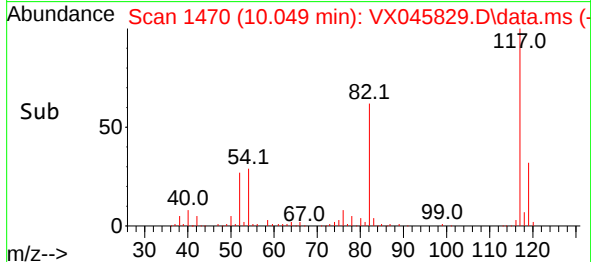
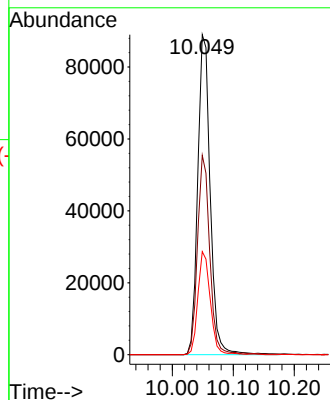
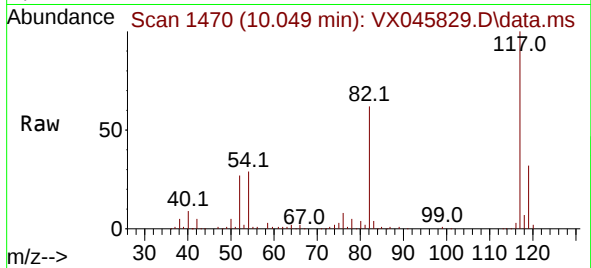




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045829.D
Acq: 17 Apr 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
MOO-25-0118

Tgt Ion:117 Resp: 126596
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 32.2 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: VX045829.D
Acq: 17 Apr 2025 15:32

Tgt Ion:152 Resp: 55690
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 156.4 0.0 349.4

