

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046435.D
 Acq On : 02 Jun 2025 11:14
 Operator : JC/MD
 Sample : VX0602WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBL01

Quant Time: Jun 03 01:26:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	66983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67353	53.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.880%
35) Dibromofluoromethane	5.379	113	48903	51.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	8.647	98	166762	50.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.720%
62) 4-Bromofluorobenzene	11.079	95	63842	50.756	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.520%

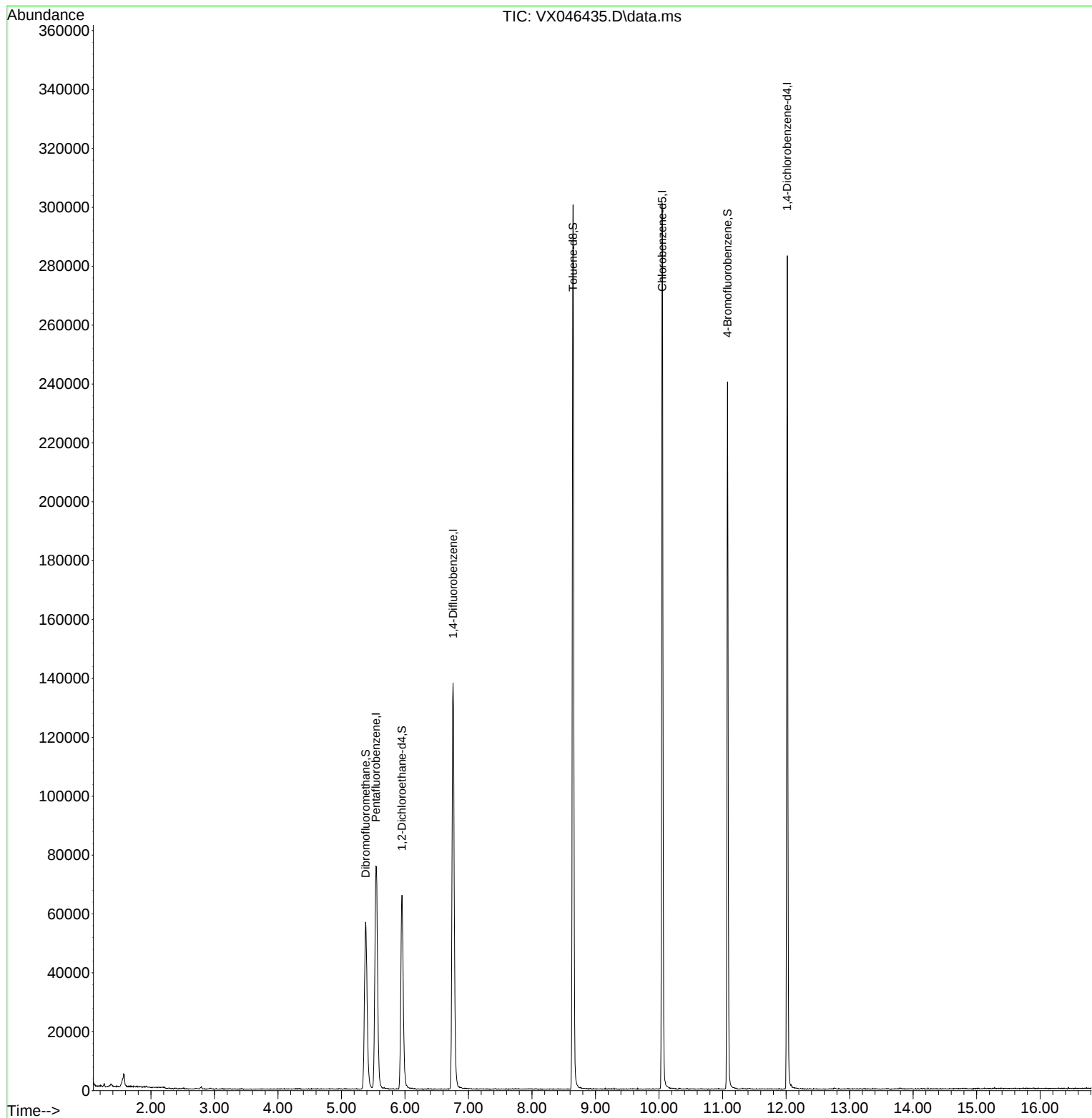
Target Compounds	Qvalue

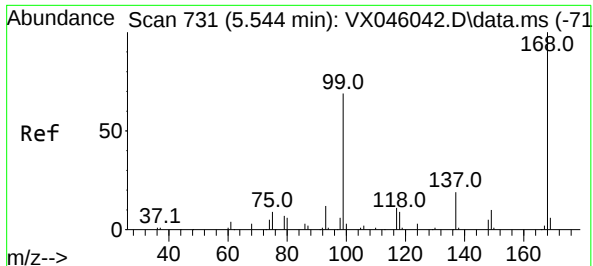
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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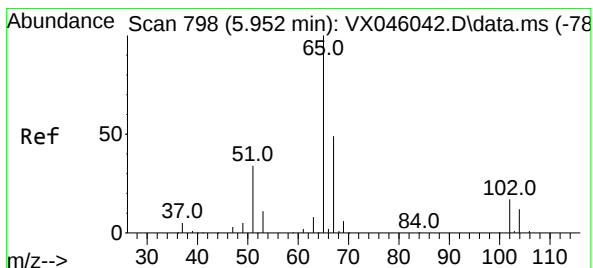
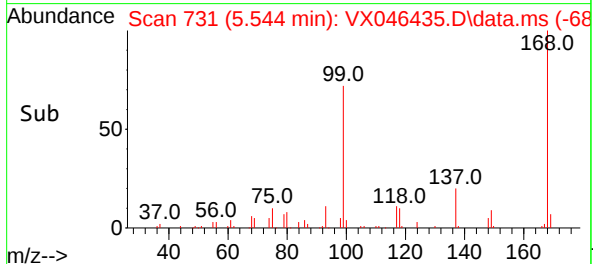
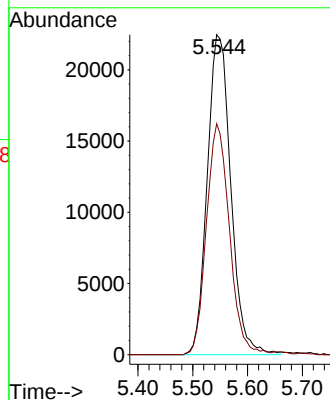
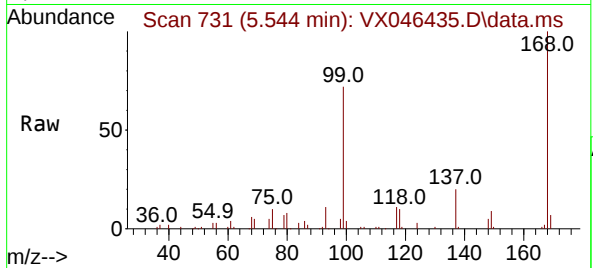




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

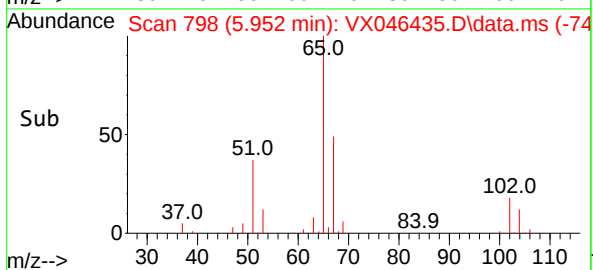
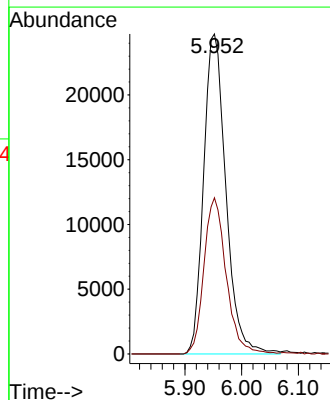
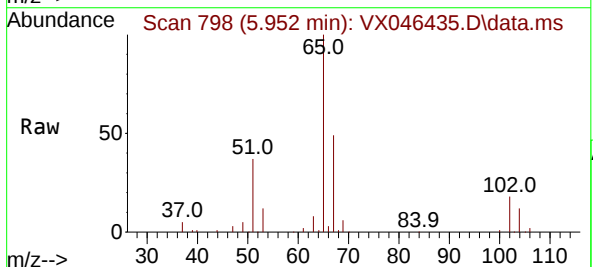
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

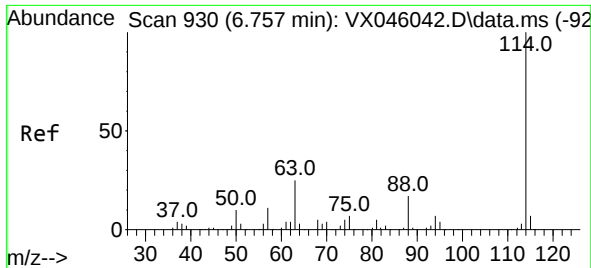
Tgt Ion:168 Resp: 66983
Ion Ratio Lower Upper
168 100
99 72.2 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.935 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

Tgt Ion: 65 Resp: 67353
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

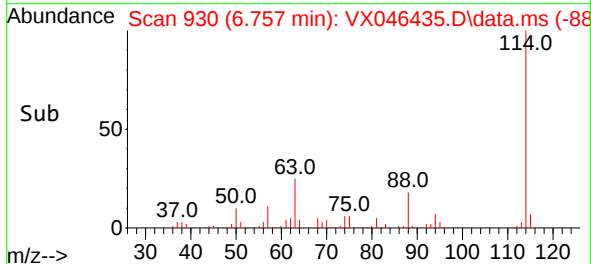
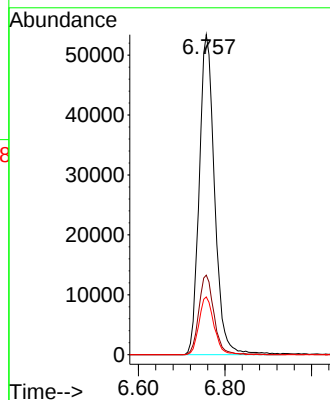
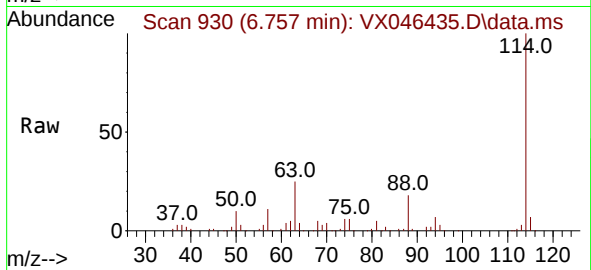




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

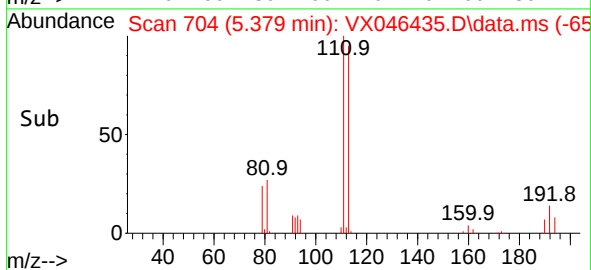
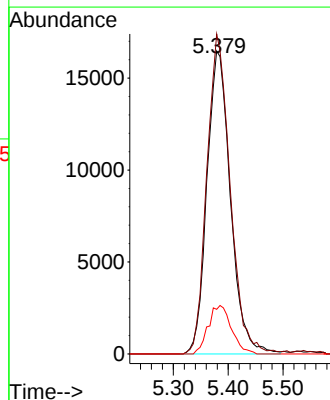
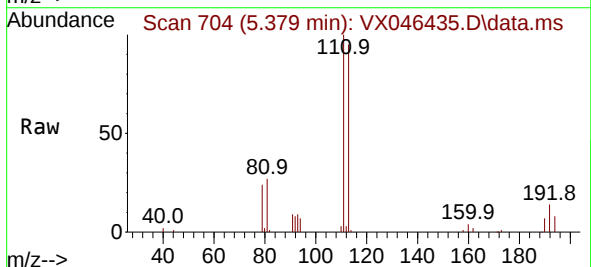
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

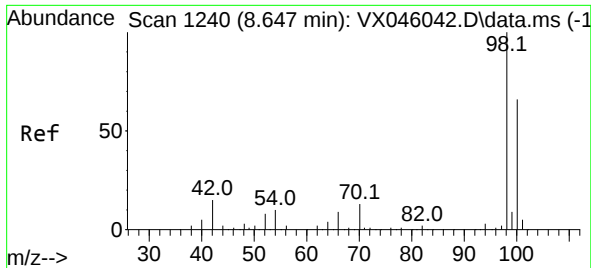
Tgt Ion:	114	Resp:	131566
Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	49.2
88	18.0	0.0	33.6



#35
Dibromofluoromethane
Concen: 51.617 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

Tgt Ion:	113	Resp:	48903
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	15.9	13.3	19.9

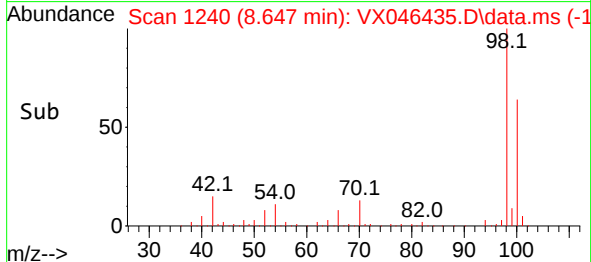
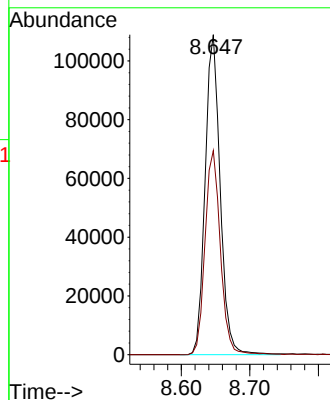
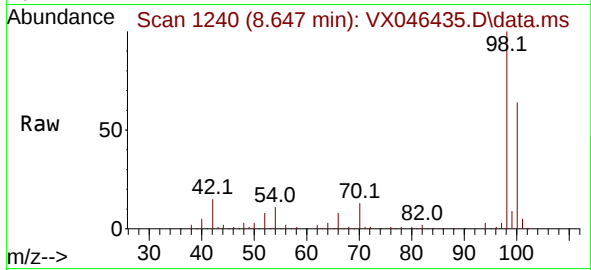




#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

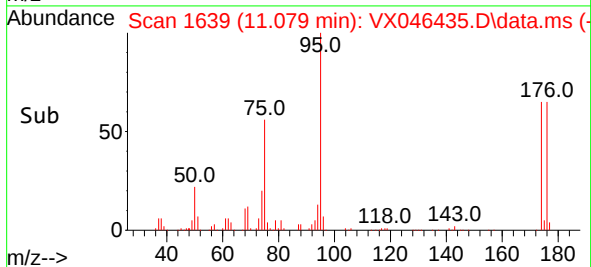
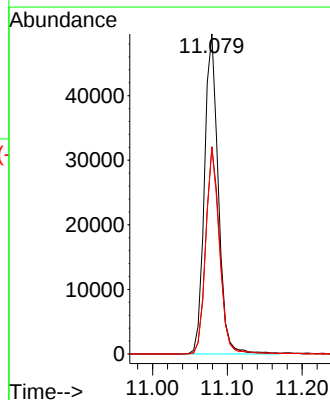
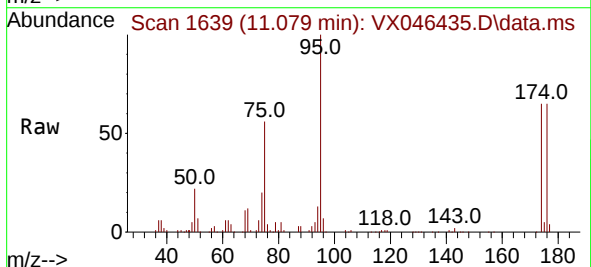
Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

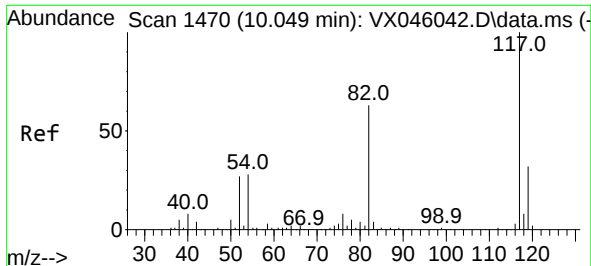
Tgt Ion: 98 Resp: 166762
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

Tgt Ion: 95 Resp: 63842
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.8
176 63.5 0.0 131.4

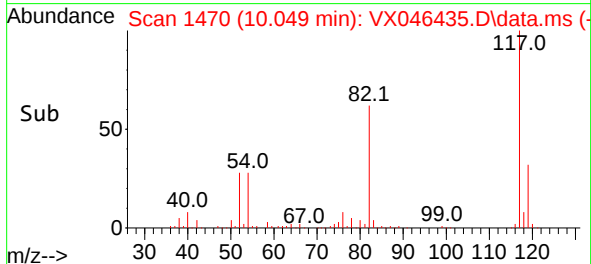
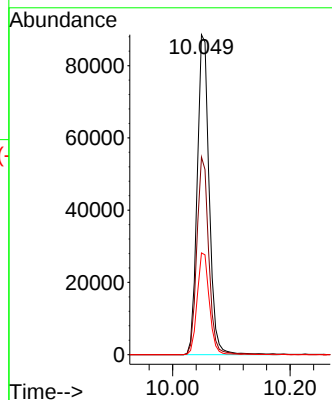
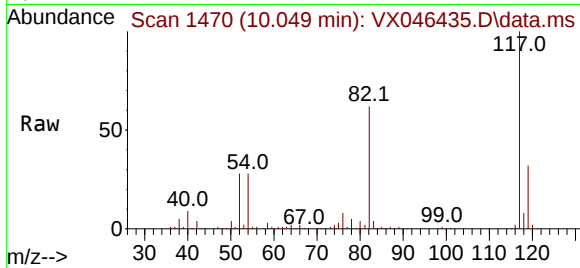




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0602WBL01

Tgt Ion:117 Resp: 125222
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046435.D
Acq: 02 Jun 2025 11:14

Tgt Ion:152 Resp: 51823
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 158.1 0.0 351.0

