

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046444.D
 Acq On : 02 Jun 2025 14:47
 Operator : JC/MD
 Sample : Q2177-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05312025

Quant Time: Jun 03 01:30:41 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	60024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62292	55.666	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.340%
35) Dibromofluoromethane	5.379	113	45512	51.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.320%
50) Toluene-d8	8.647	98	152857	50.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	60133	51.416	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.840%

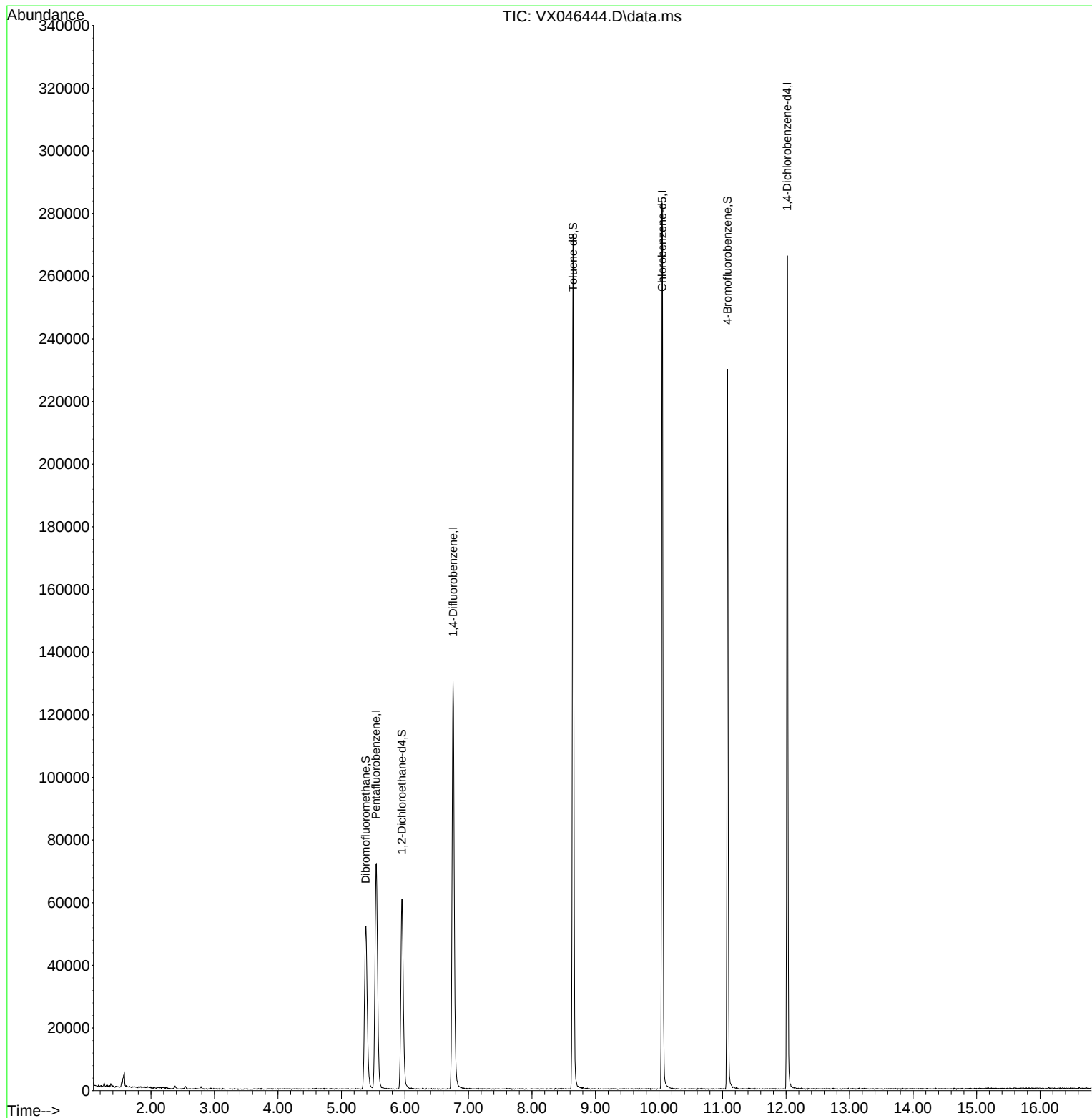
Target Compounds	Qvalue

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

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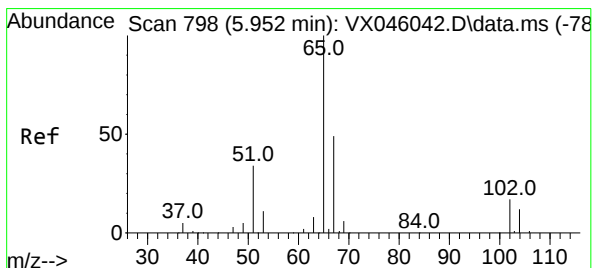
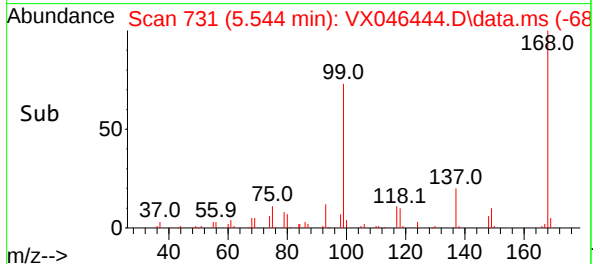
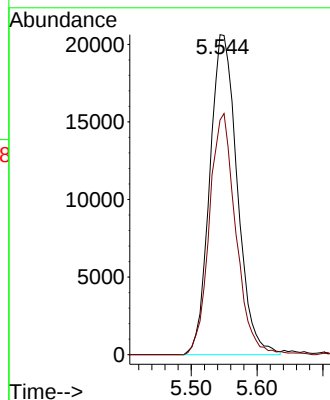
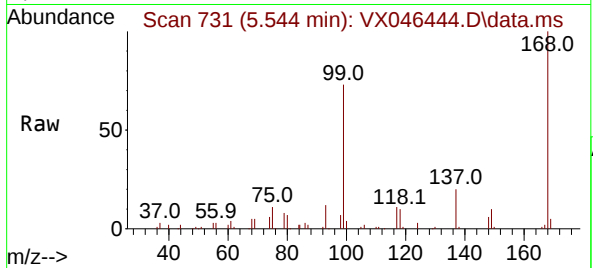




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

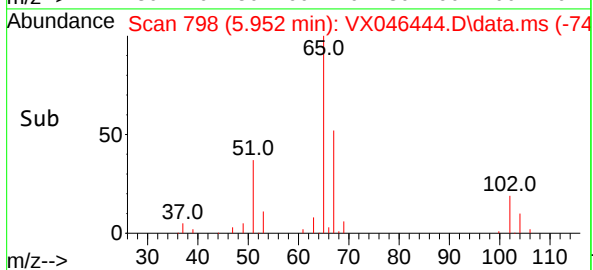
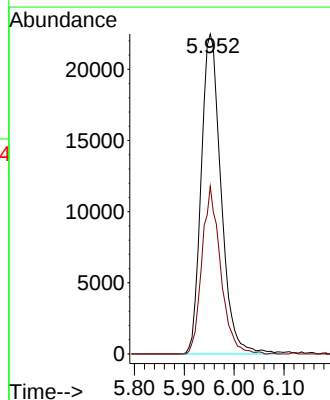
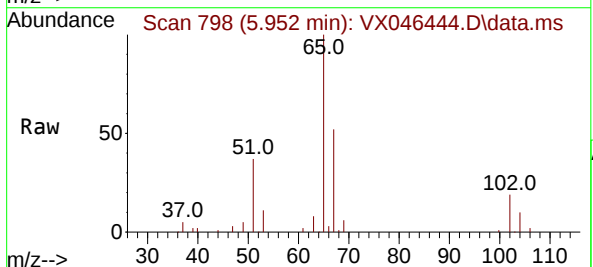
Instrument :
MSVOA_X
ClientSampleId :
TB05312025

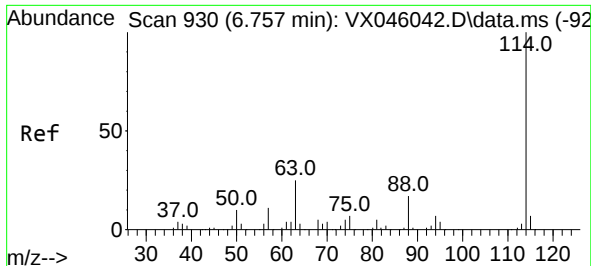
Tgt Ion:168 Resp: 60024
Ion Ratio Lower Upper
168 100
99 73.3 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 55.666 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion: 65 Resp: 62292
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

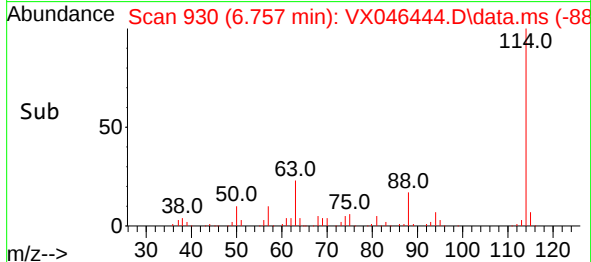
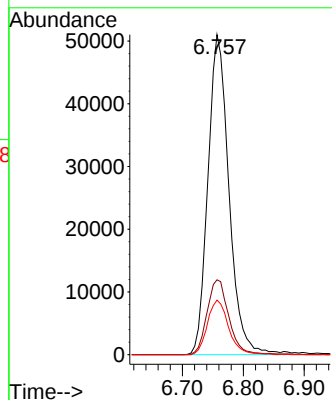
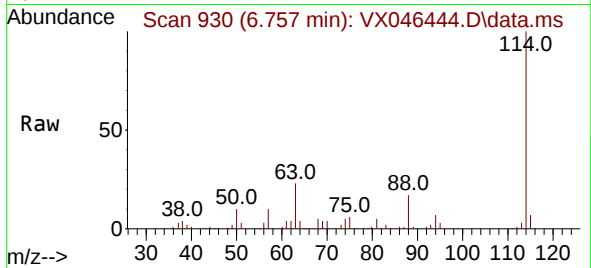




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

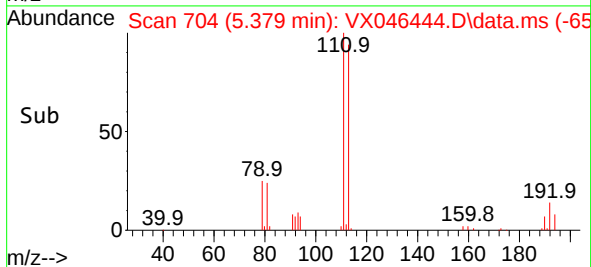
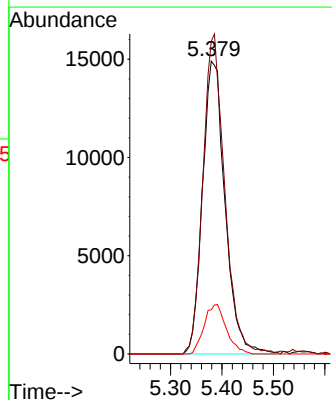
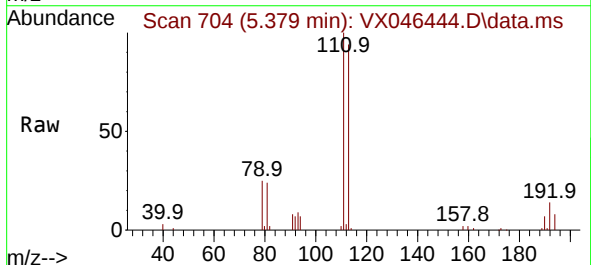
Instrument :
MSVOA_X
ClientSampleId :
TB05312025

Tgt Ion:114 Resp: 122332
Ion Ratio Lower Upper
114 100
63 23.4 0.0 49.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.664 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion:113 Resp: 45512
Ion Ratio Lower Upper
113 100
111 104.9 83.1 124.7
192 16.6 13.3 19.9





#50

Toluene-d8

Concen: 50.134 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046444.D

Acq: 02 Jun 2025 14:47

Instrument :

MSVOA_X

ClientSampleId :

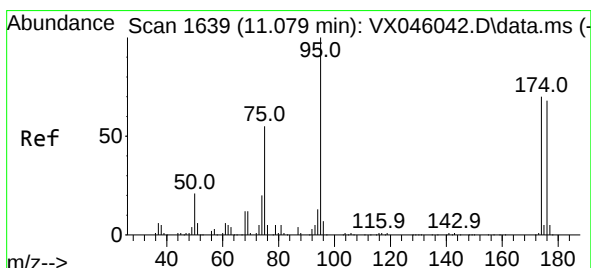
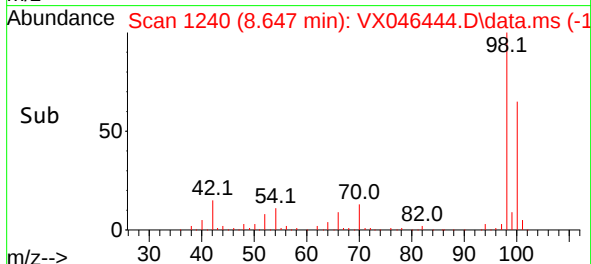
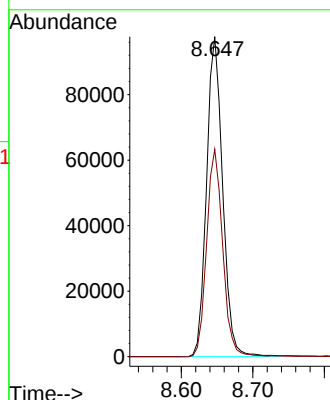
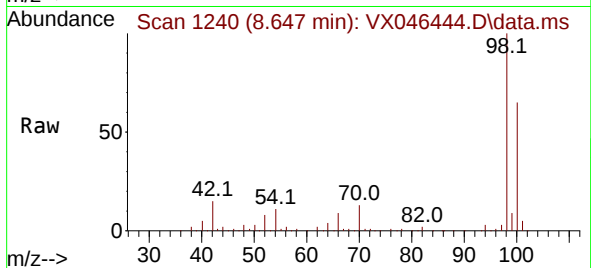
TB05312025

Tgt Ion: 98 Resp: 152857

Ion Ratio Lower Upper

98 100

100 64.5 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.416 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046444.D

Acq: 02 Jun 2025 14:47

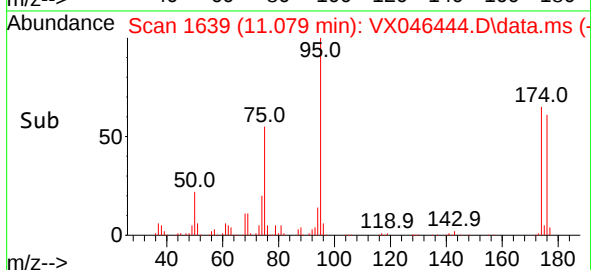
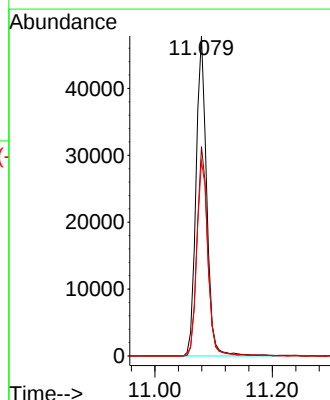
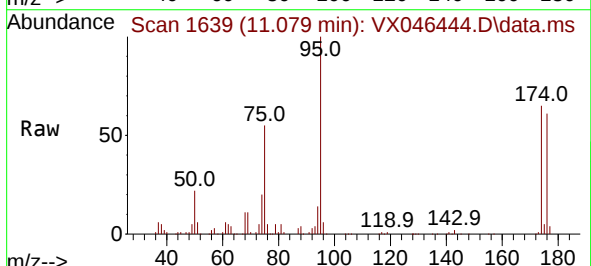
Tgt Ion: 95 Resp: 60133

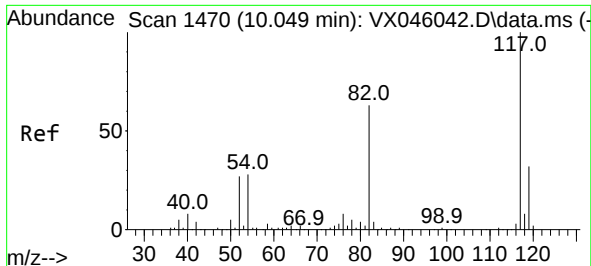
Ion Ratio Lower Upper

95 100

174 66.0 0.0 135.8

176 63.7 0.0 131.4

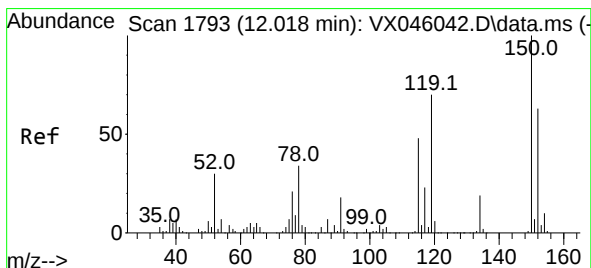
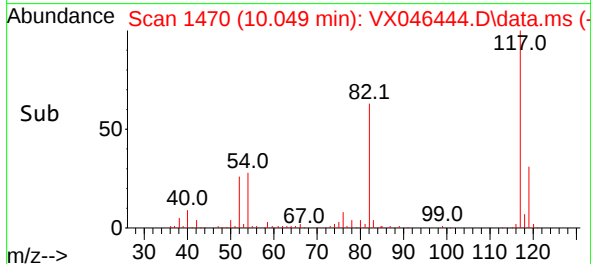
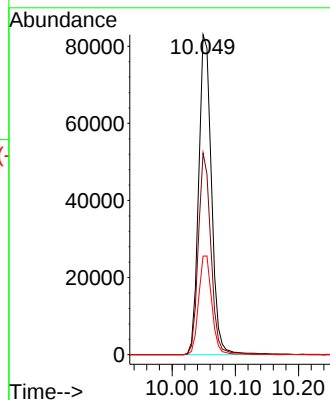
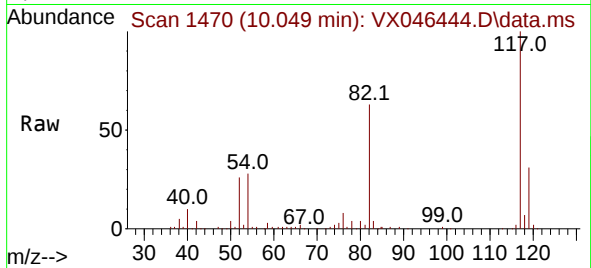




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046444.D
Acq: 02 Jun 2025 14:47

Instrument :
MSVOA_X
ClientSampleId :
TB05312025

Tgt Ion:117 Resp: 117285
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 30.8 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: VX046444.D
Acq: 02 Jun 2025 14:47

Tgt Ion:152 Resp: 49224
Ion Ratio Lower Upper
152 100
115 65.5 46.9 140.7
150 157.2 0.0 351.0

