

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046489.D
 Acq On : 04 Jun 2025 10:40
 Operator : JC/MD
 Sample : VX0604MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604MBL01

Quant Time: Jun 05 01:37:54 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	69339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	136541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65100	50.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.720%
35) Dibromofluoromethane	5.379	113	48979	49.814	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.647	98	174477	51.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.540%
62) 4-Bromofluorobenzene	11.079	95	70377	53.913	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.820%

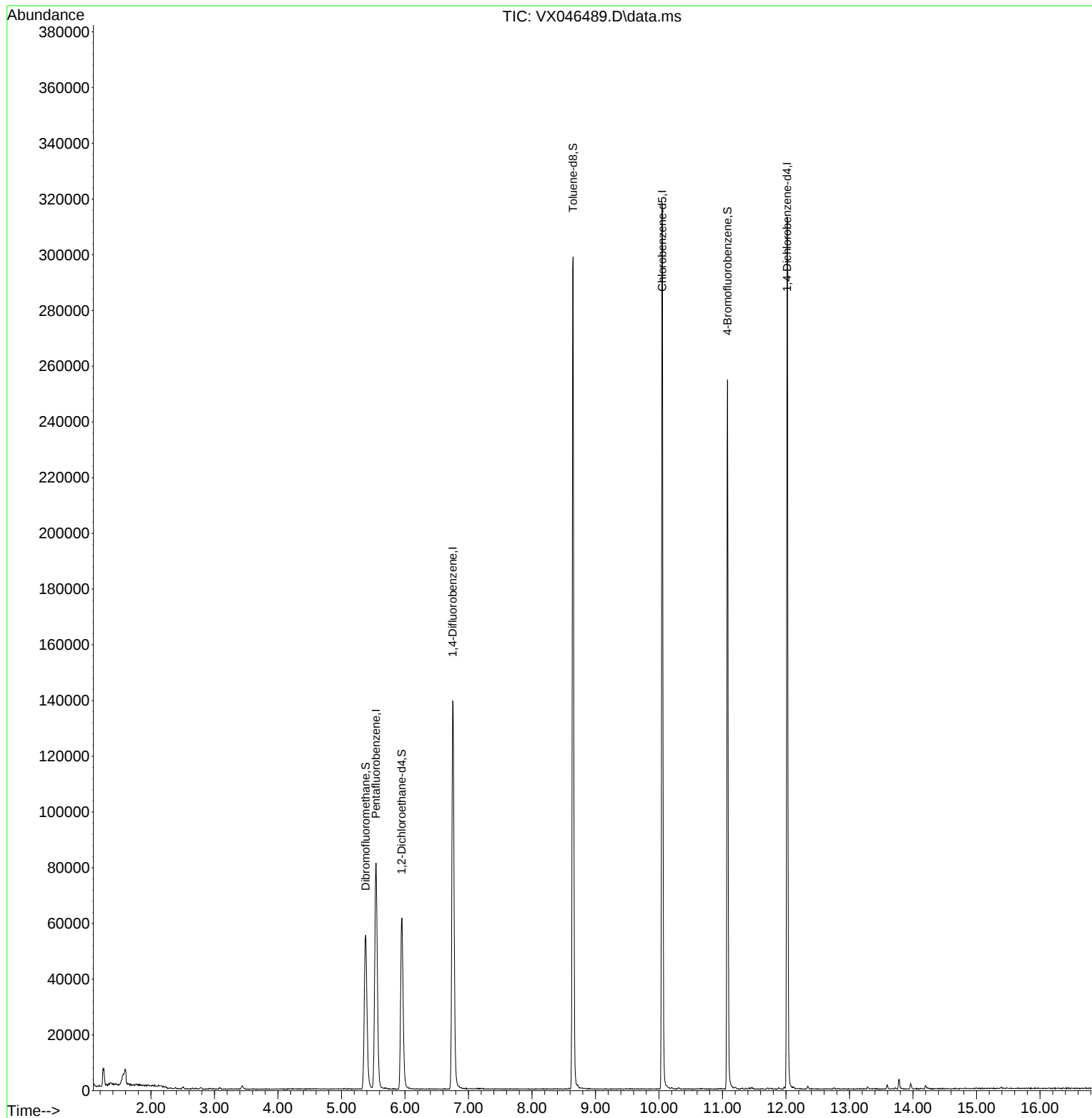
Target Compounds	Qvalue

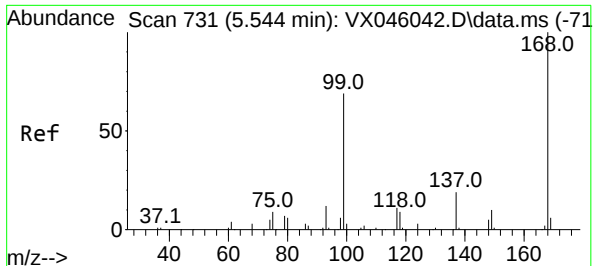
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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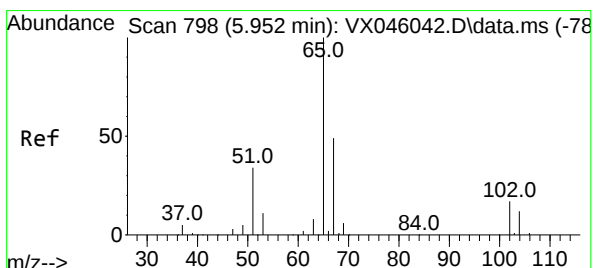
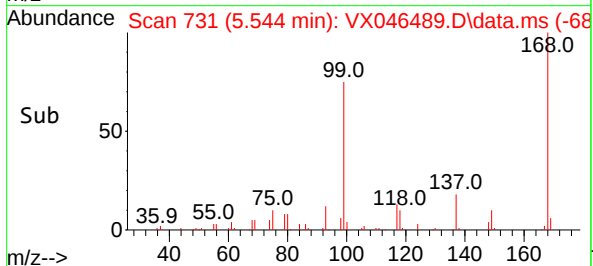
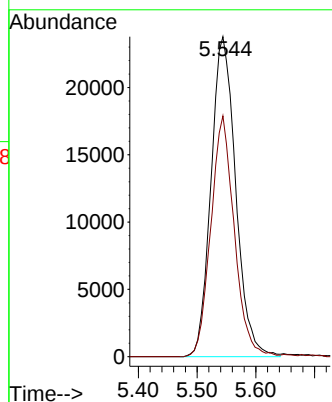
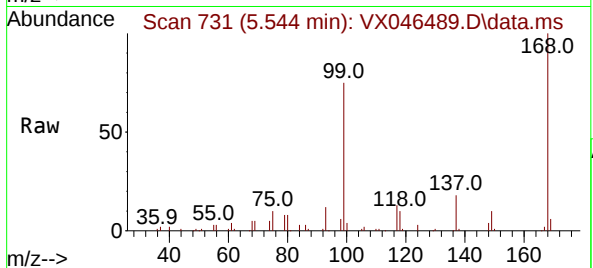




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

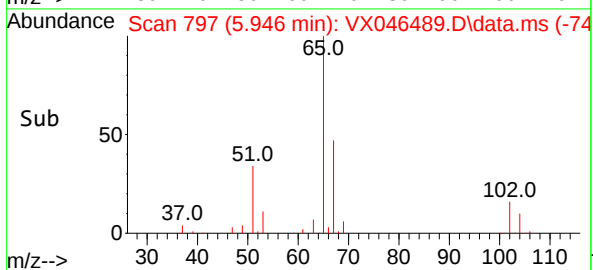
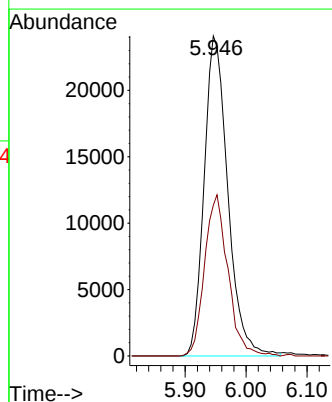
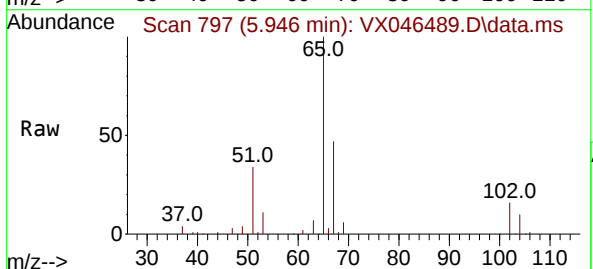
Instrument :
MSVOA_X
ClientSampleId :
VX0604MBL01

Tgt Ion:168 Resp: 69339
Ion Ratio Lower Upper
168 100
99 75.2 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 50.360 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

Tgt Ion: 65 Resp: 65100
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

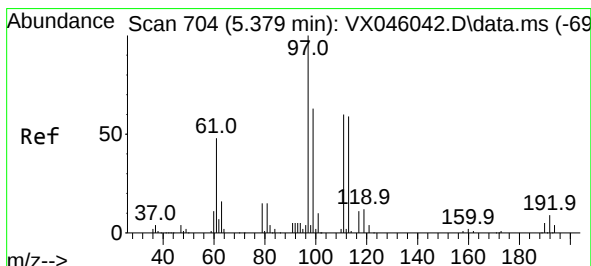
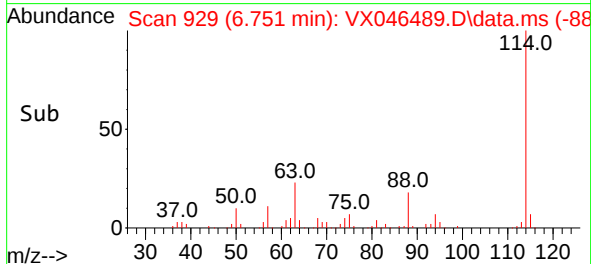
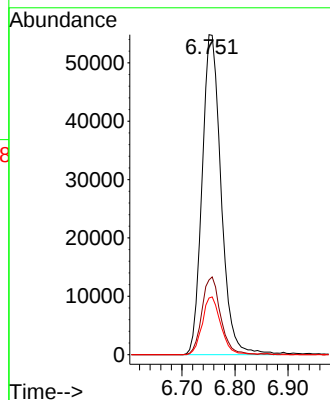
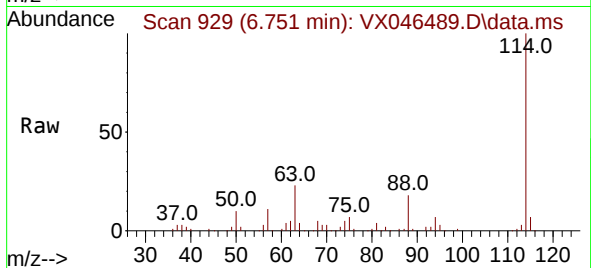




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

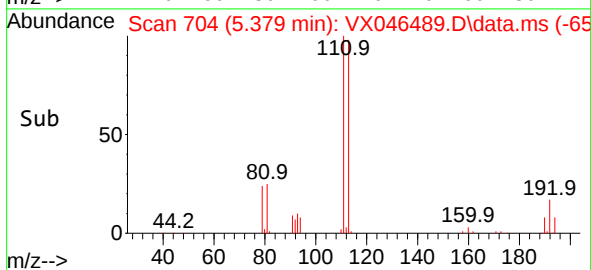
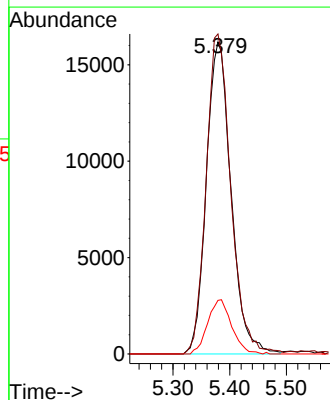
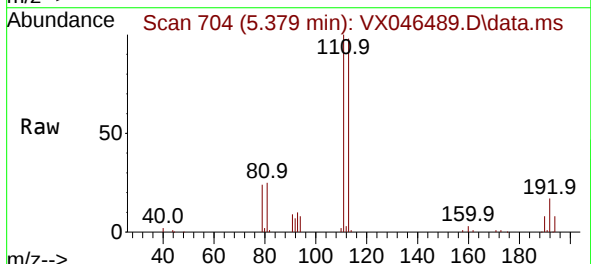
Instrument :
MSVOA_X
ClientSampleId :
VX0604MBL01

Tgt Ion:114 Resp: 136541
Ion Ratio Lower Upper
114 100
63 23.4 0.0 49.2
88 17.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.814 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

Tgt Ion:113 Resp: 48979
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.9 13.3 19.9

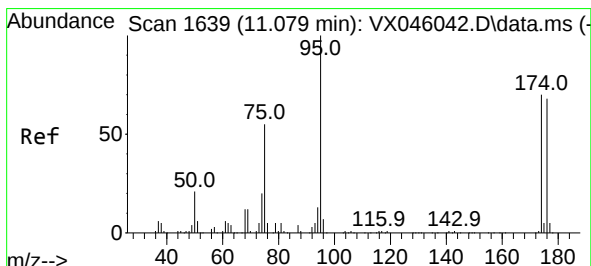
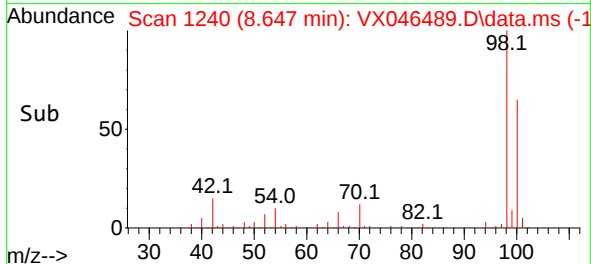
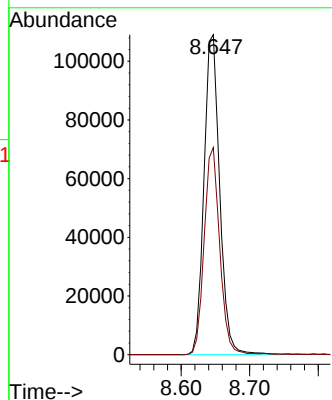
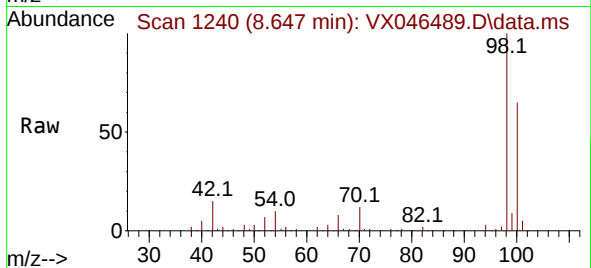




#50
Toluene-d8
Concen: 51.270 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

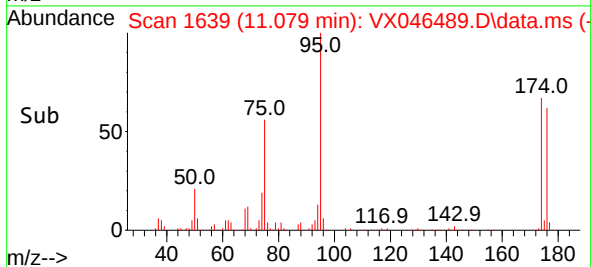
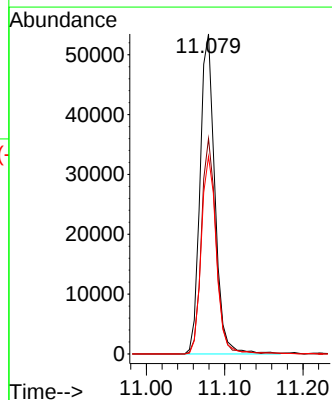
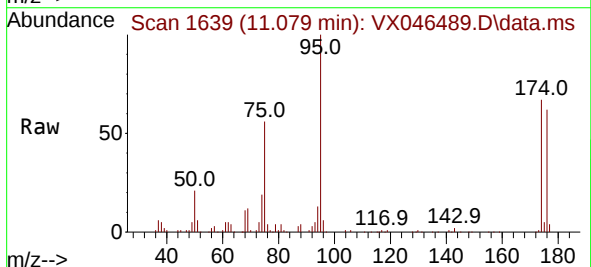
Instrument :
MSVOA_X
ClientSampleId :
VX0604MBL01

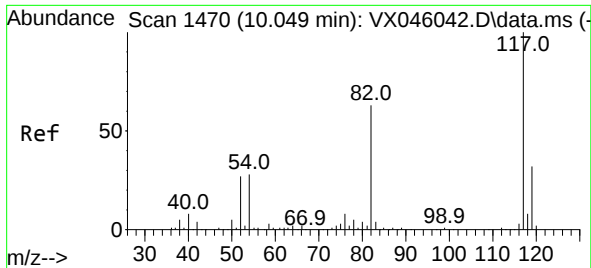
Tgt Ion: 98 Resp: 174477
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

Tgt Ion: 95 Resp: 70377
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.2 0.0 131.4

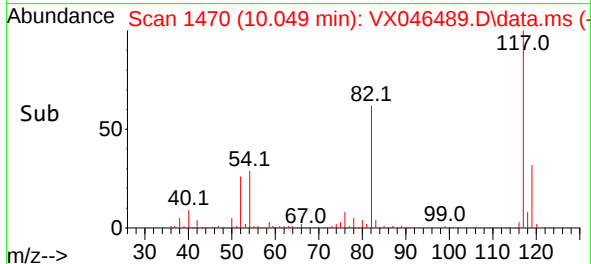
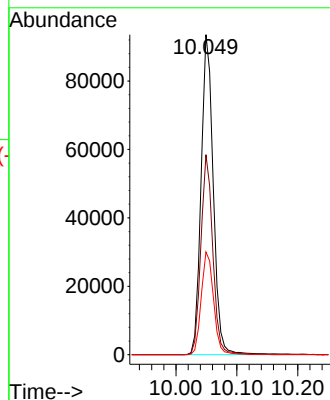
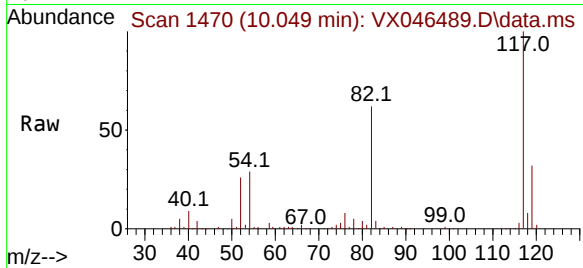




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046489.D
Acq: 04 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX0604MBL01

Tgt Ion:117 Resp: 130145
Ion Ratio Lower Upper
117 100
82 62.5 50.6 76.0
119 32.1 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: VX046489.D
Acq: 04 Jun 2025 10:40

Tgt Ion:152 Resp: 58920
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 157.9 0.0 351.0

