

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046406.D
 Acq On : 29 May 2025 17:53
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 30 01:34:38 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	63183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62752	53.273	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.540%
35) Dibromofluoromethane	5.385	113	46023	51.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	8.647	98	159307	51.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.220%
62) 4-Bromofluorobenzene	11.079	95	63982	53.519	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.040%

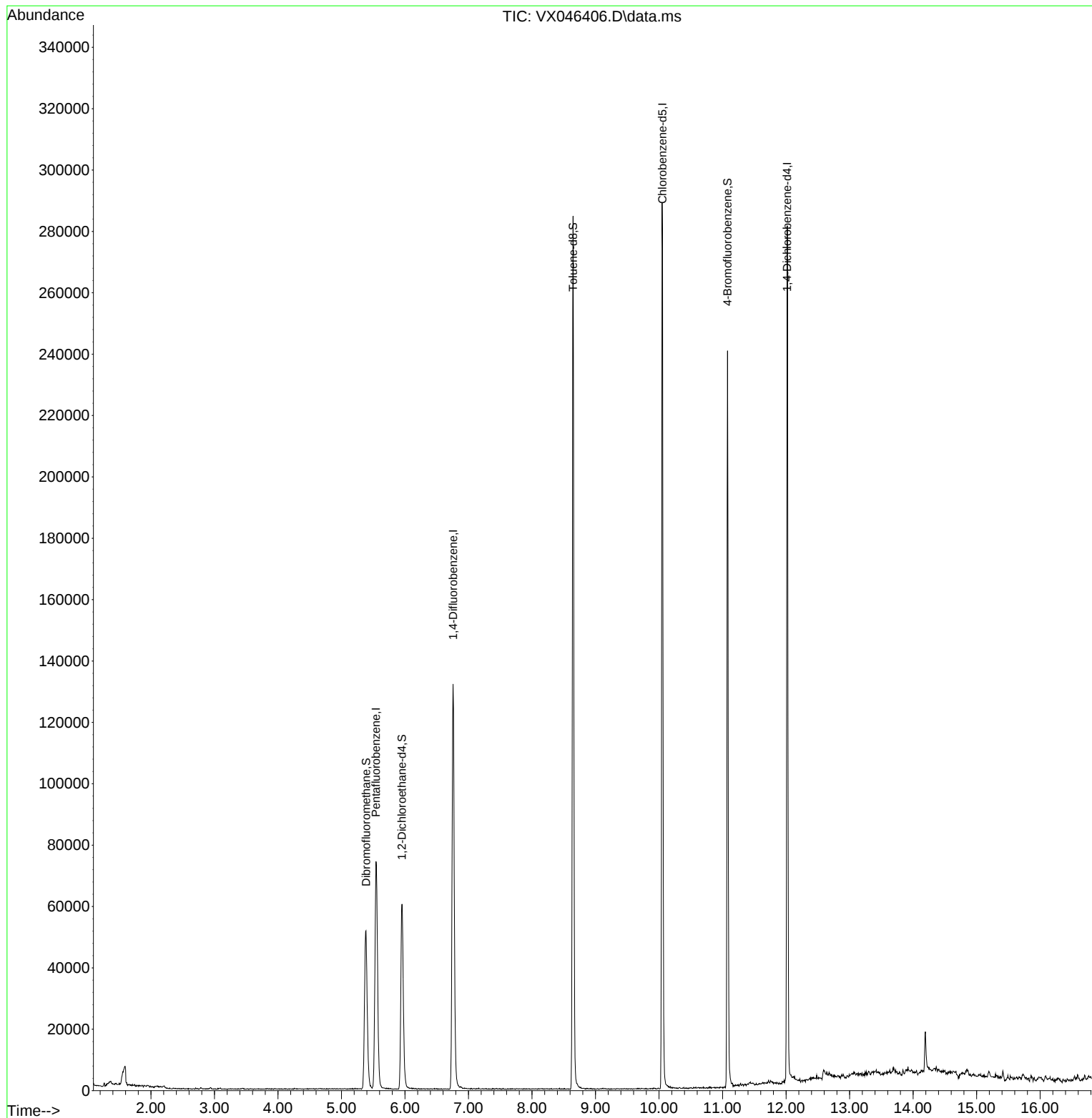
Target Compounds	Qvalue

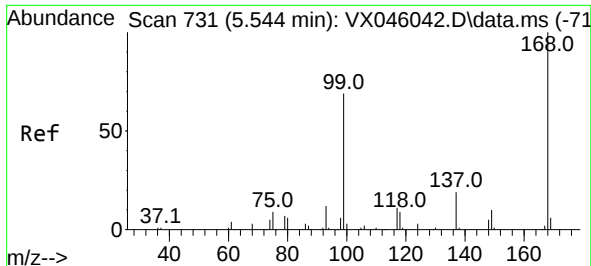
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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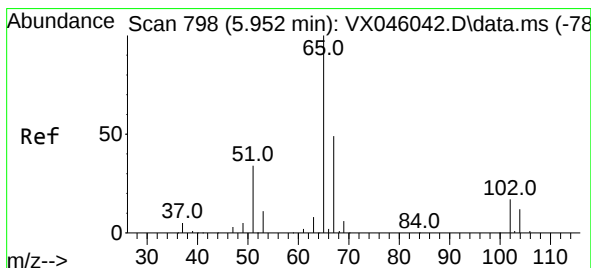
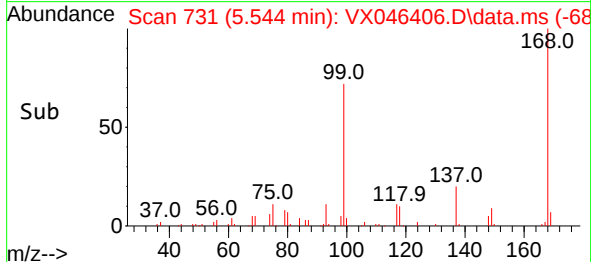
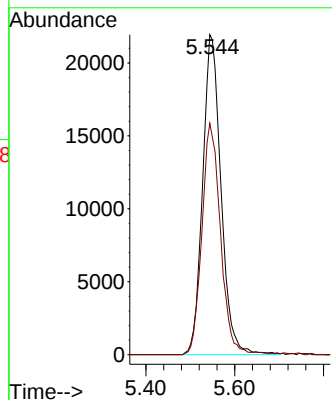
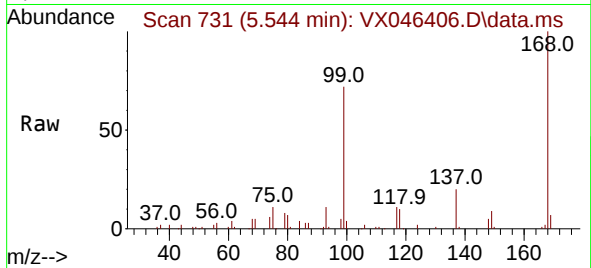




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

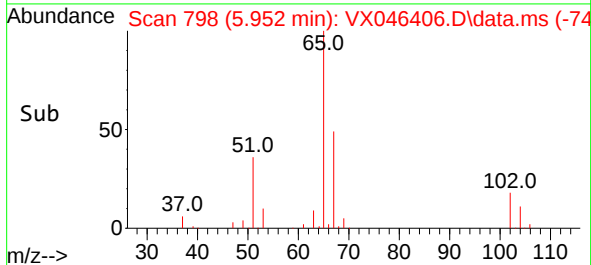
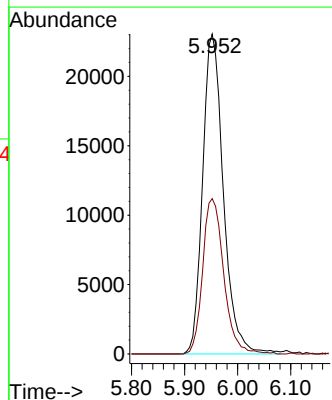
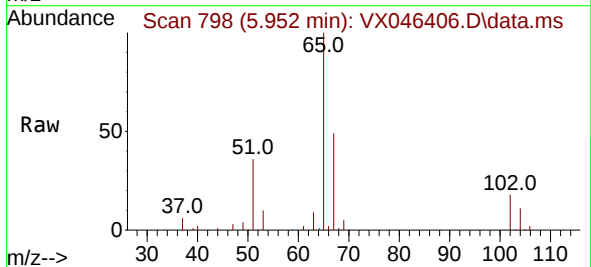
Instrument :
MSVOA_X
ClientSampleId :
IBLK

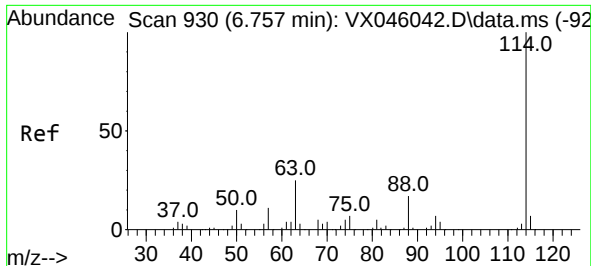
Tgt Ion:168 Resp: 63183
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.273 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

Tgt Ion: 65 Resp: 62752
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0

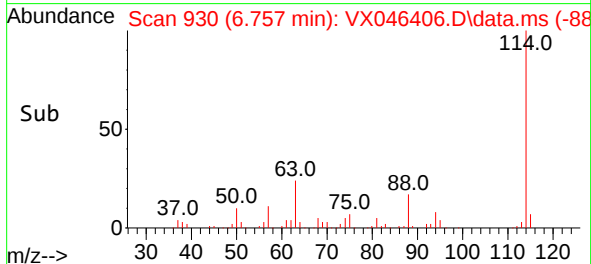
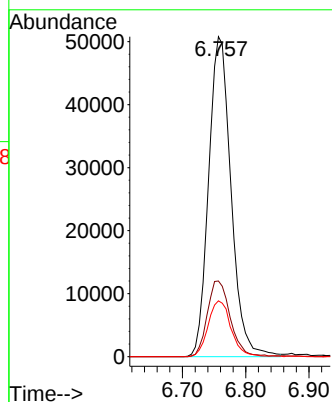
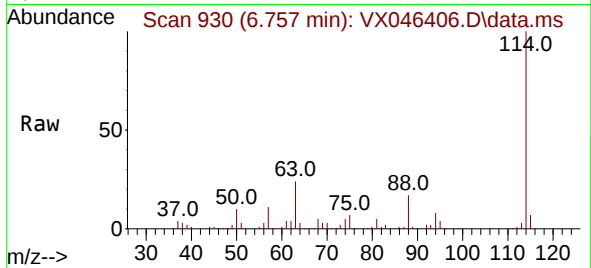




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

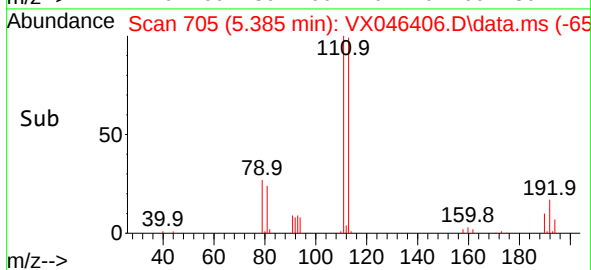
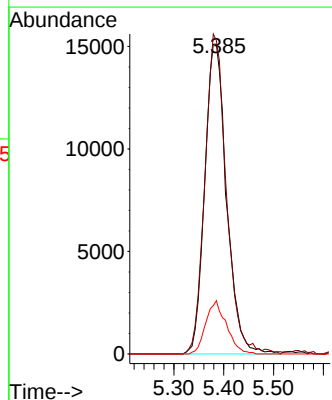
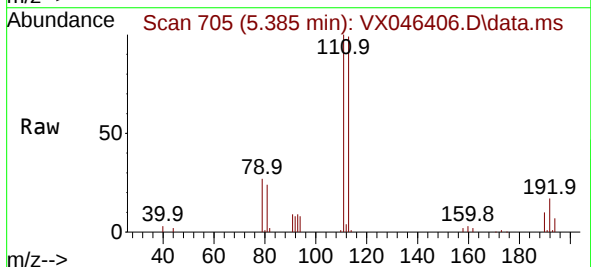
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 125047
Ion Ratio Lower Upper
114 100
63 23.7 0.0 49.2
88 17.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.110 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

Tgt Ion:113 Resp: 46023
Ion Ratio Lower Upper
113 100
111 101.3 83.1 124.7
192 16.3 13.3 19.9

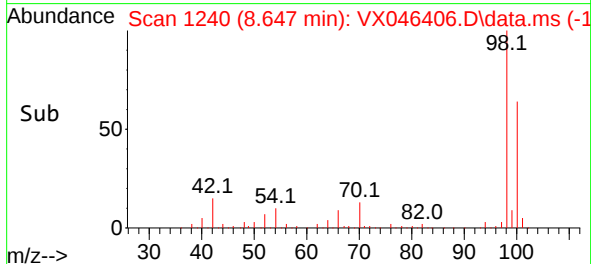
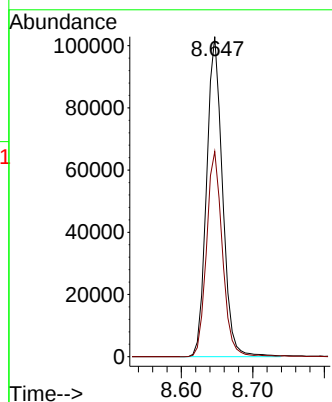
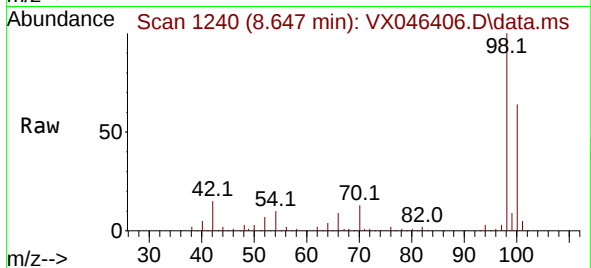




#50
Toluene-d8
Concen: 51.115 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

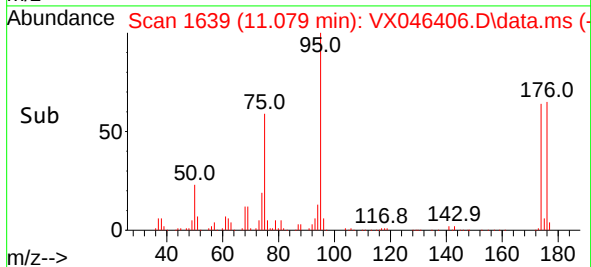
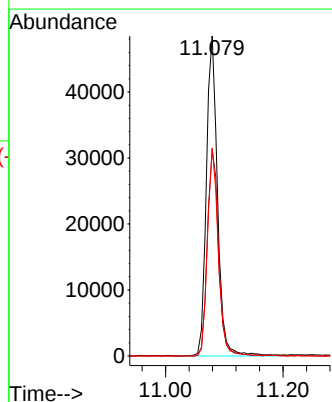
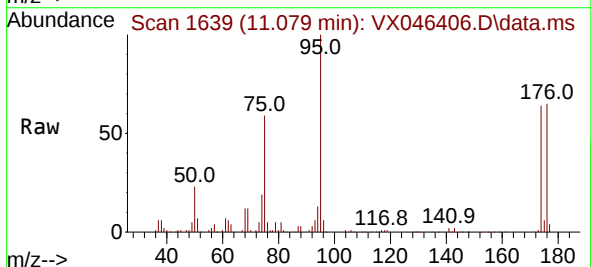
Instrument :
MSVOA_X
ClientSampleId :
IBLK

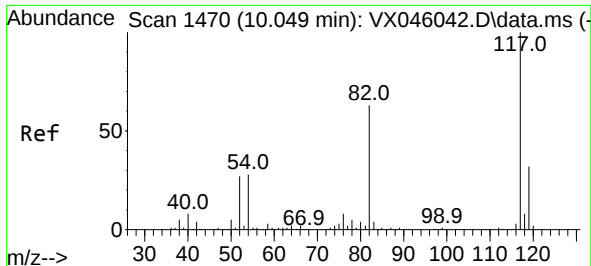
Tgt Ion: 98 Resp: 159307
Ion Ratio Lower Upper
98 100
100 63.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.519 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

Tgt Ion: 95 Resp: 63982
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.8
176 63.0 0.0 131.4

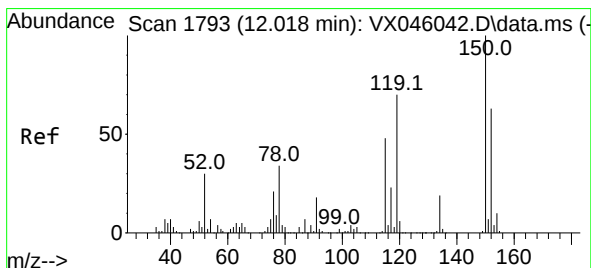
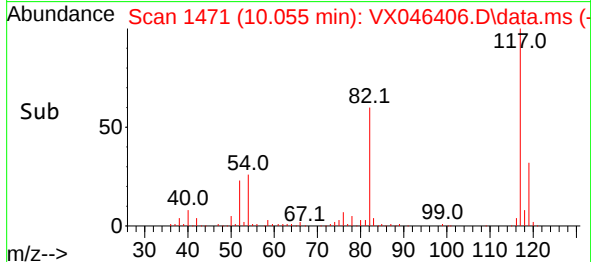
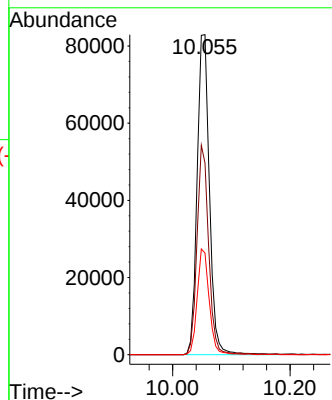
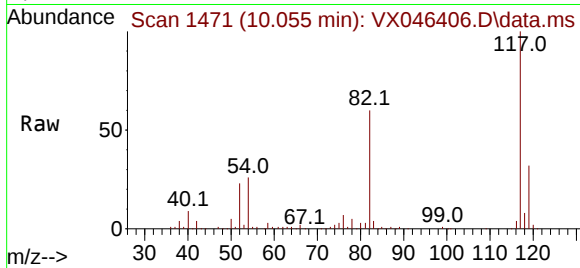




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046406.D
Acq: 29 May 2025 17:53

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 120471
Ion Ratio Lower Upper
117 100
82 59.9 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: VX046406.D
Acq: 29 May 2025 17:53

Tgt Ion:152 Resp: 51833
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 158.7 0.0 351.0

