

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046789.D
 Acq On : 20 Jun 2025 17:40
 Operator : JC/MD
 Sample : Q2258-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jun 21 00:10:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	114897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90942	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80067	50.381	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.760%
35) Dibromofluoromethane	5.397	113	66126	49.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.647	98	242465	50.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	89670	49.777	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.560%

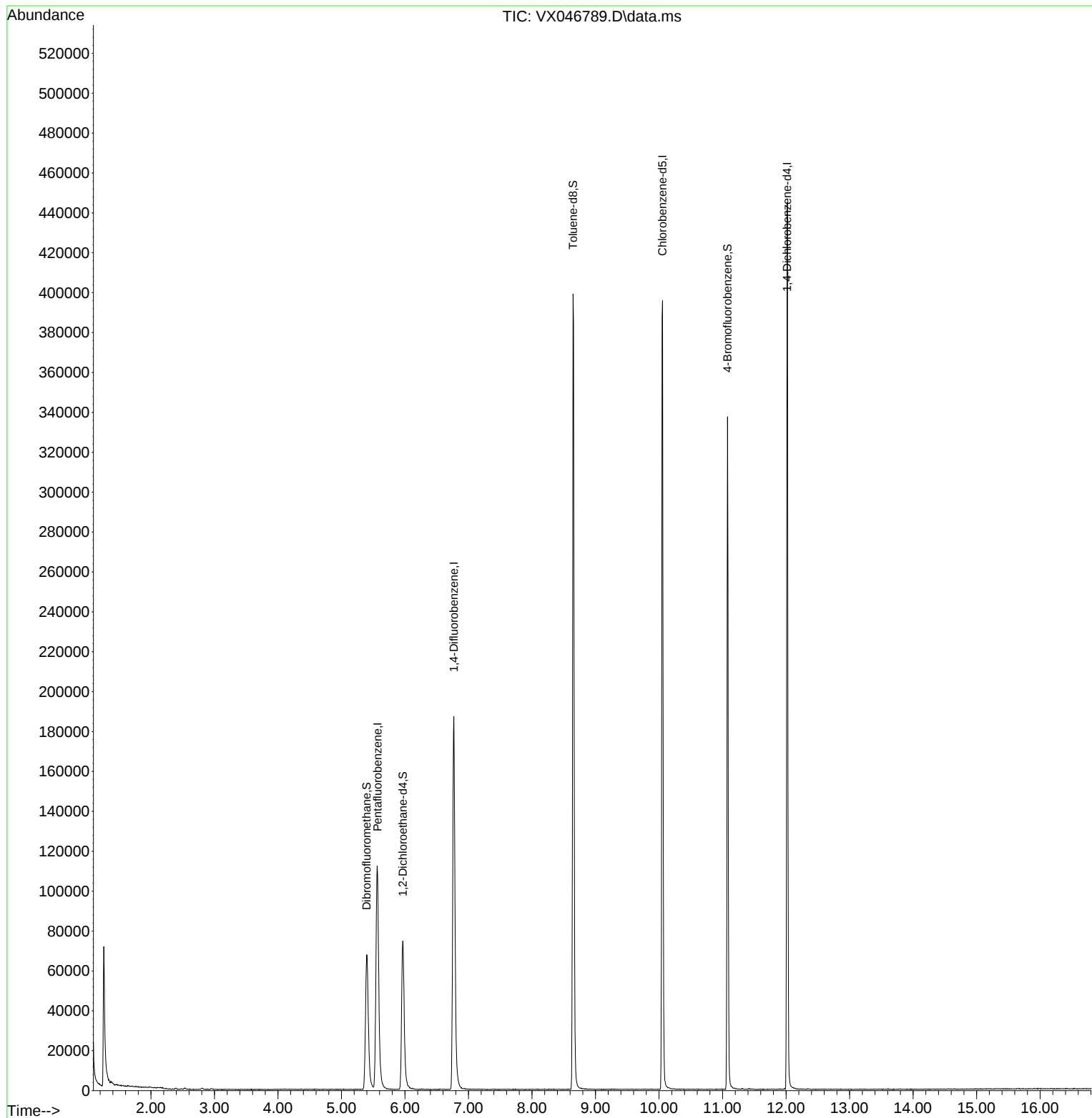
Target Compounds	Qvalue

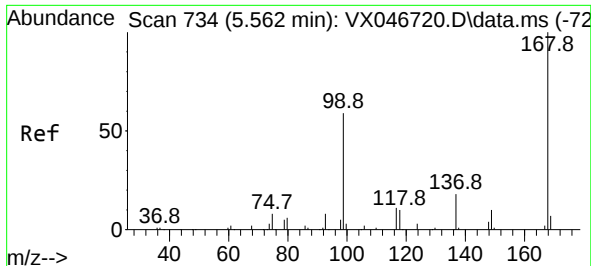
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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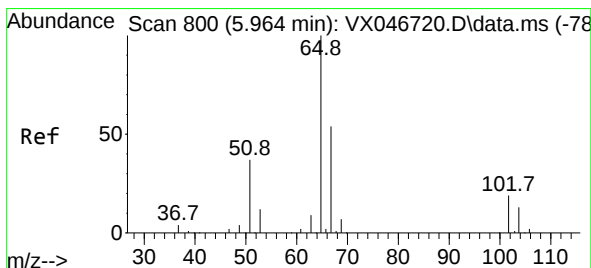
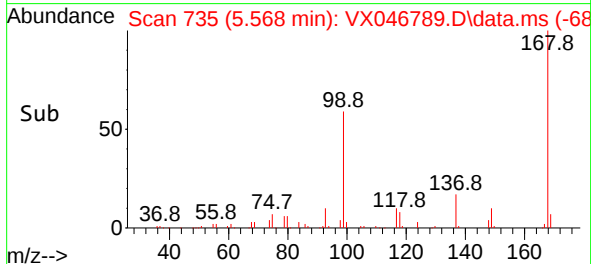
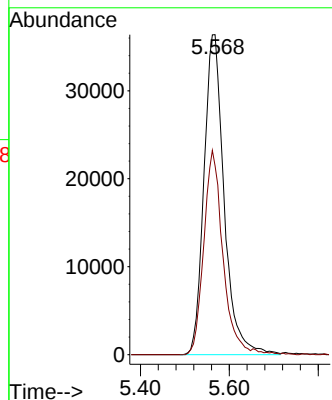
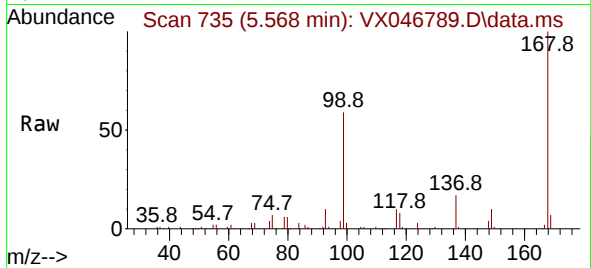




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

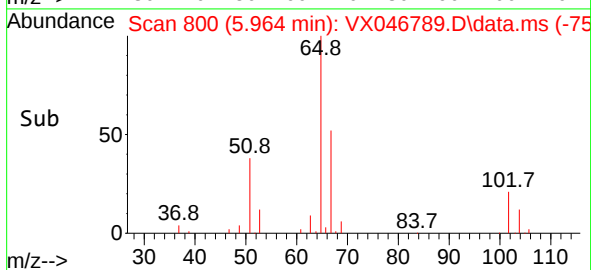
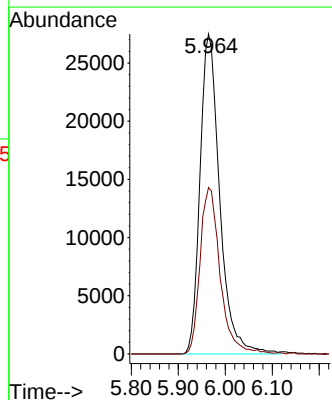
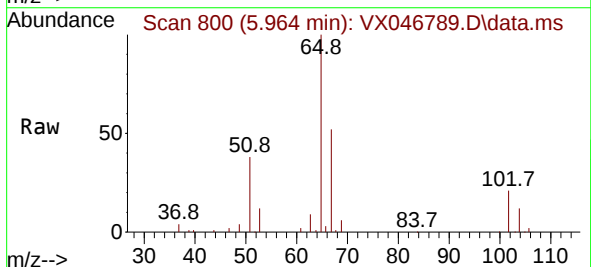
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 114897
Ion Ratio Lower Upper
168 100
99 59.0 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 50.381 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 65 Resp: 80067
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

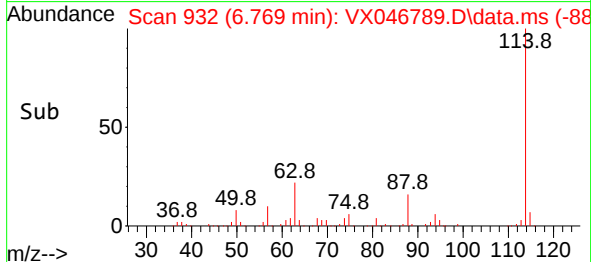
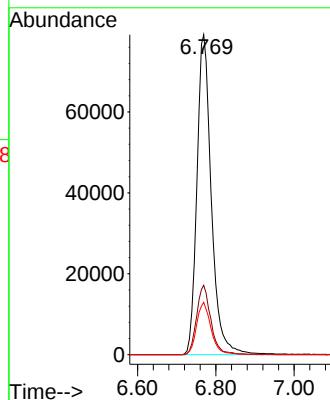
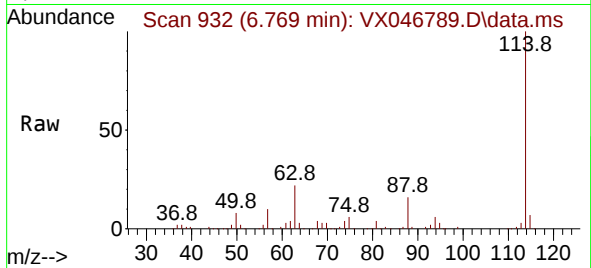




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

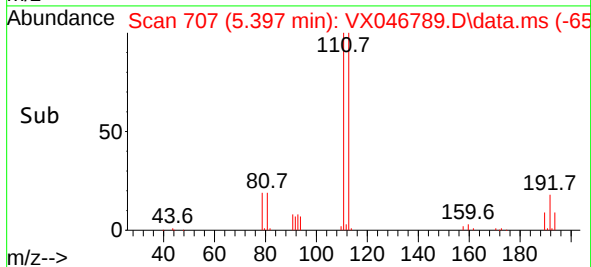
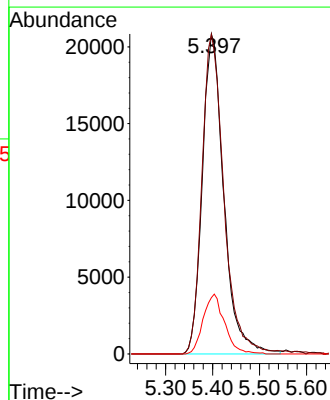
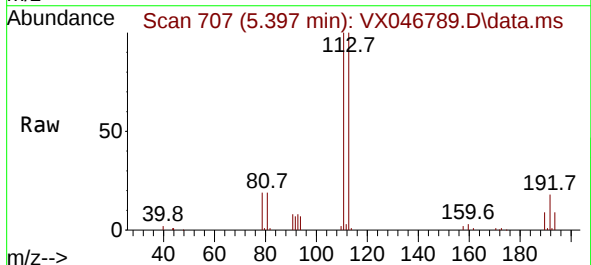
Instrument :
MSVOA_X
ClientSampleId :
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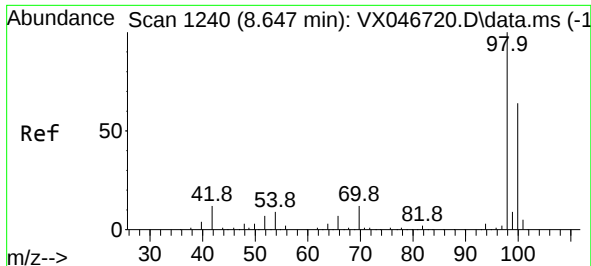
Tgt Ion:114 Resp: 203300
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.161 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion:113 Resp: 66126
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 18.6 15.3 22.9

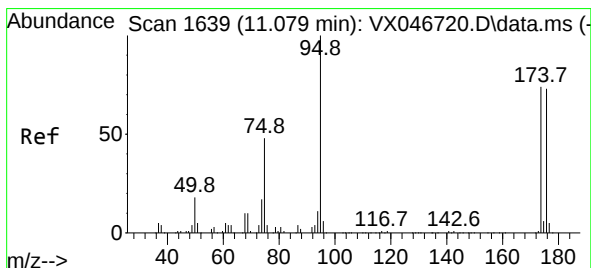
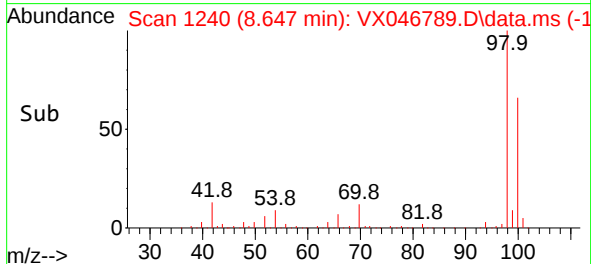
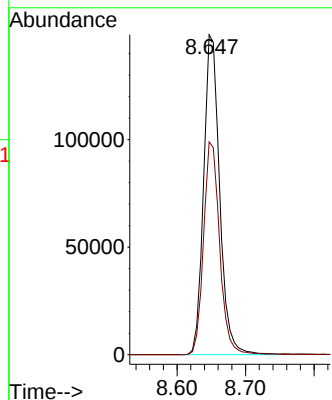
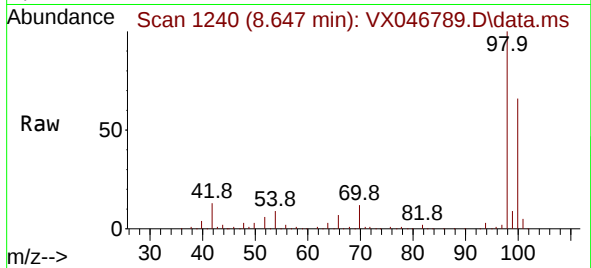




#50
Toluene-d8
Concen: 50.173 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

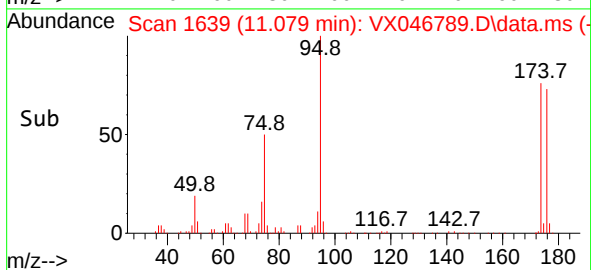
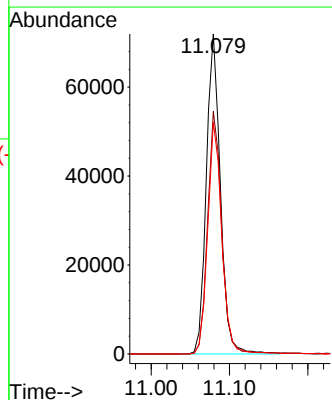
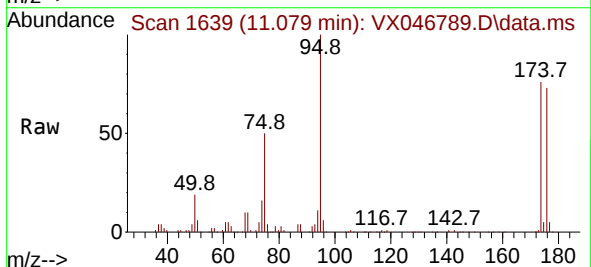
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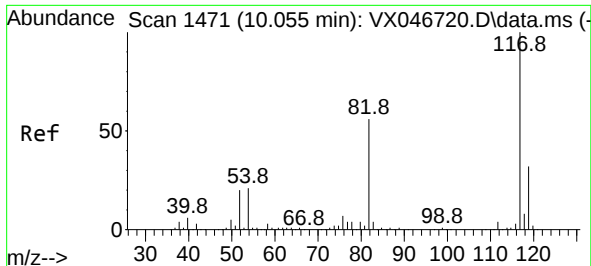
Tgt Ion: 98 Resp: 242465
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion: 95 Resp: 89670
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.4
176 72.4 0.0 145.0

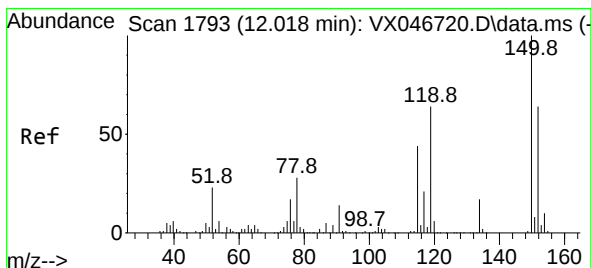
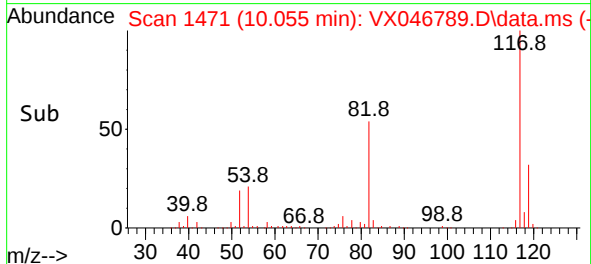
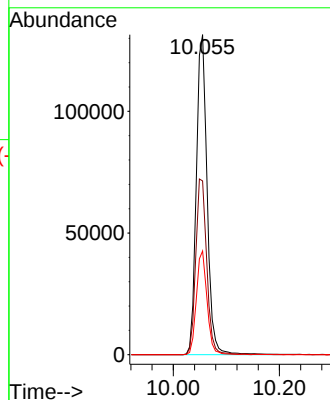
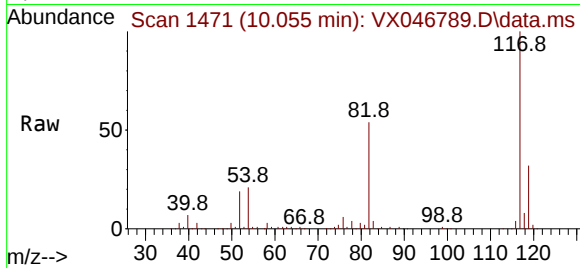




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 185688
Ion Ratio Lower Upper
117 100
82 54.3 44.6 66.8
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046789.D
Acq: 20 Jun 2025 17:40

Tgt Ion:152 Resp: 90942
Ion Ratio Lower Upper
152 100
115 59.9 43.2 129.6
150 155.1 0.0 346.8

