

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046771.D
 Acq On : 19 Jun 2025 15:45
 Operator : JC/MD
 Sample : Q2351-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FAIRLAWN-SUMP

Quant Time: Jun 20 05:21:28 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)

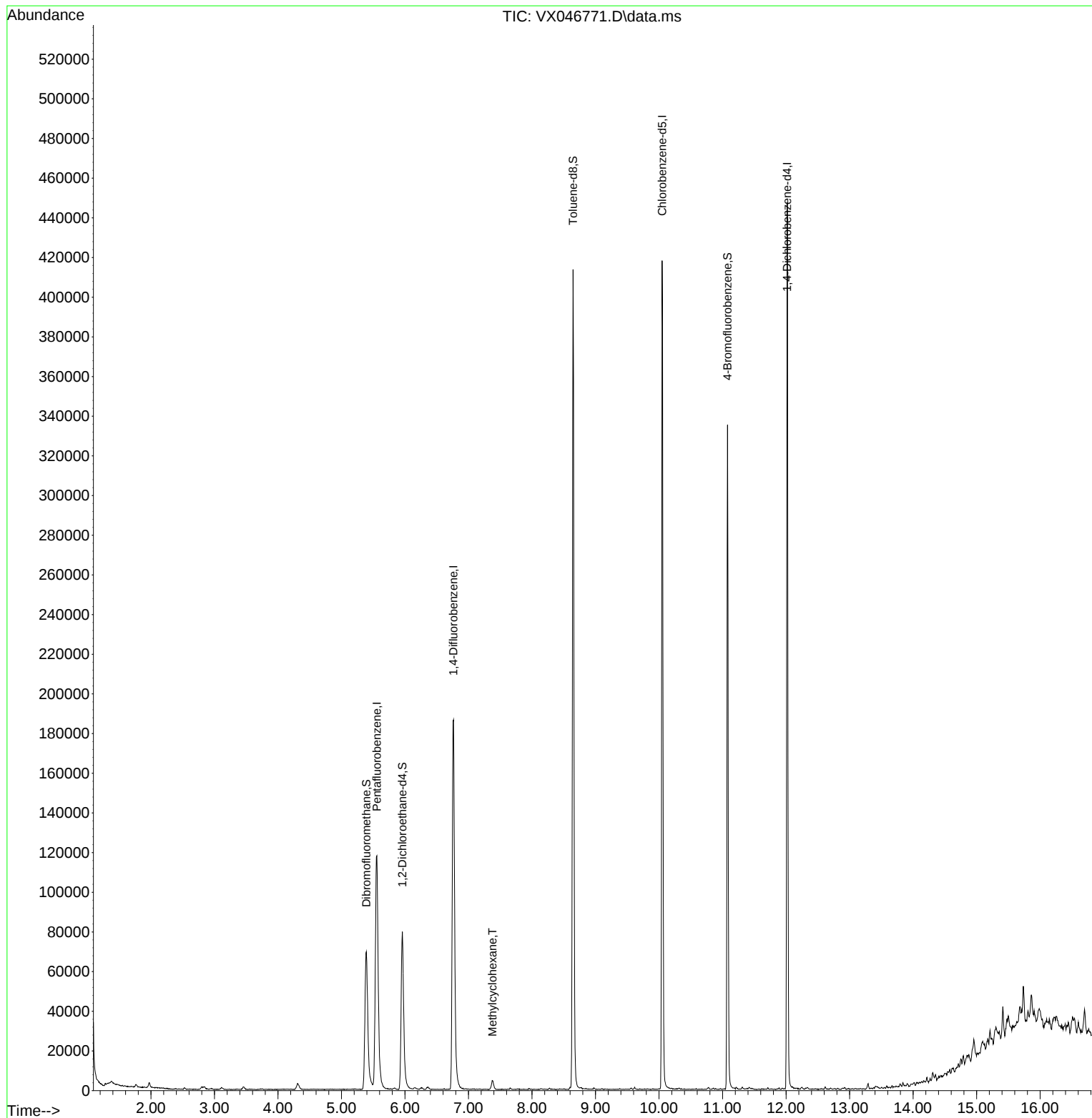
Internal Standards						
1) Pentafluorobenzene	5.556	168	124352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82336	47.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.740%
35) Dibromofluoromethane	5.391	113	68296	49.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	8.646	98	250775	50.267	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	11.079	95	91921	49.428	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.860%
Target Compounds						
39) Methylcyclohexane	7.378	83	2294	0.870	ug/l	85

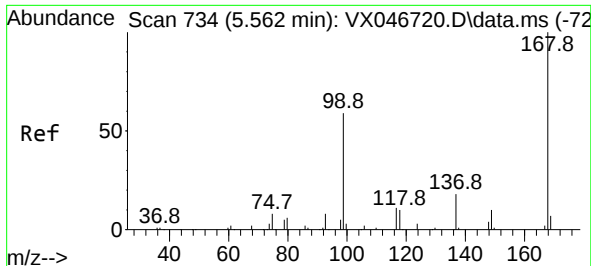
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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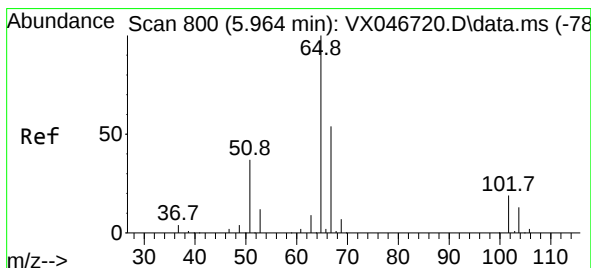
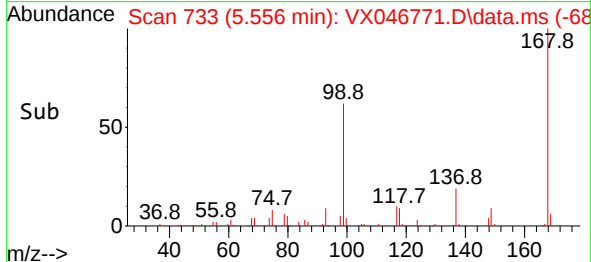
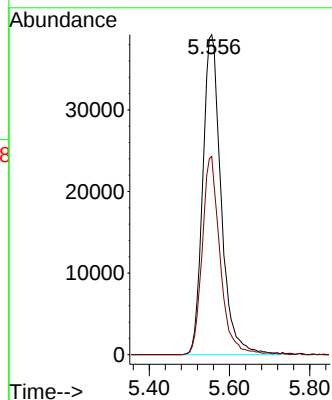
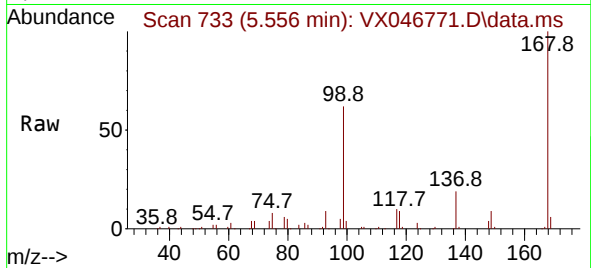




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

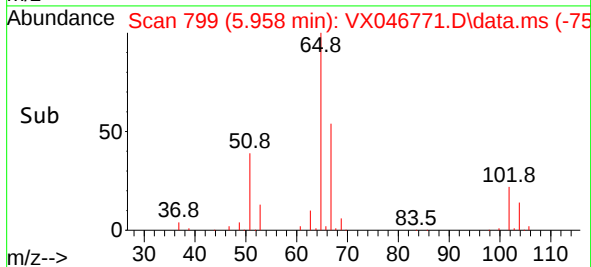
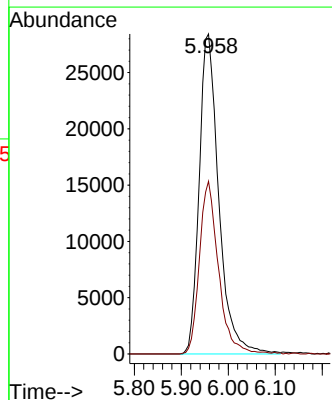
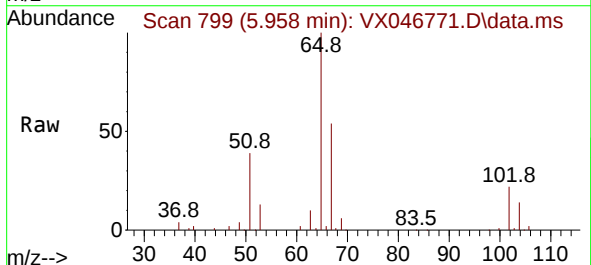
Instrument :
MSVOA_X
ClientSampleId :
FAIRLAWN-SUMP

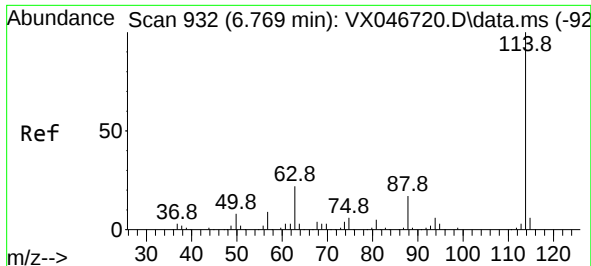
Tgt Ion:168 Resp: 124352
Ion Ratio Lower Upper
168 100
99 62.0 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 47.869 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.007 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion: 65 Resp: 82336
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

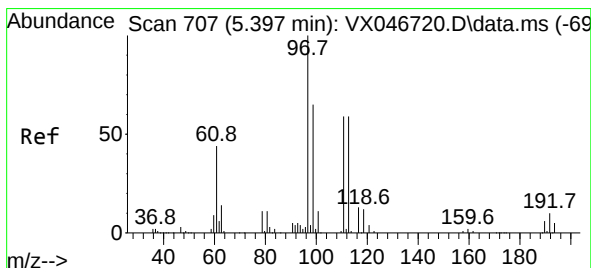
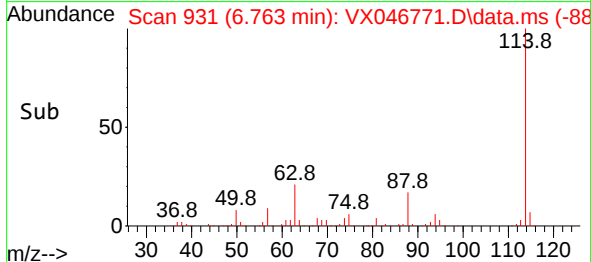
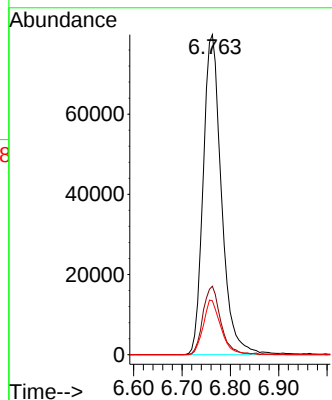
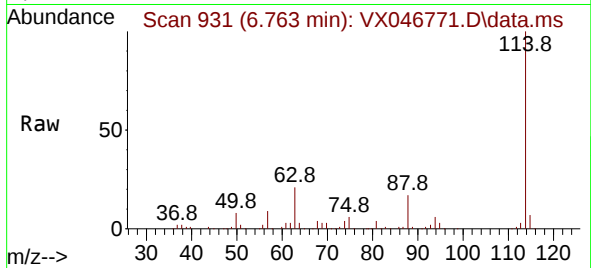




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

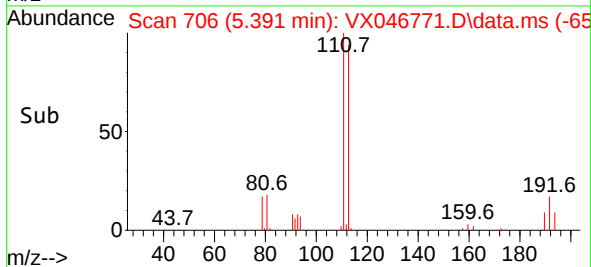
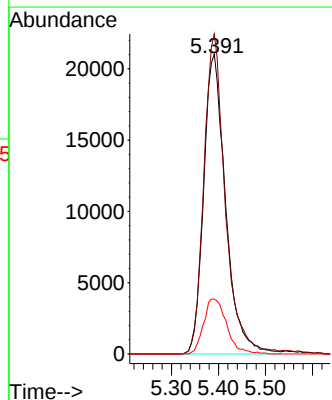
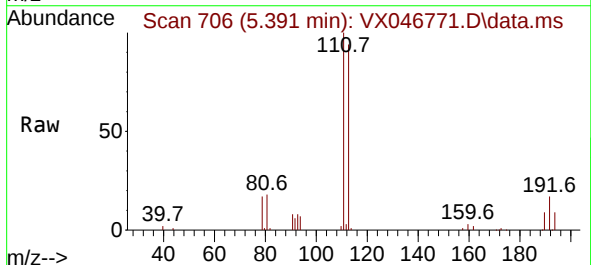
Instrument :
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ClientSampleId :
FAIRLAWN-SUMP

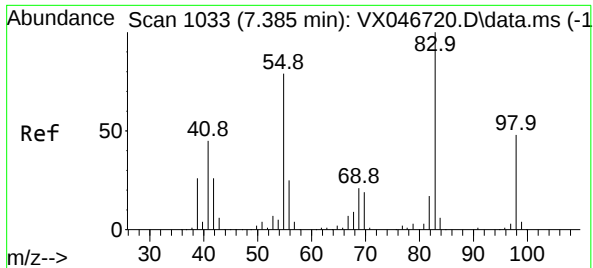
Tgt Ion:114 Resp: 209874
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.184 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion:113 Resp: 68296
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 19.2 15.3 22.9

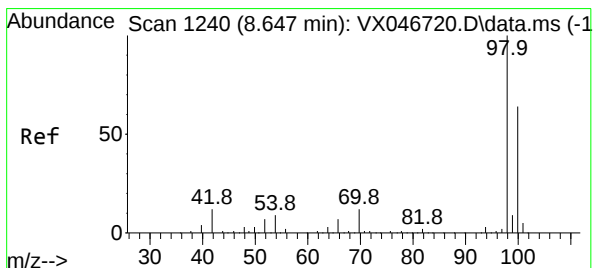
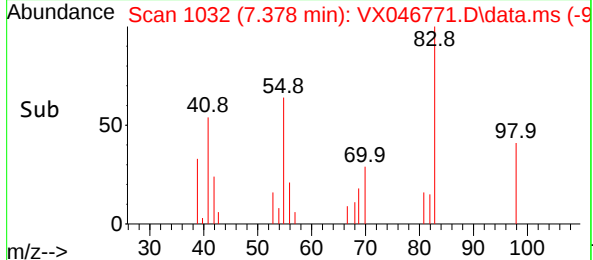
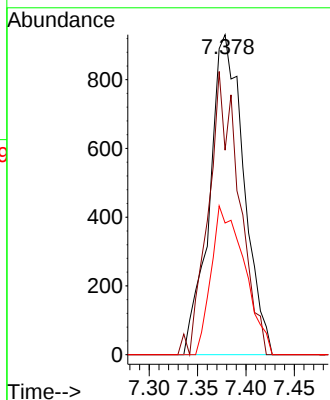
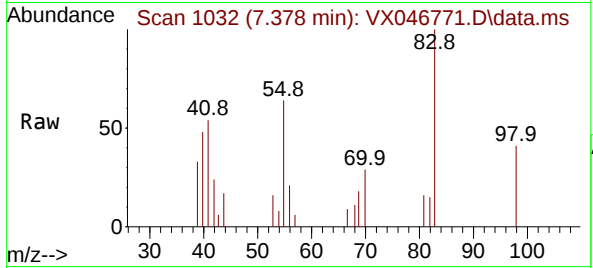




#39
Methylcyclohexane
Concen: 0.870 ug/l
RT: 7.378 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

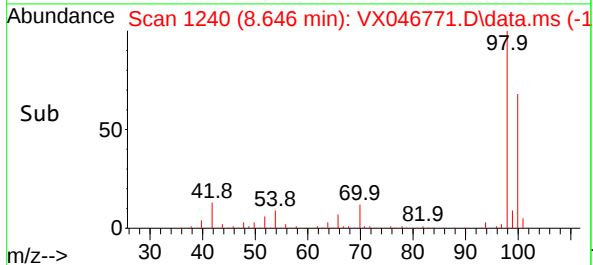
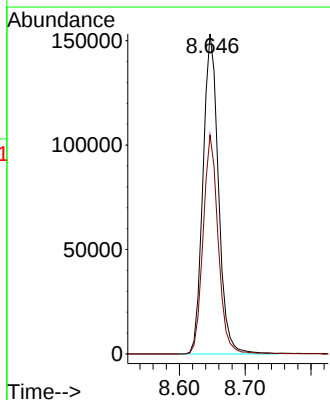
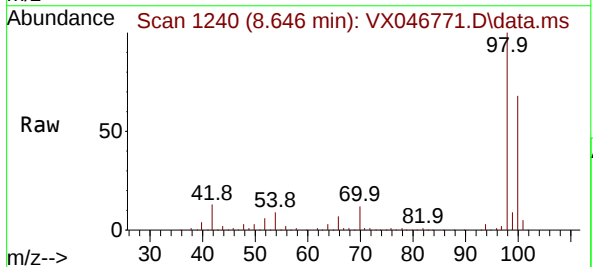
Instrument :
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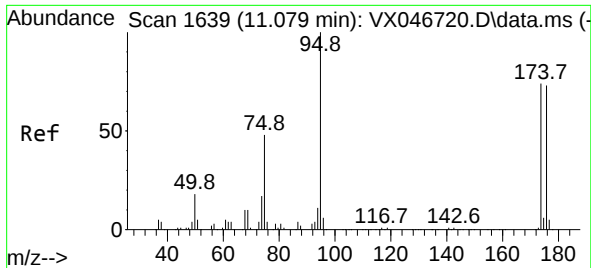
Tgt Ion: 83	Resp: 2294
Ion Ratio	Lower Upper
83 100	
55 63.9	63.0 94.4
98 41.1	38.8 58.2



#50
Toluene-d8
Concen: 50.267 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

Tgt Ion: 98	Resp: 250775
Ion Ratio	Lower Upper
98 100	
100 66.5	53.0 79.4

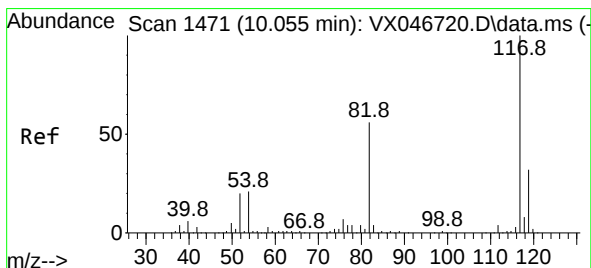
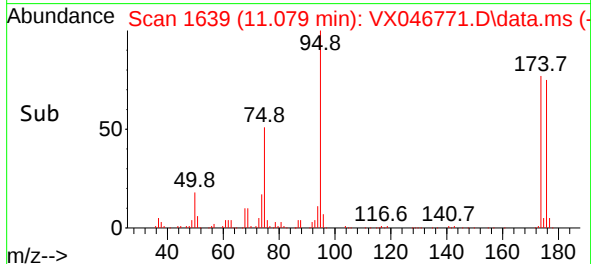
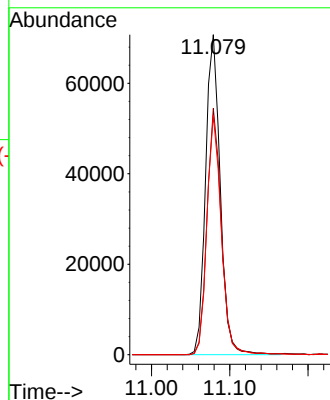
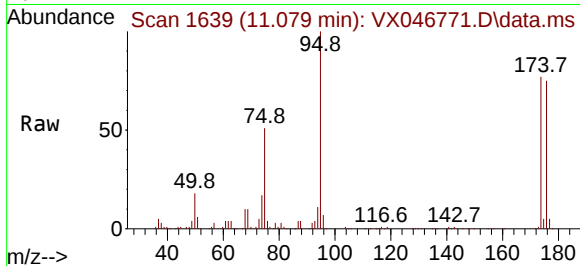




#62
4-Bromofluorobenzene
Concen: 49.428 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

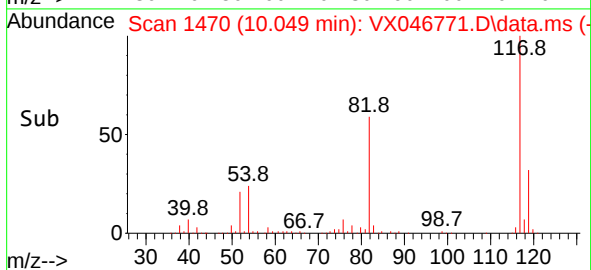
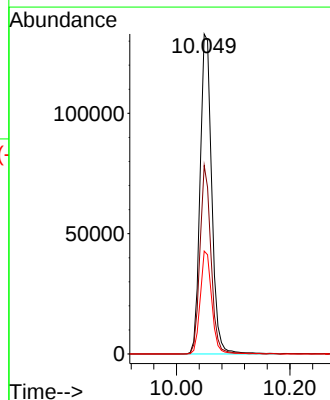
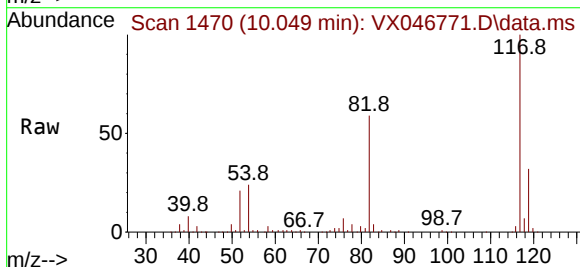
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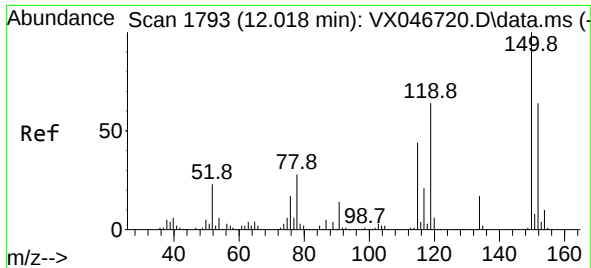
Tgt Ion: 95 Resp: 91921
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 73.5 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046771.D
Acq: 19 Jun 2025 15:45

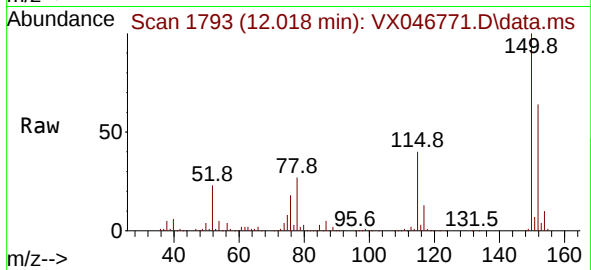
Tgt Ion: 117 Resp: 188884
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 32.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046771.D
 Acq: 19 Jun 2025 15:45

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 90343
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.2 129.6
 150 156.6 0.0 346.8

