

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046736.D
 Acq On : 18 Jun 2025 12:54
 Operator : JC/MD
 Sample : Q2345-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-2-20250616

Quant Time: Jun 19 01:23:06 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)

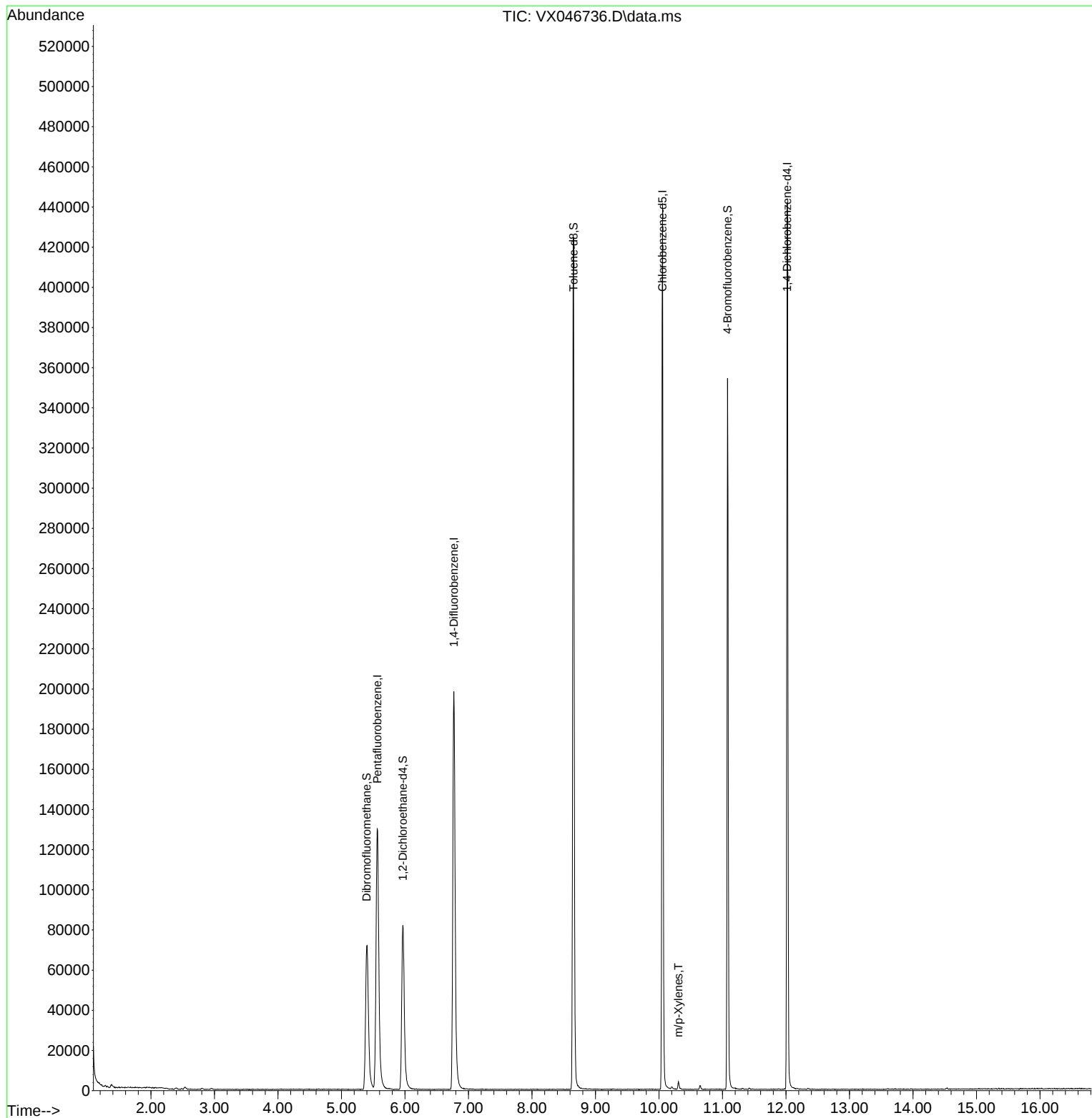
Internal Standards						
1) Pentafluorobenzene	5.562	168	133570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88131	47.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.400%
35) Dibromofluoromethane	5.397	113	71103	49.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	8.653	98	258731	49.895	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	95051	49.173	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.340%
Target Compounds						
68) m/p-Xylenes	10.305	106	1060	0.379	ug/l	Qvalue 96

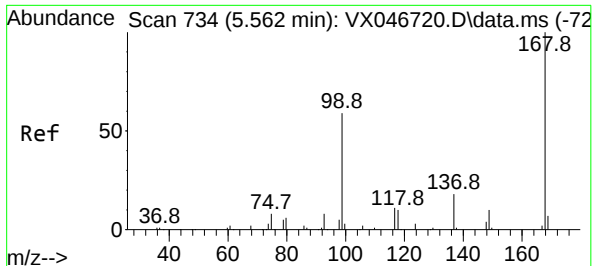
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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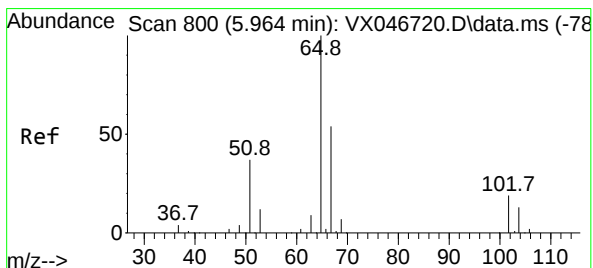
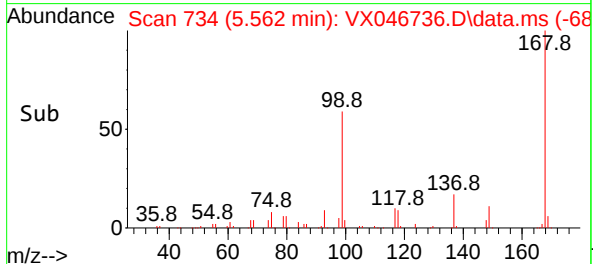
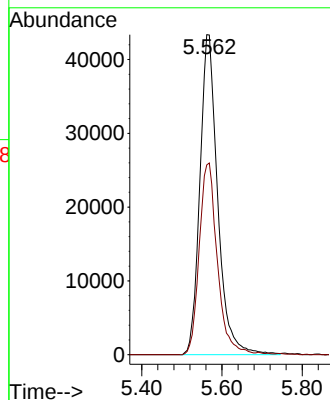
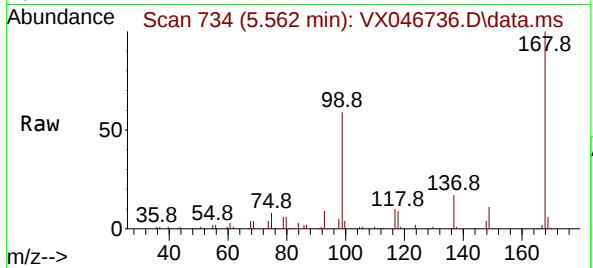




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

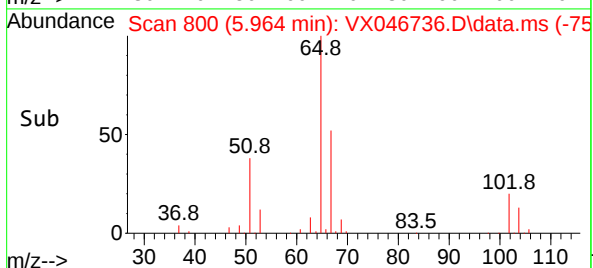
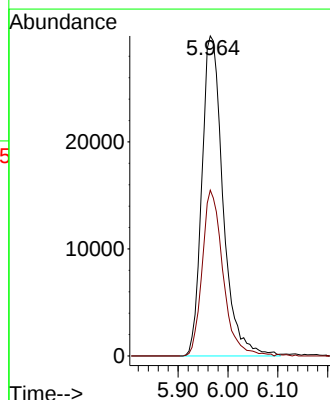
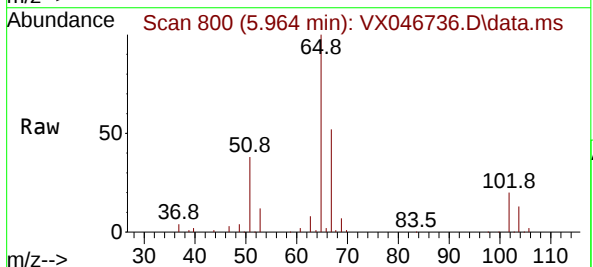
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

Tgt Ion:168 Resp: 133570
Ion Ratio Lower Upper
168 100
99 59.3 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 47.703 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 65 Resp: 88131
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

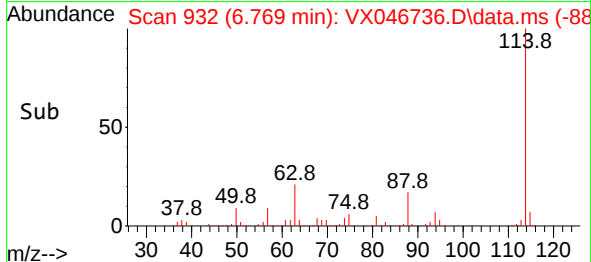
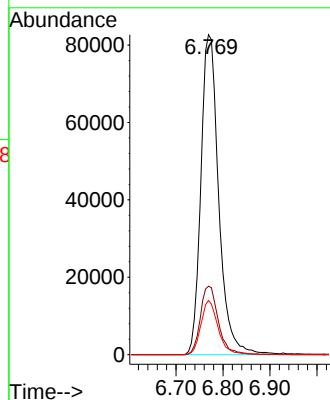
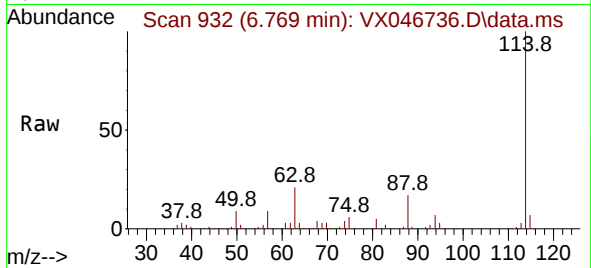




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

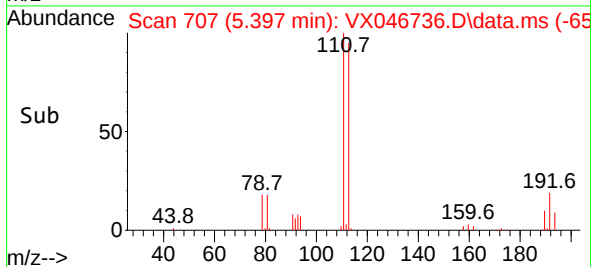
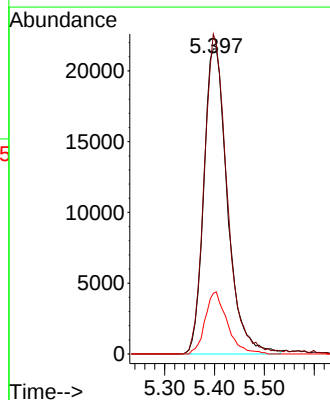
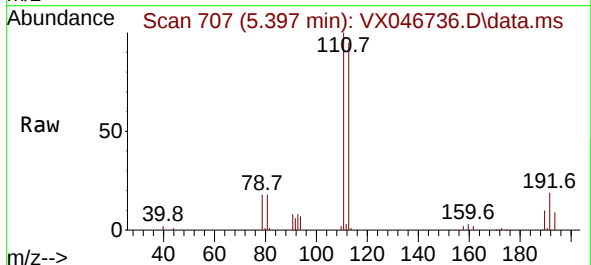
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

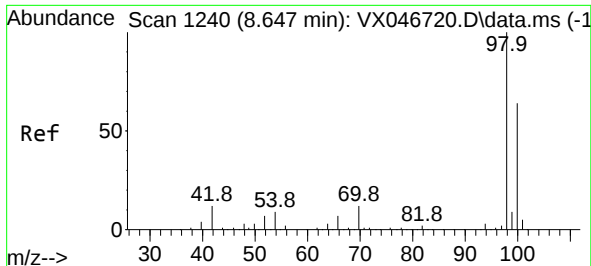
Tgt Ion:114 Resp: 218146
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.263 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion:113 Resp: 71103
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 19.0 15.3 22.9

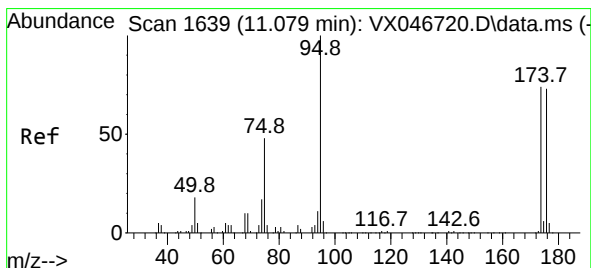
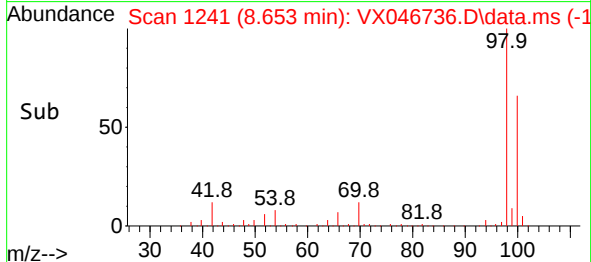
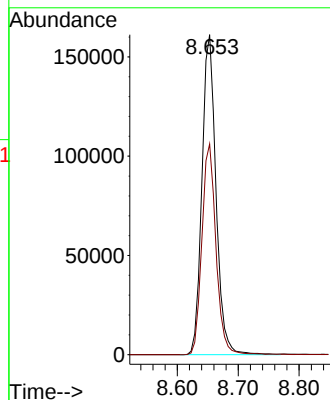
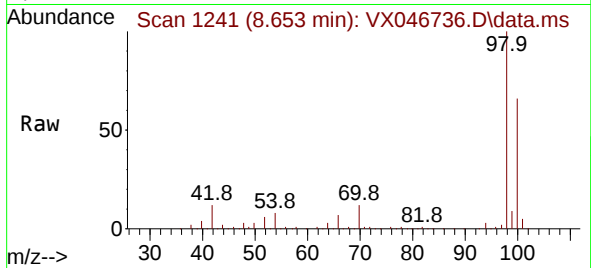




#50
Toluene-d8
Concen: 49.895 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

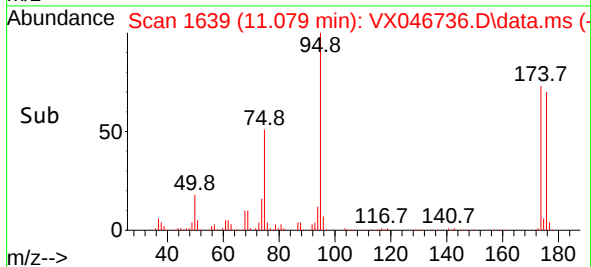
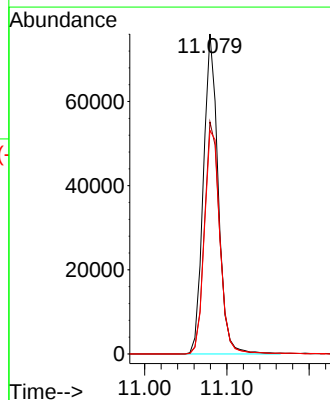
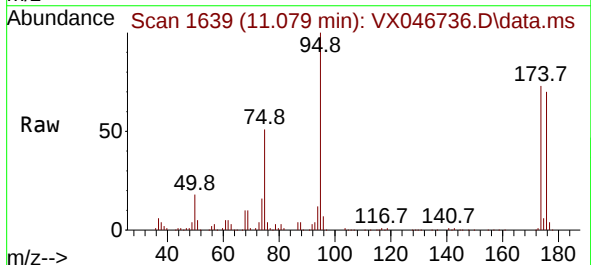
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-2-20250616

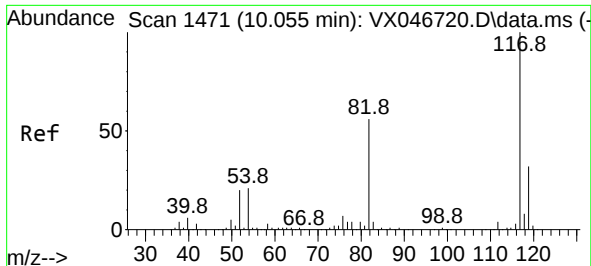
Tgt Ion: 98 Resp: 258731
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

Tgt Ion: 95 Resp: 95051
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.4
176 73.9 0.0 145.0

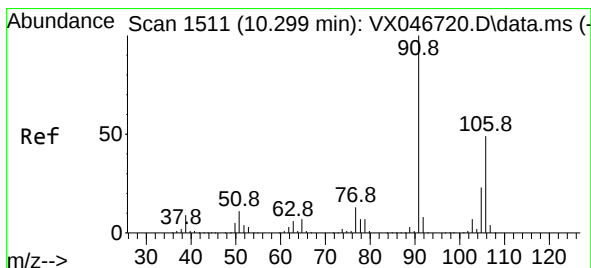
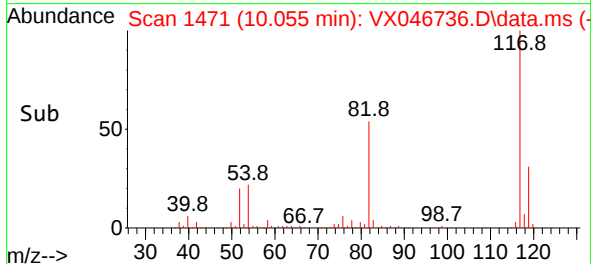
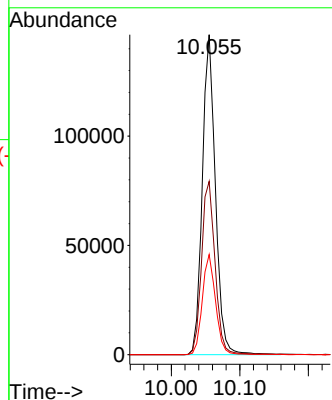
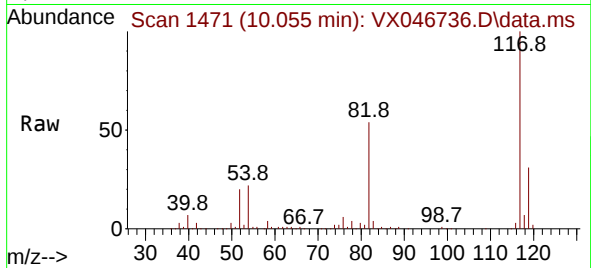




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

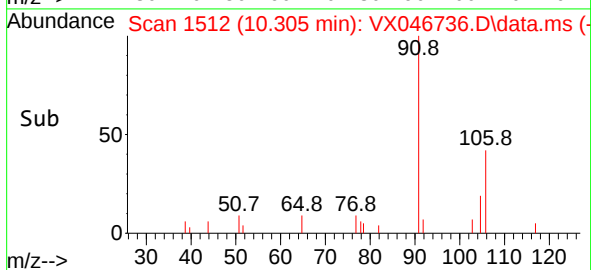
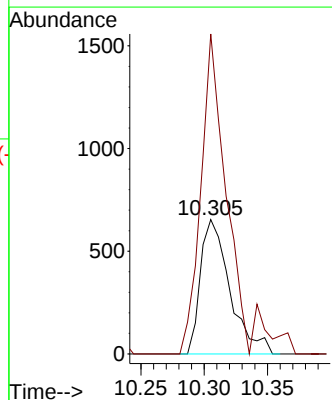
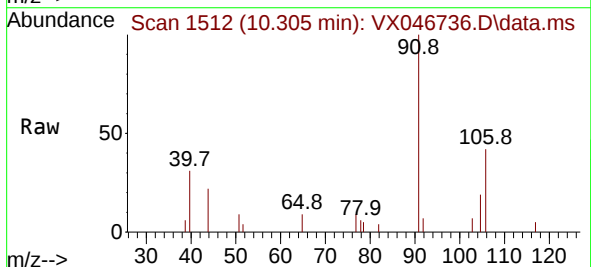
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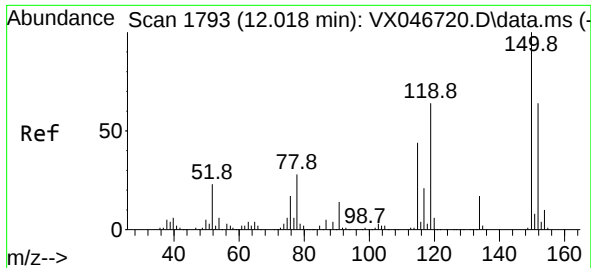
Tgt Ion:117 Resp: 194756
Ion Ratio Lower Upper
117 100
82 54.1 44.6 66.8
119 31.3 25.8 38.8



#68
m/p-Xylenes
Concen: 0.379 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046736.D
Acq: 18 Jun 2025 12:54

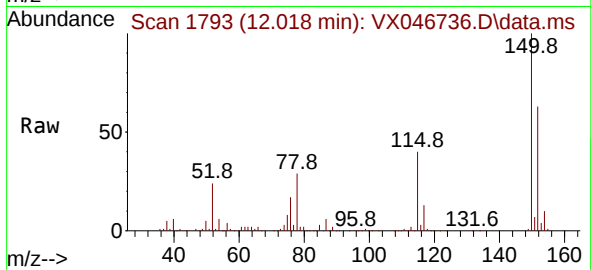
Tgt Ion:106 Resp: 1060
Ion Ratio Lower Upper
106 100
91 200.4 164.8 247.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046736.D
 Acq: 18 Jun 2025 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-2-20250616



Tgt Ion:152 Resp: 93153
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.2 129.6
 150 155.0 0.0 346.8

