

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046796.D
 Acq On : 20 Jun 2025 20:04
 Operator : JC/MD
 Sample : Q2318-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Jun 21 00:14:31 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	177814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	132101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115240	46.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	5.397	113	97687	48.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.647	98	367391	51.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.320%
62) 4-Bromofluorobenzene	11.079	95	132138	49.361	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.720%

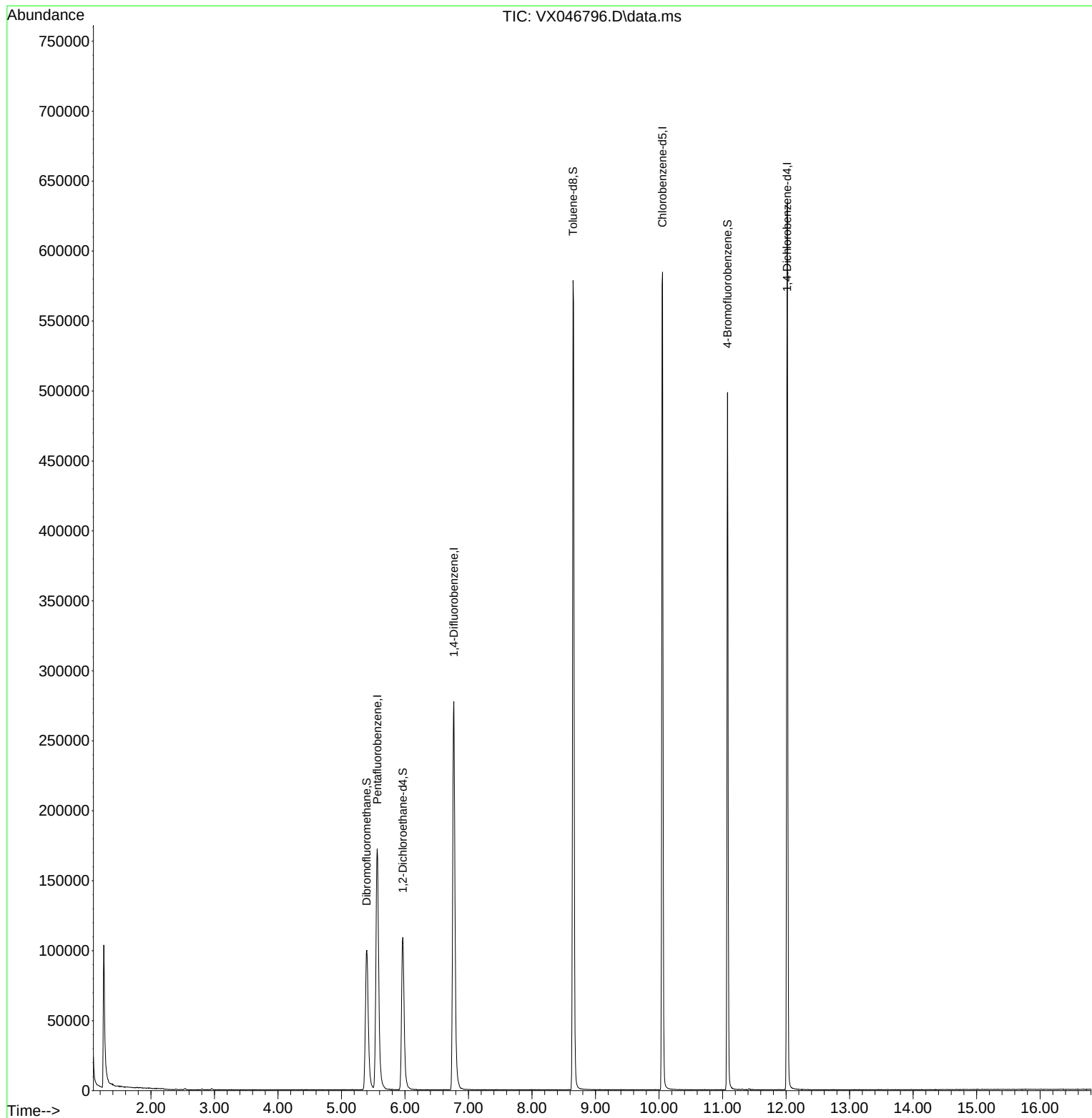
Target Compounds	Qvalue

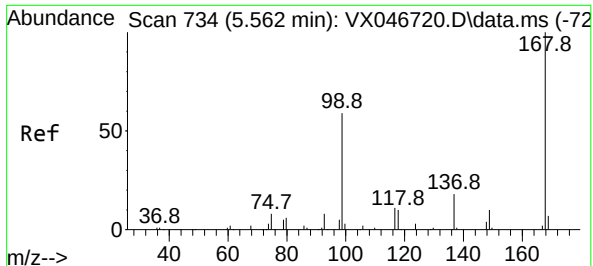
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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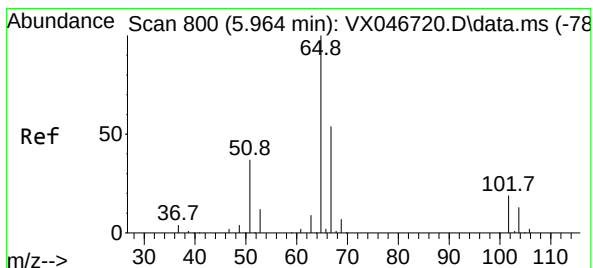
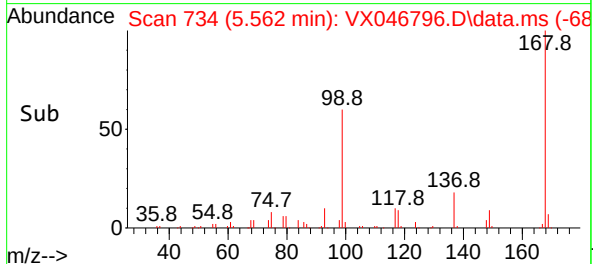
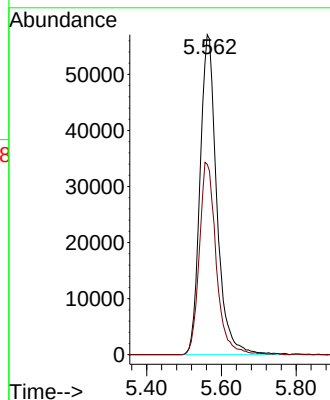
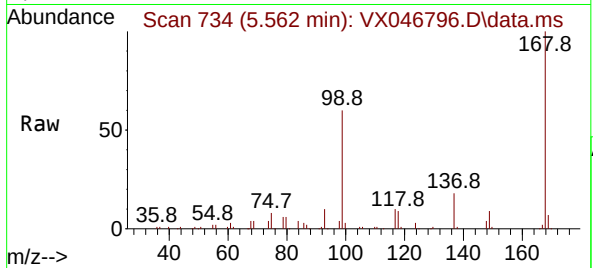




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

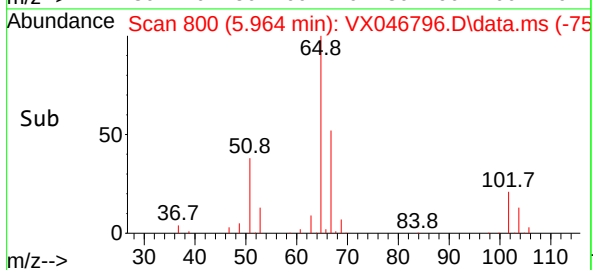
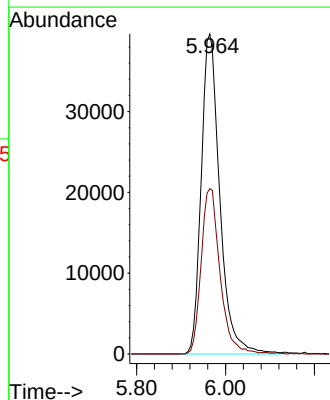
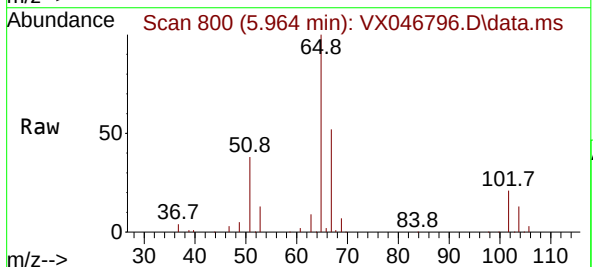
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

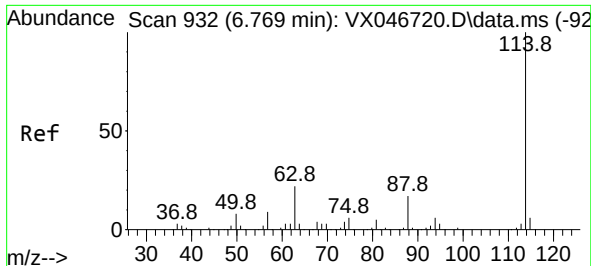
Tgt Ion:168 Resp: 177814
Ion Ratio Lower Upper
168 100
99 59.5 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 46.855 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 65 Resp: 115240
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

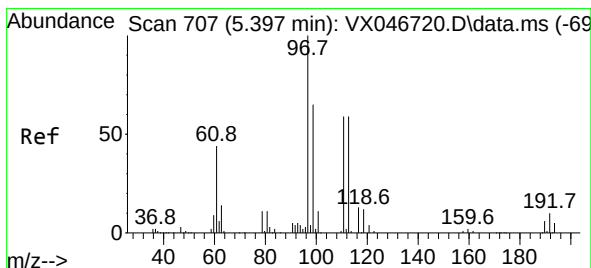
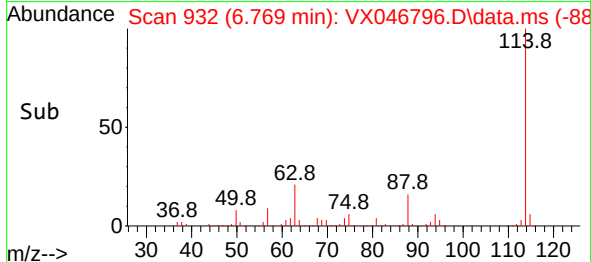
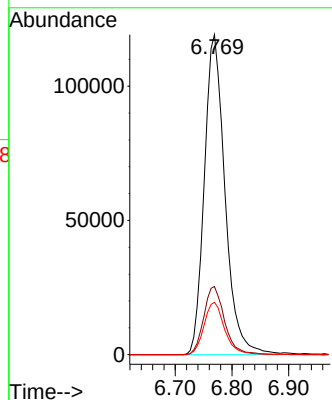
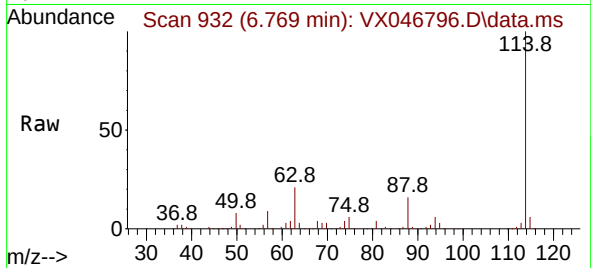




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

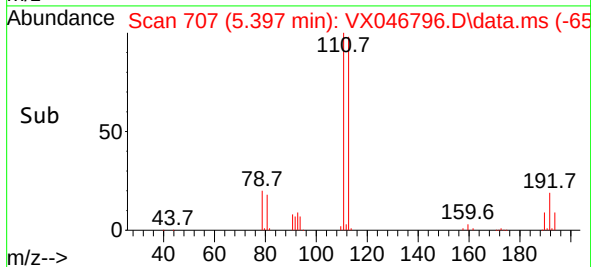
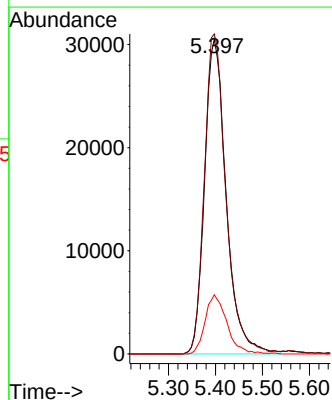
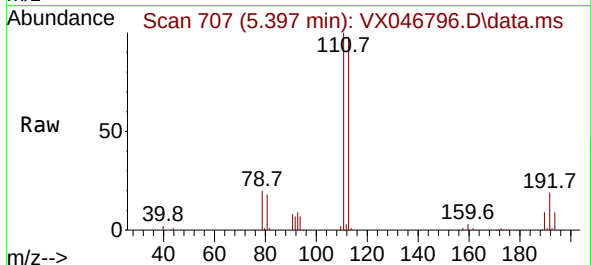
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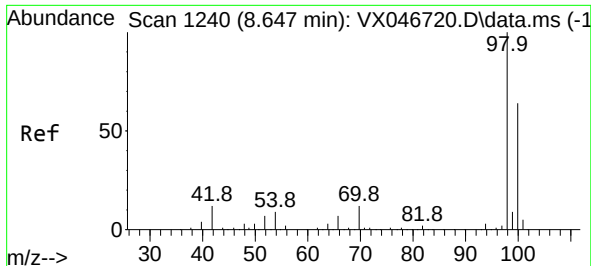
Tgt Ion:114 Resp: 302110
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.871 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion:113 Resp: 97687
Ion Ratio Lower Upper
113 100
111 101.2 82.0 123.0
192 18.9 15.3 22.9

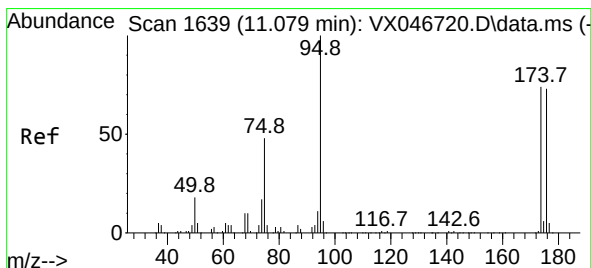
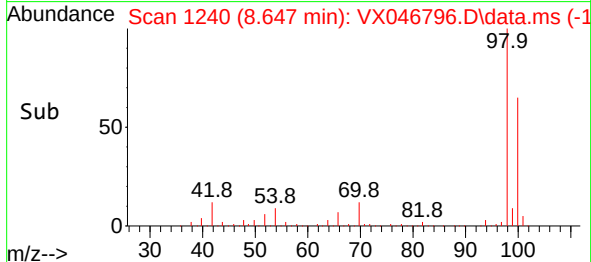
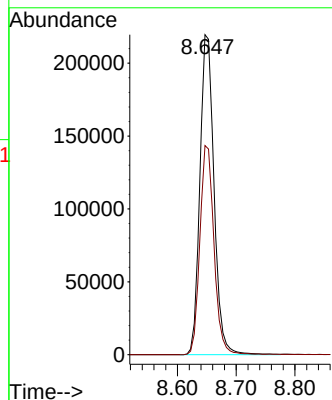
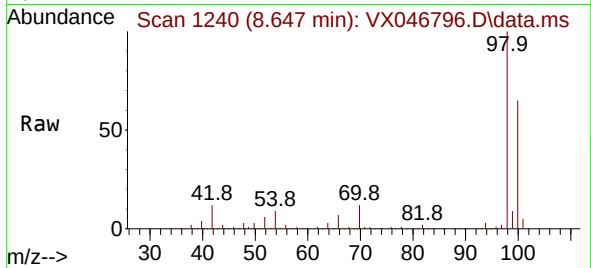




#50
Toluene-d8
Concen: 51.158 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

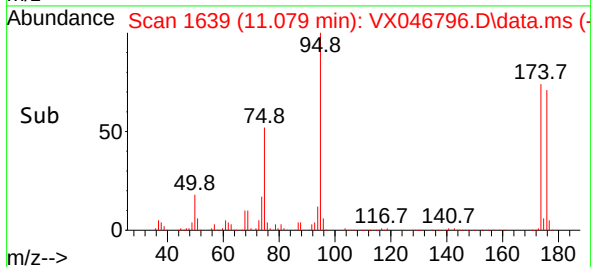
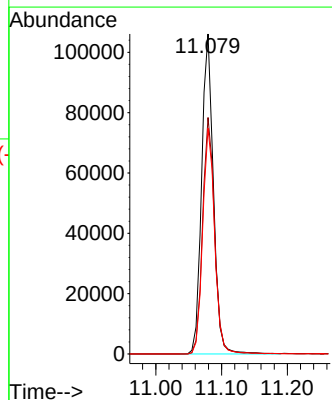
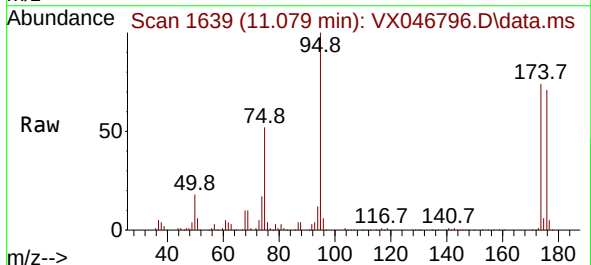
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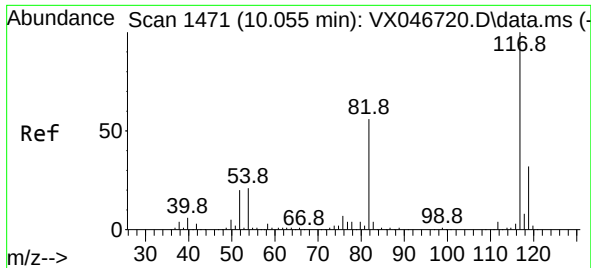
Tgt Ion: 98 Resp: 367391
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion: 95 Resp: 132138
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 71.8 0.0 145.0

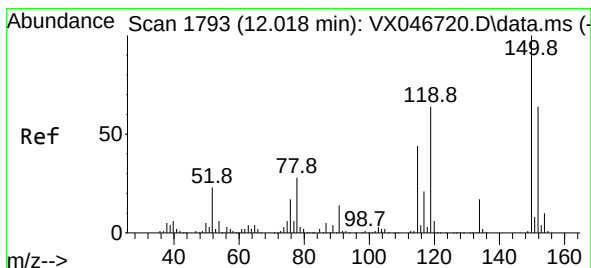
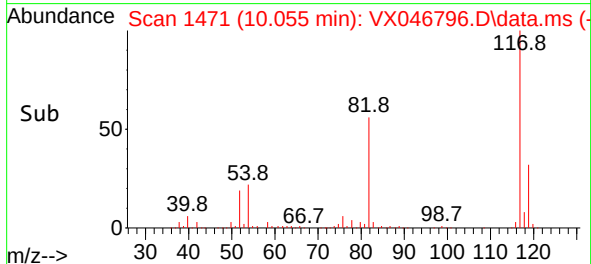
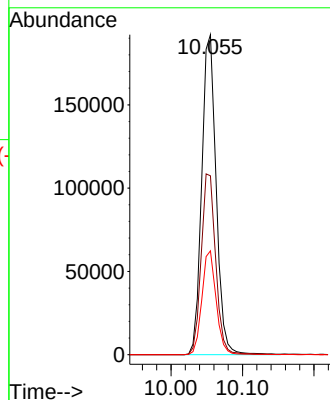
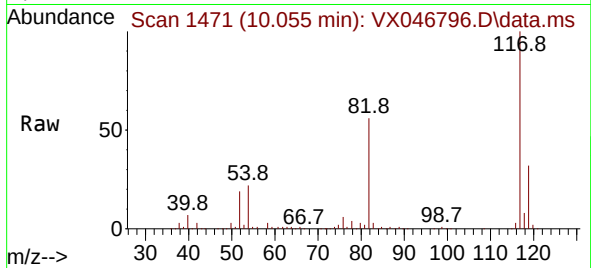




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046796.D
Acq: 20 Jun 2025 20:04

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 269202
Ion Ratio Lower Upper
117 100
82 55.9 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: VX046796.D
Acq: 20 Jun 2025 20:04

Tgt Ion:152 Resp: 132101
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 155.2 0.0 346.8

