

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046759.D
 Acq On : 19 Jun 2025 10:12
 Operator : JC/MD
 Sample : VX0619MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619MBL01

Quant Time: Jun 20 05:15:36 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	109261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70127	46.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.800%
35) Dibromofluoromethane	5.397	113	59390	49.753	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	8.647	98	216339	50.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	76583	47.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.800%

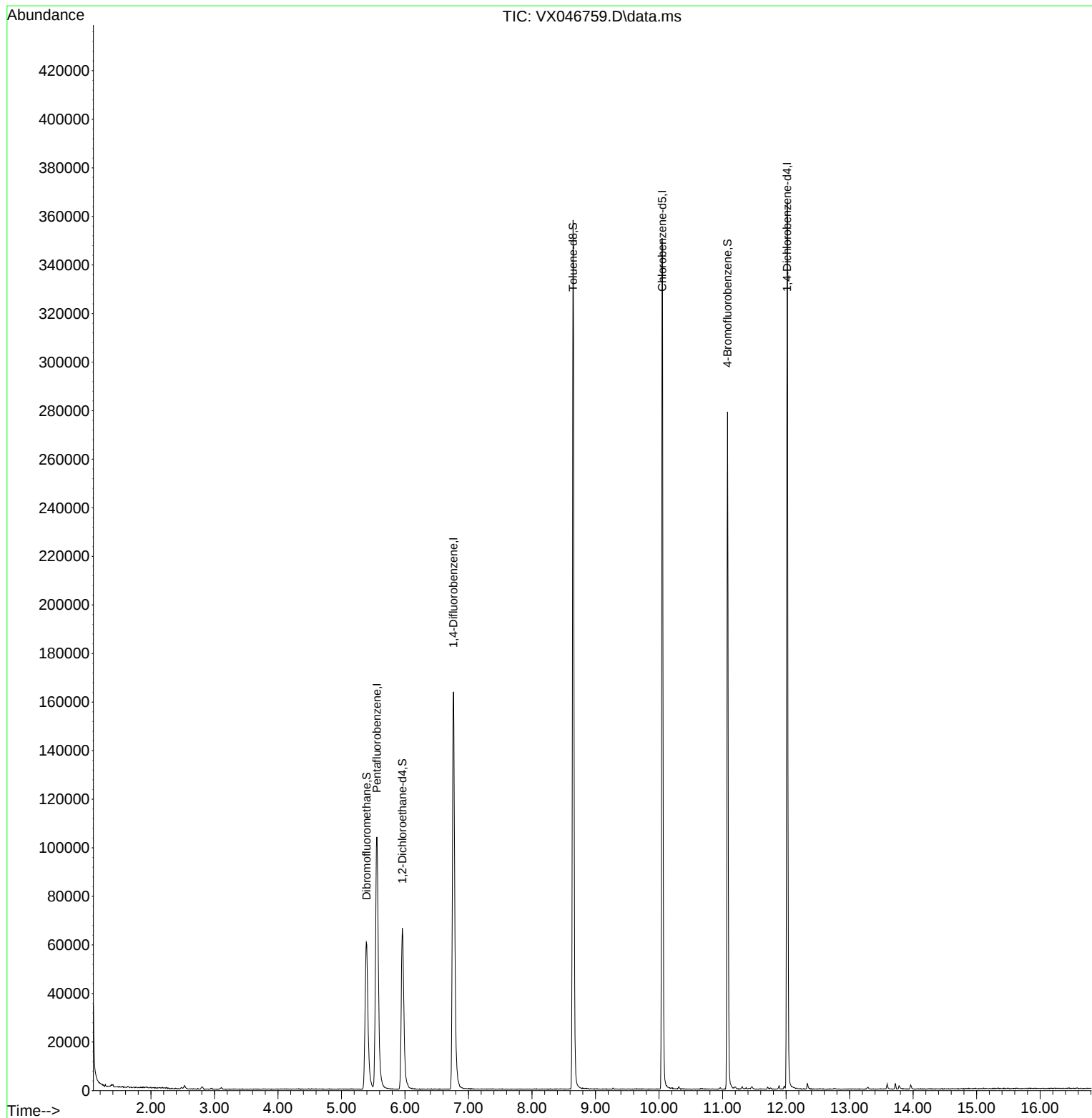
Target Compounds	Qvalue

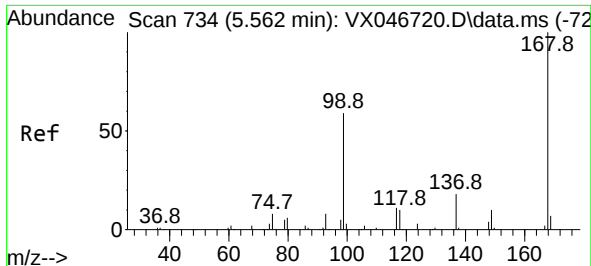
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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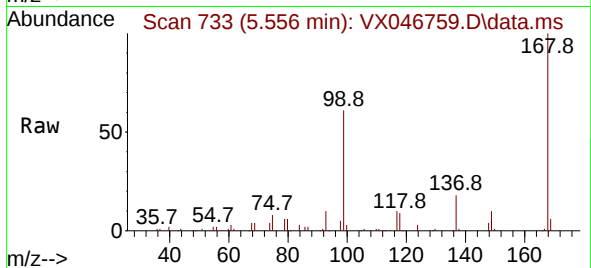
Quant Time: Jun 20 05:15:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
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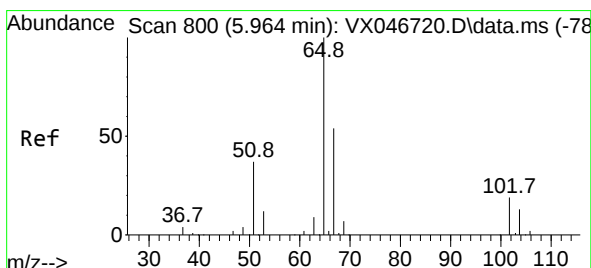
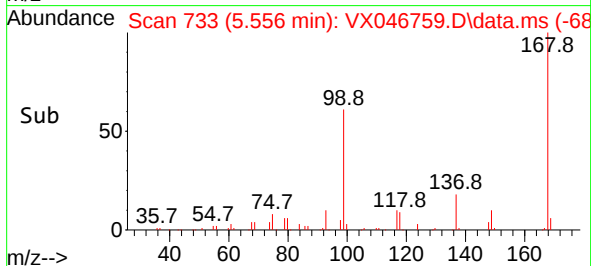
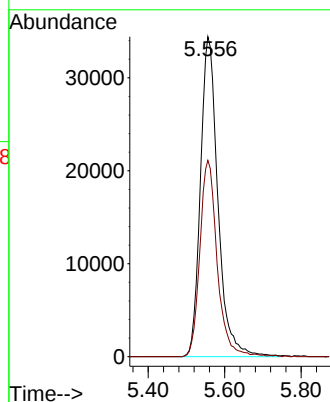


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

Instrument :
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ClientSampleId :
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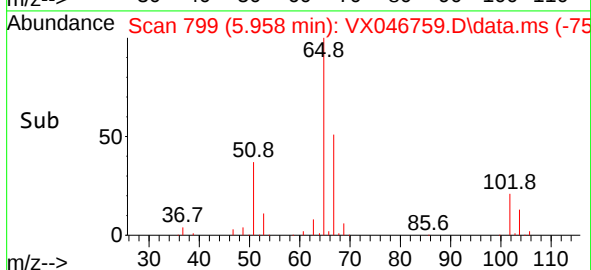
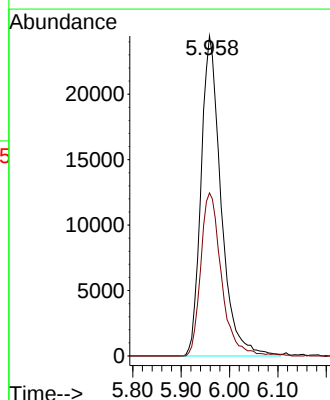
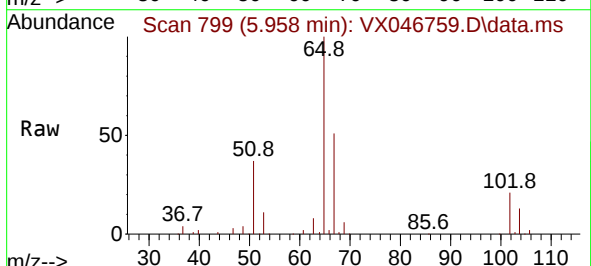


Tgt Ion:168 Resp: 109261
Ion Ratio Lower Upper
168 100
99 61.4 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 46.403 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

Tgt Ion: 65 Resp: 70127
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

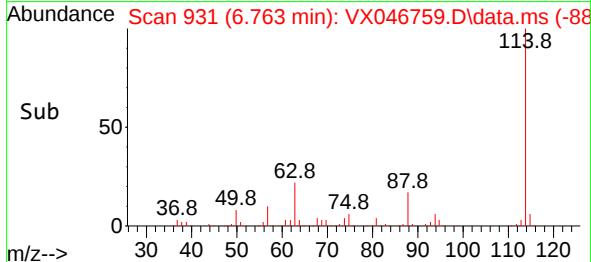
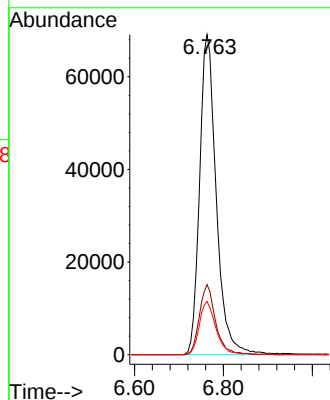
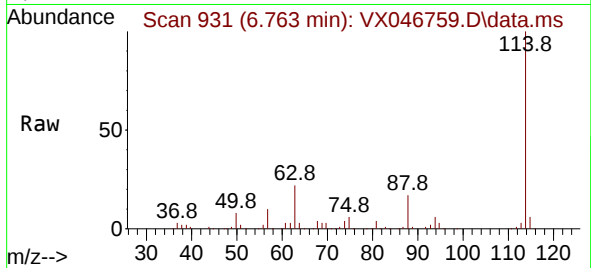




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

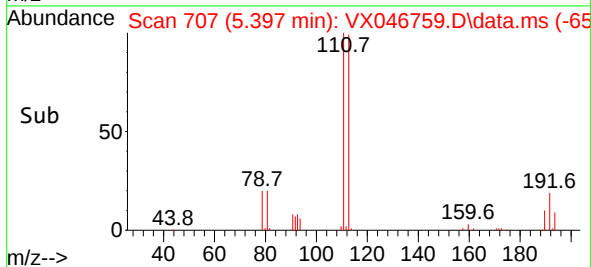
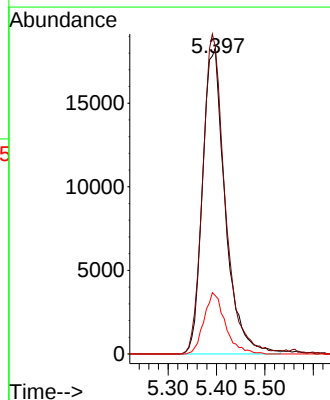
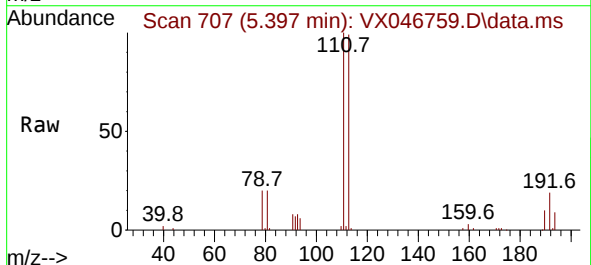
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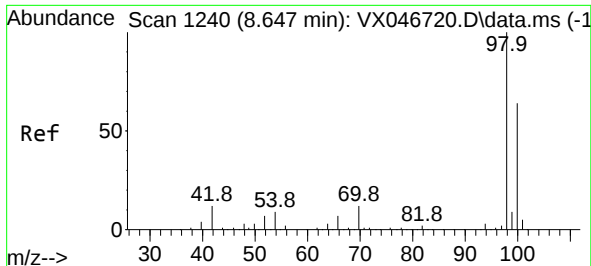
Tgt Ion:114 Resp: 180416
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.753 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

Tgt Ion:113 Resp: 59390
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 18.9 15.3 22.9

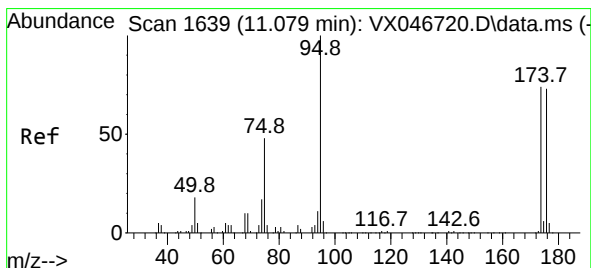
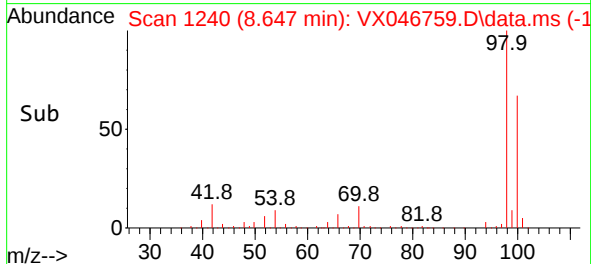
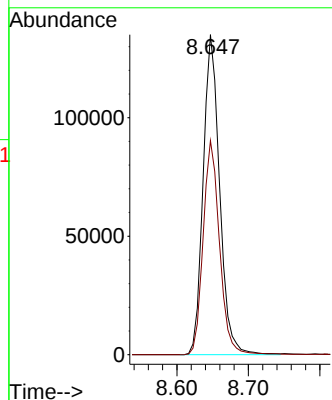
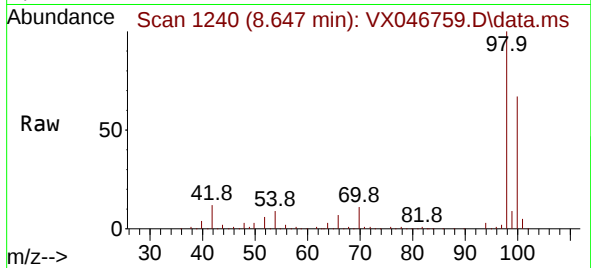




#50
Toluene-d8
Concen: 50.445 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

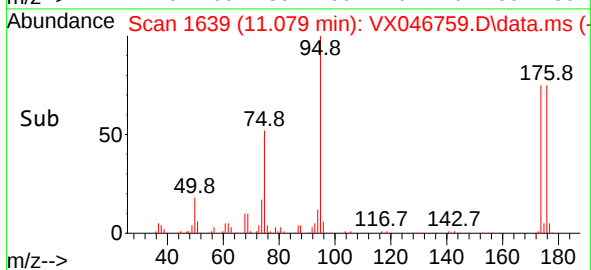
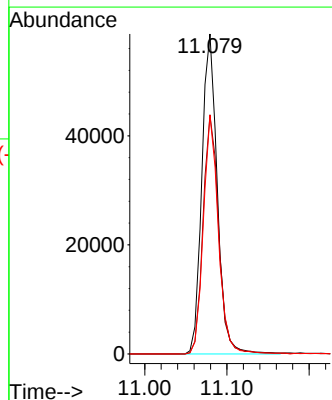
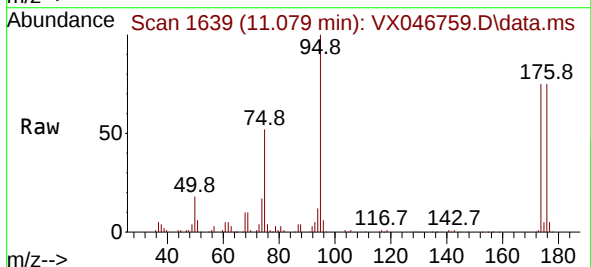
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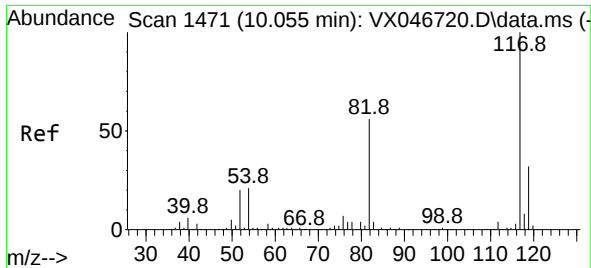
Tgt Ion: 98 Resp: 216339
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

Tgt Ion: 95 Resp: 76583
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 72.8 0.0 145.0

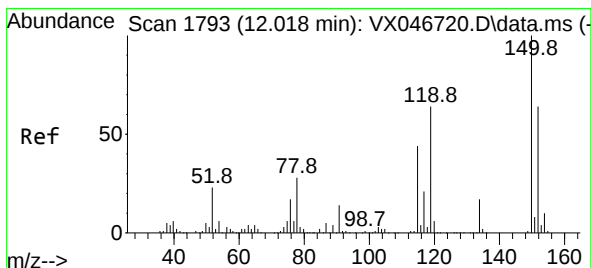
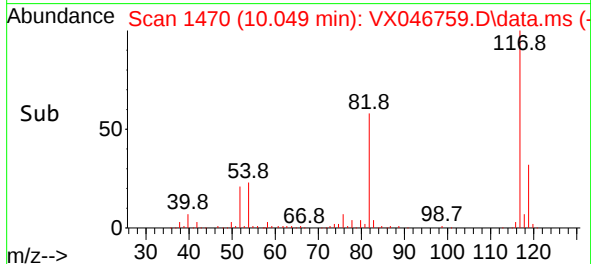
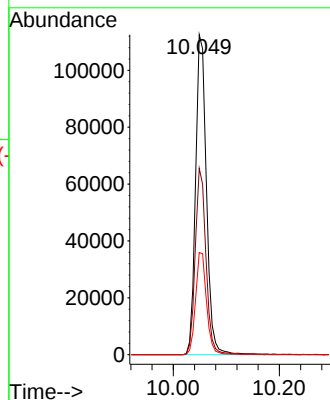
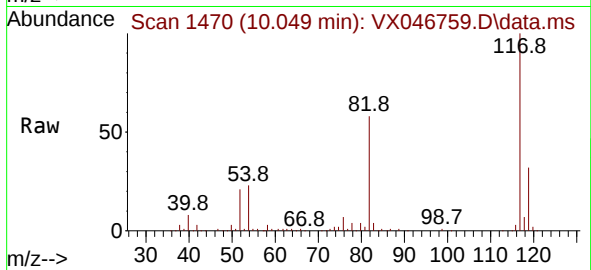




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046759.D
Acq: 19 Jun 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0619MBL01

Tgt Ion:117 Resp: 159921
Ion Ratio Lower Upper
117 100
82 58.3 44.6 66.8
119 31.9 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: VX046759.D
Acq: 19 Jun 2025 10:12

Tgt Ion:152 Resp: 74912
Ion Ratio Lower Upper
152 100
115 61.0 43.2 129.6
150 158.8 0.0 346.8

