

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047572.D
 Acq On : 02 Sep 2025 10:22
 Operator : JC/MD
 Sample : VX0902MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902MBL01

Quant Time: Sep 03 02:12:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	179585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	357090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	179432	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147723	53.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.140%
35) Dibromofluoromethane	5.397	113	125503	51.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	8.647	98	445730	51.886	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.780%
62) 4-Bromofluorobenzene	11.079	95	180082	55.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.600%

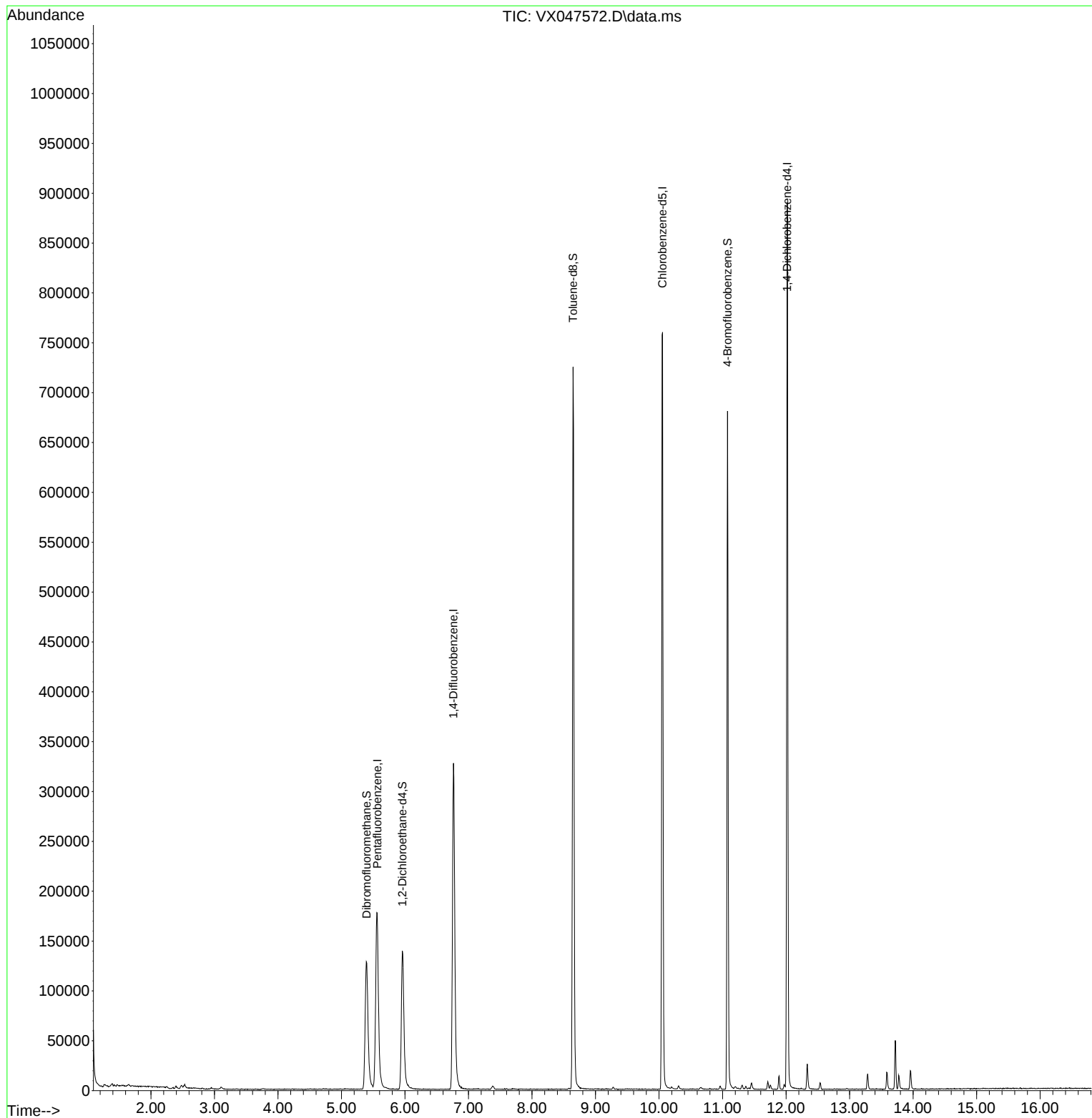
Target Compounds	Qvalue

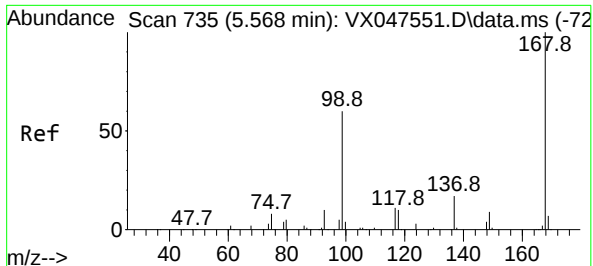
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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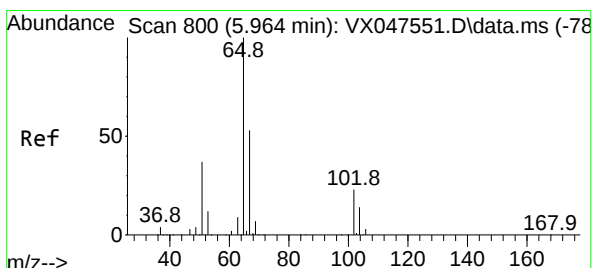
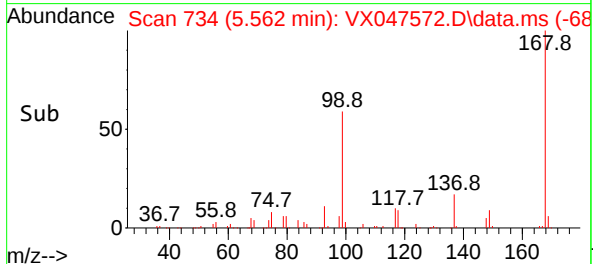
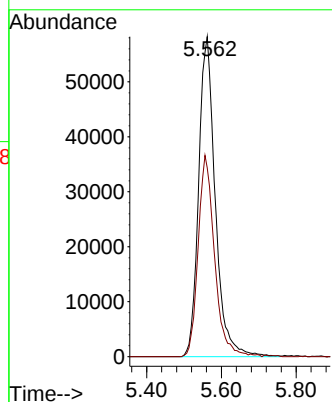
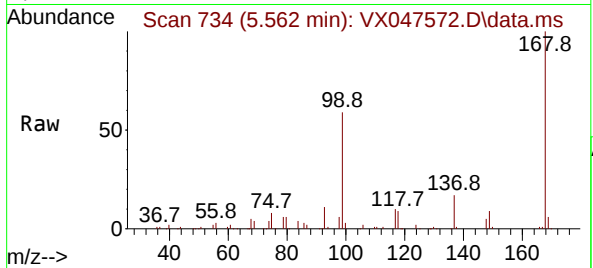




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

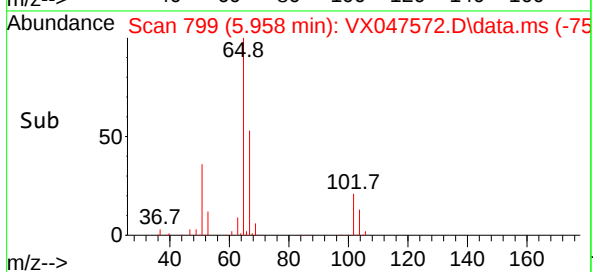
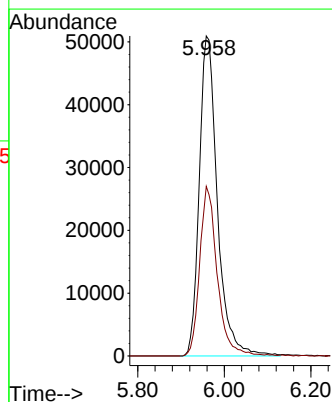
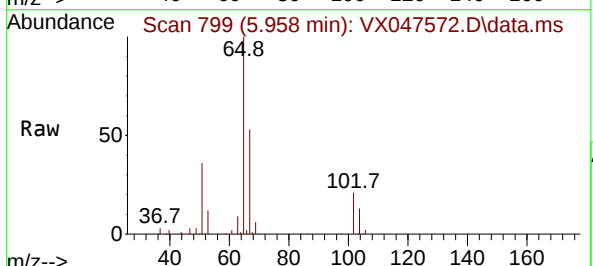
Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

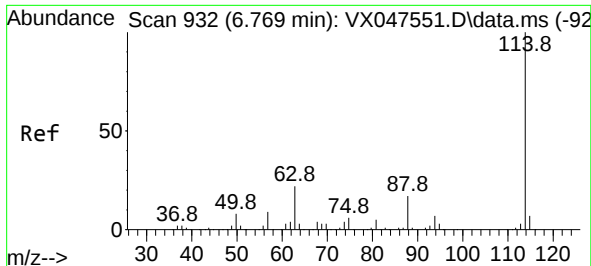
Tgt Ion:168 Resp: 179585
Ion Ratio Lower Upper
168 100
99 59.0 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 53.566 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 65 Resp: 147723
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

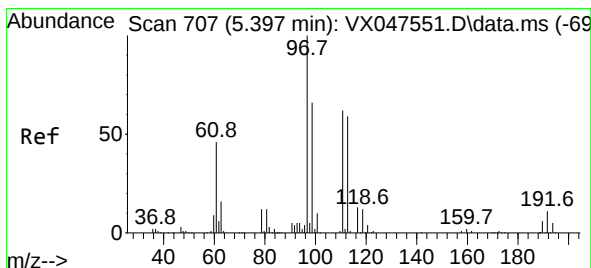
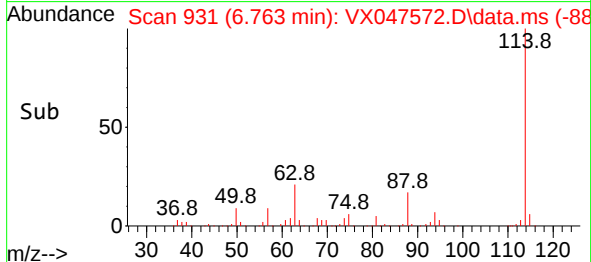
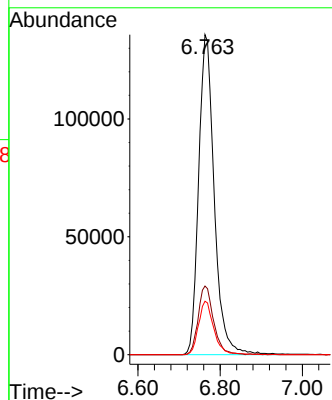
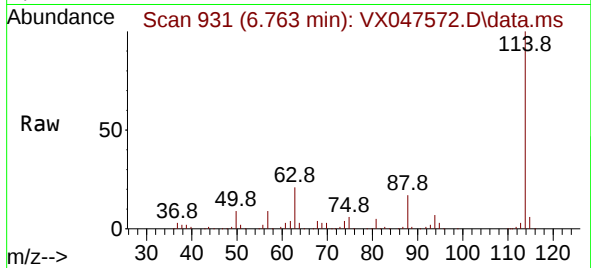




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

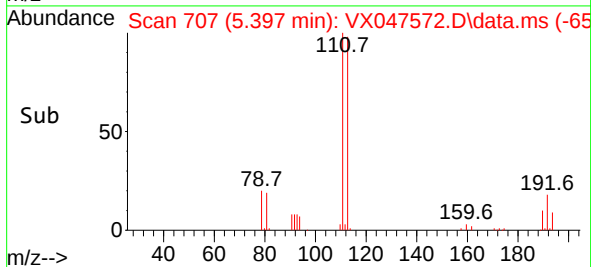
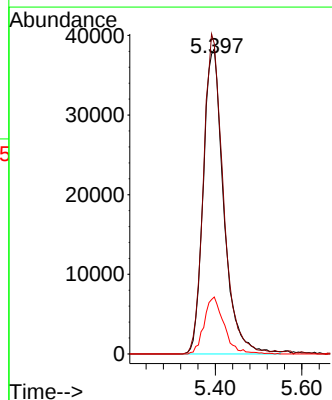
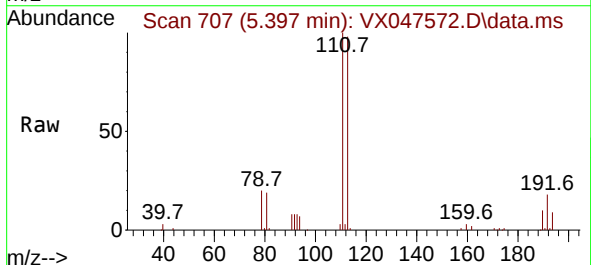
Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

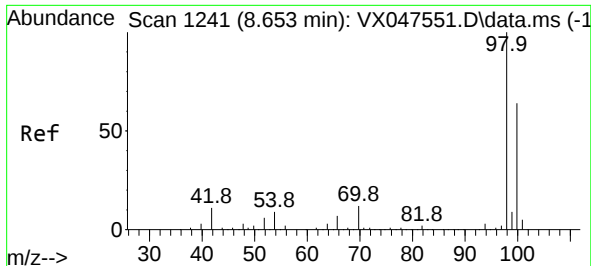
Tgt Ion:114 Resp: 357090
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.6
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:113 Resp: 125503
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 18.3 14.2 21.4

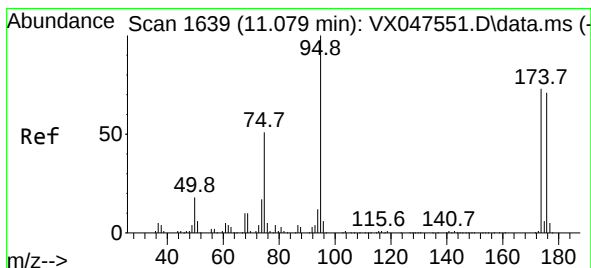
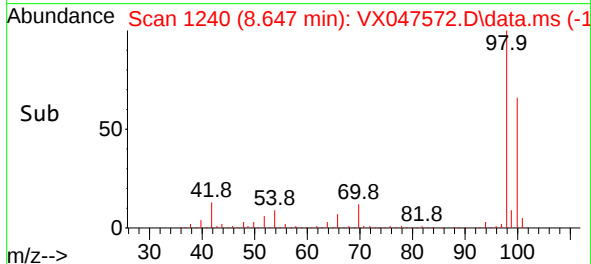
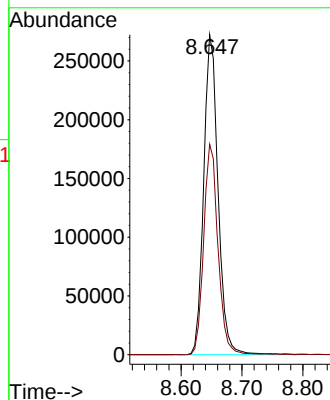
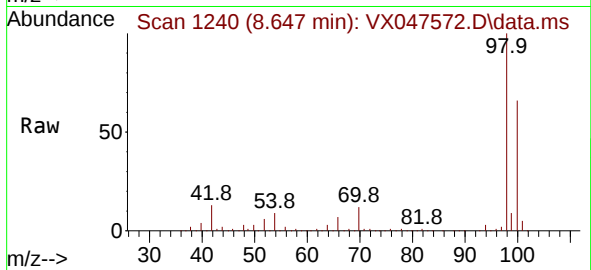




#50
Toluene-d8
Concen: 51.886 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

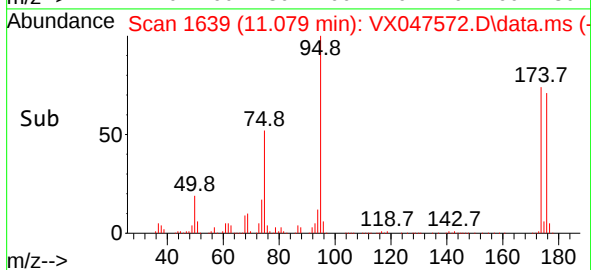
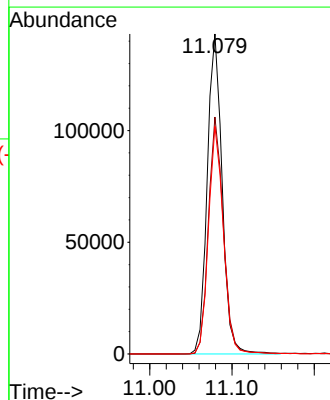
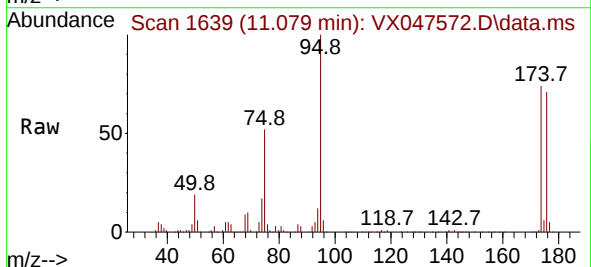
Instrument :
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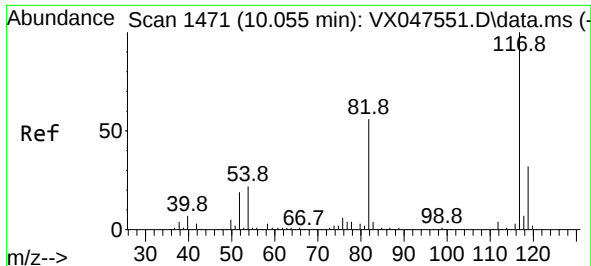
Tgt Ion: 98 Resp: 445730
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion: 95 Resp: 180082
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 71.4 0.0 140.4

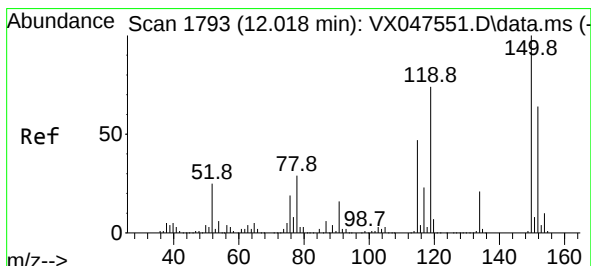
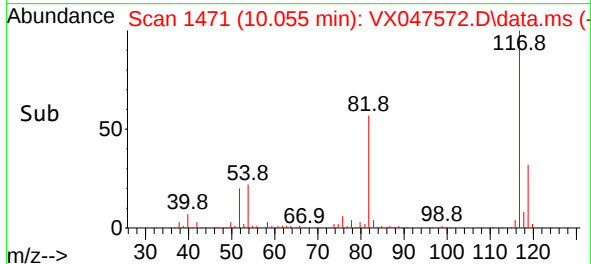
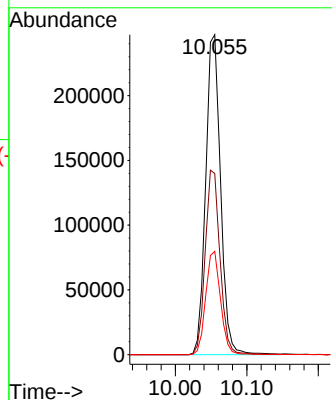
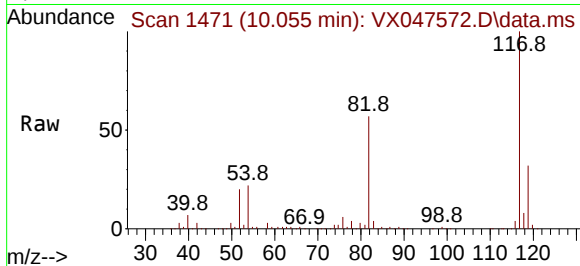




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Instrument :
MSVOA_X
ClientSampleId :
VX0902MBL01

Tgt Ion:117 Resp: 358182
Ion Ratio Lower Upper
117 100
82 56.6 44.6 66.8
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047572.D
Acq: 02 Sep 2025 10:22

Tgt Ion:152 Resp: 179432
Ion Ratio Lower Upper
152 100
115 61.4 42.9 128.5
150 155.2 0.0 351.0

