

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090225\
 Data File : VX047573.D
 Acq On : 02 Sep 2025 10:43
 Operator : JC/MD
 Sample : VX0902WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL01

Quant Time: Sep 03 02:12:34 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	329307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	667815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	660687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	325255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	272217	53.830	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.660%
35) Dibromofluoromethane	5.397	113	232593	50.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.500%
50) Toluene-d8	8.653	98	819224	50.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.980%
62) 4-Bromofluorobenzene	11.079	95	338775	56.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.260%

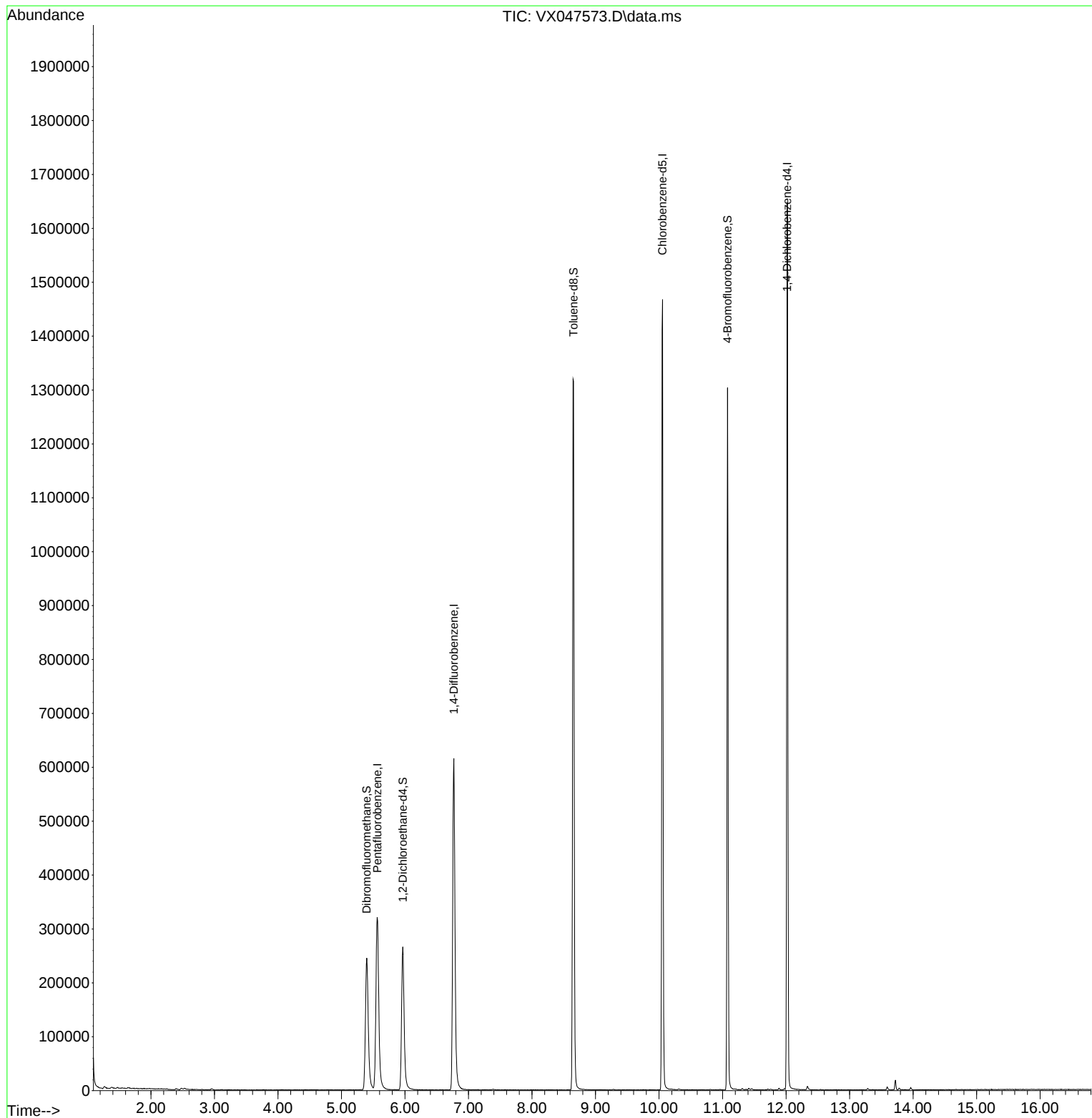
Target Compounds	Qvalue

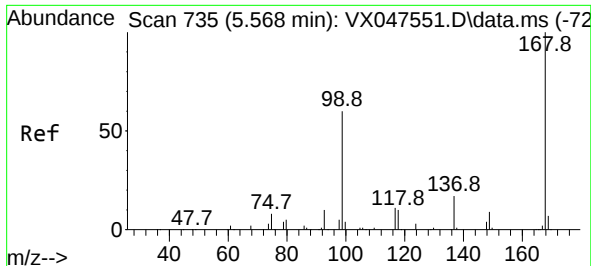
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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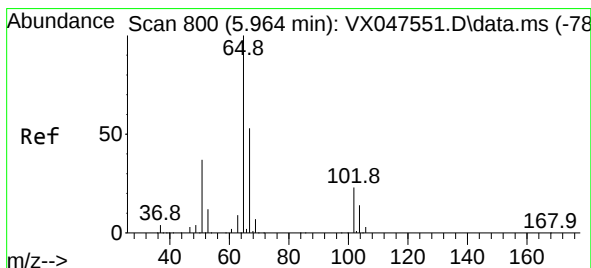
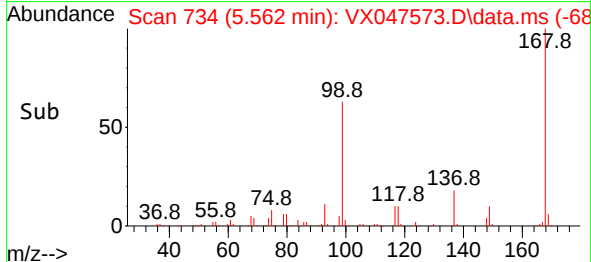
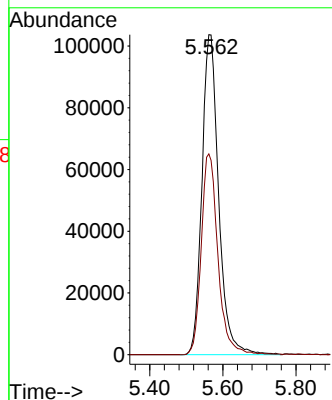
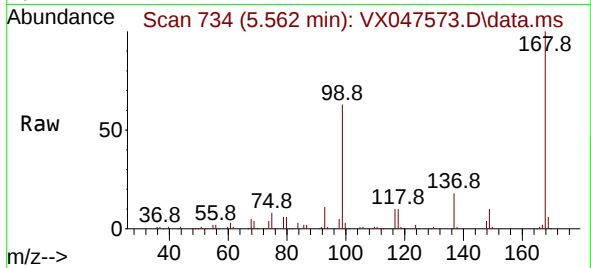




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

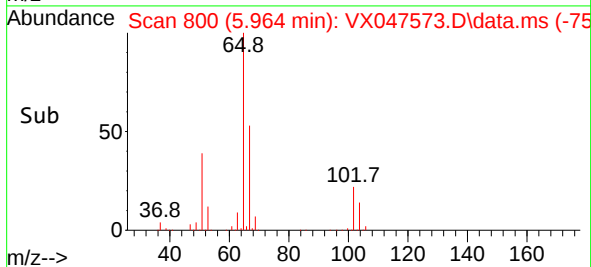
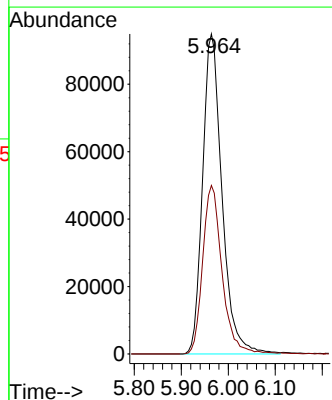
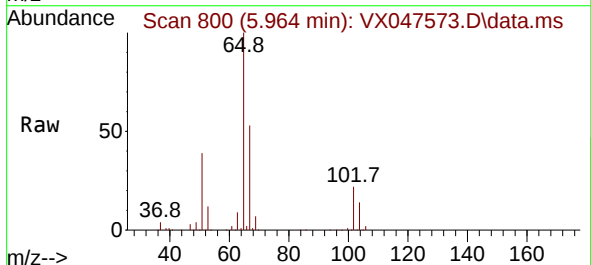
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

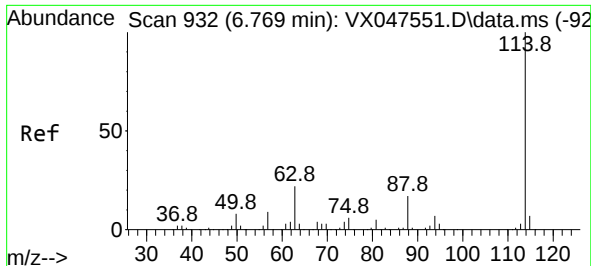
Tgt Ion:168 Resp: 329307
Ion Ratio Lower Upper
168 100
99 62.8 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 53.830 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 65 Resp: 272217
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

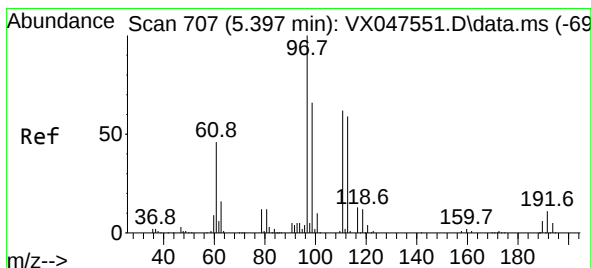
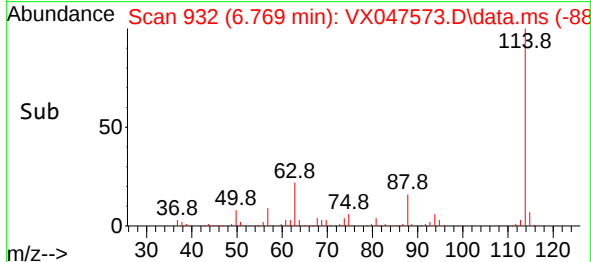
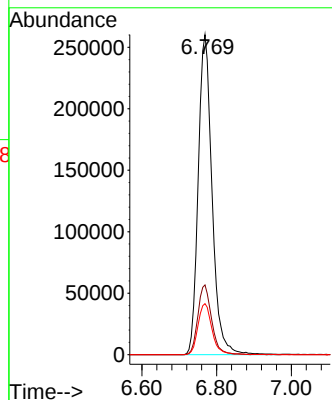
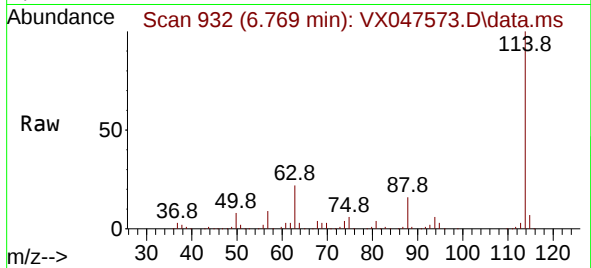




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX047573.D
 Acq: 02 Sep 2025 10:43

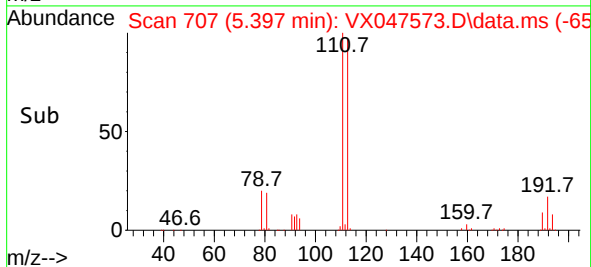
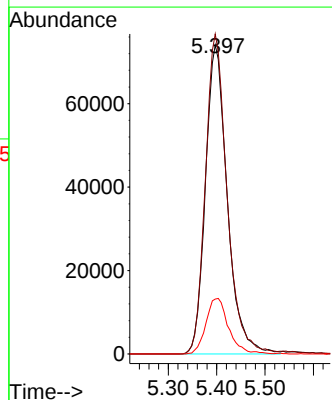
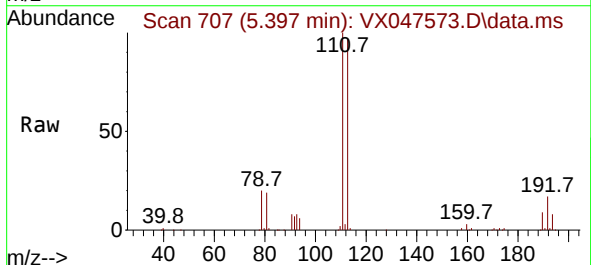
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBL01

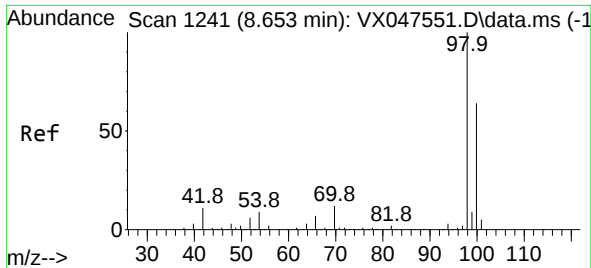
Tgt Ion:114 Resp: 667815
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 15.9 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 50.746 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX047573.D
 Acq: 02 Sep 2025 10:43

Tgt Ion:113 Resp: 232593
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.2 121.8
 192 18.6 14.2 21.4

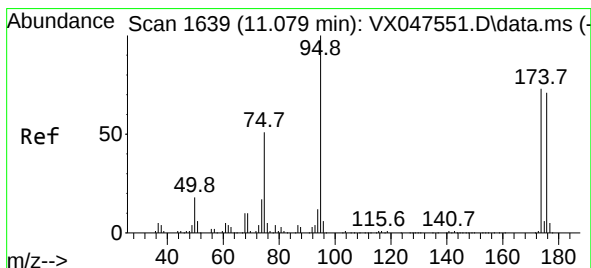
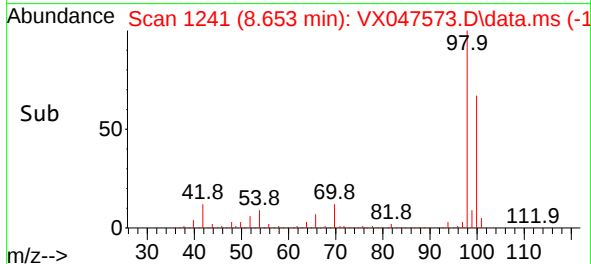
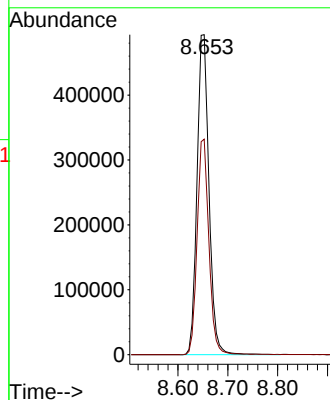
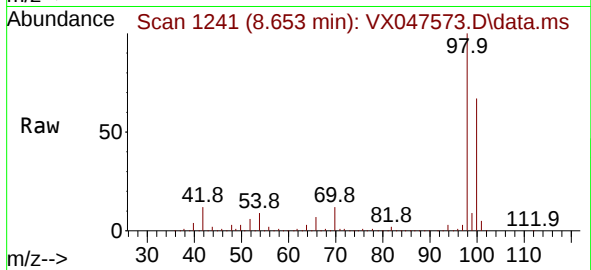




#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

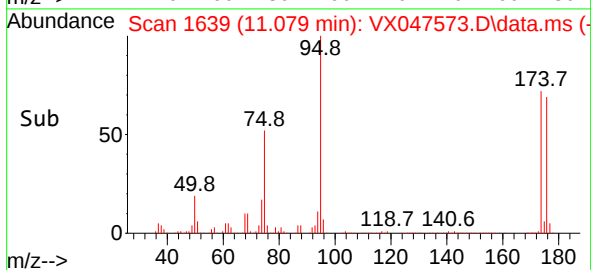
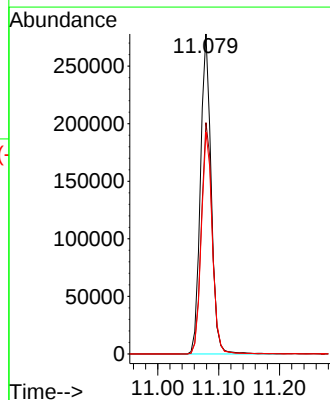
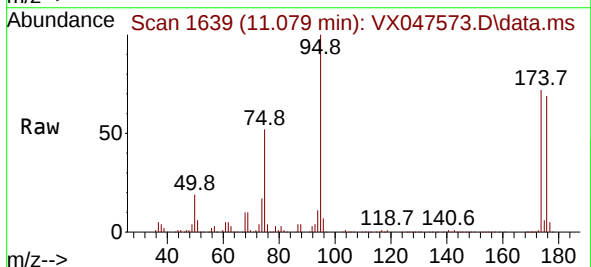
Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

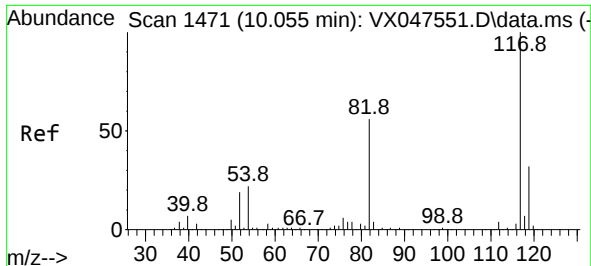
Tgt Ion: 98 Resp: 819224
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 56.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion: 95 Resp: 338775
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 71.1 0.0 140.4

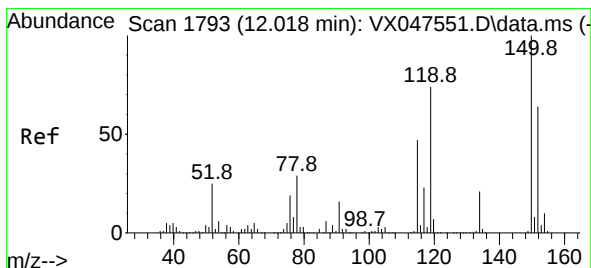
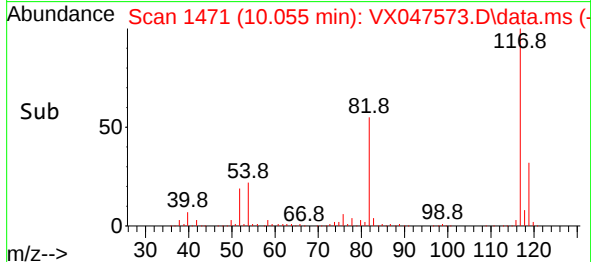
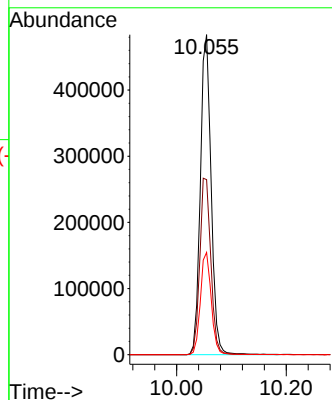
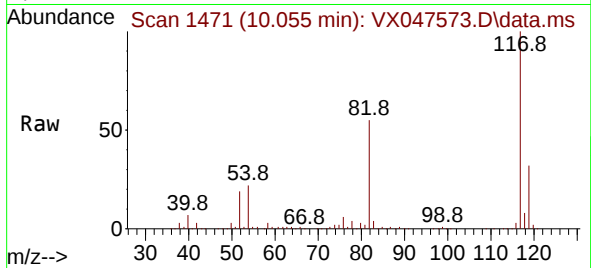




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047573.D
Acq: 02 Sep 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX0902WBL01

Tgt Ion:117 Resp: 660687
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.0 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: VX047573.D
Acq: 02 Sep 2025 10:43

Tgt Ion:152 Resp: 325255
Ion Ratio Lower Upper
152 100
115 61.2 42.9 128.5
150 156.5 0.0 351.0

