

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047311.D
 Acq On : 13 Aug 2025 11:02
 Operator : JC/MD
 Sample : VX0813WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

Quant Time: Aug 14 03:24:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	202155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	360108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145798	57.897	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.800%
35) Dibromofluoromethane	5.397	113	126048	56.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.380%
50) Toluene-d8	8.647	98	338862	47.061	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.120%
62) 4-Bromofluorobenzene	11.079	95	166185	53.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.120%

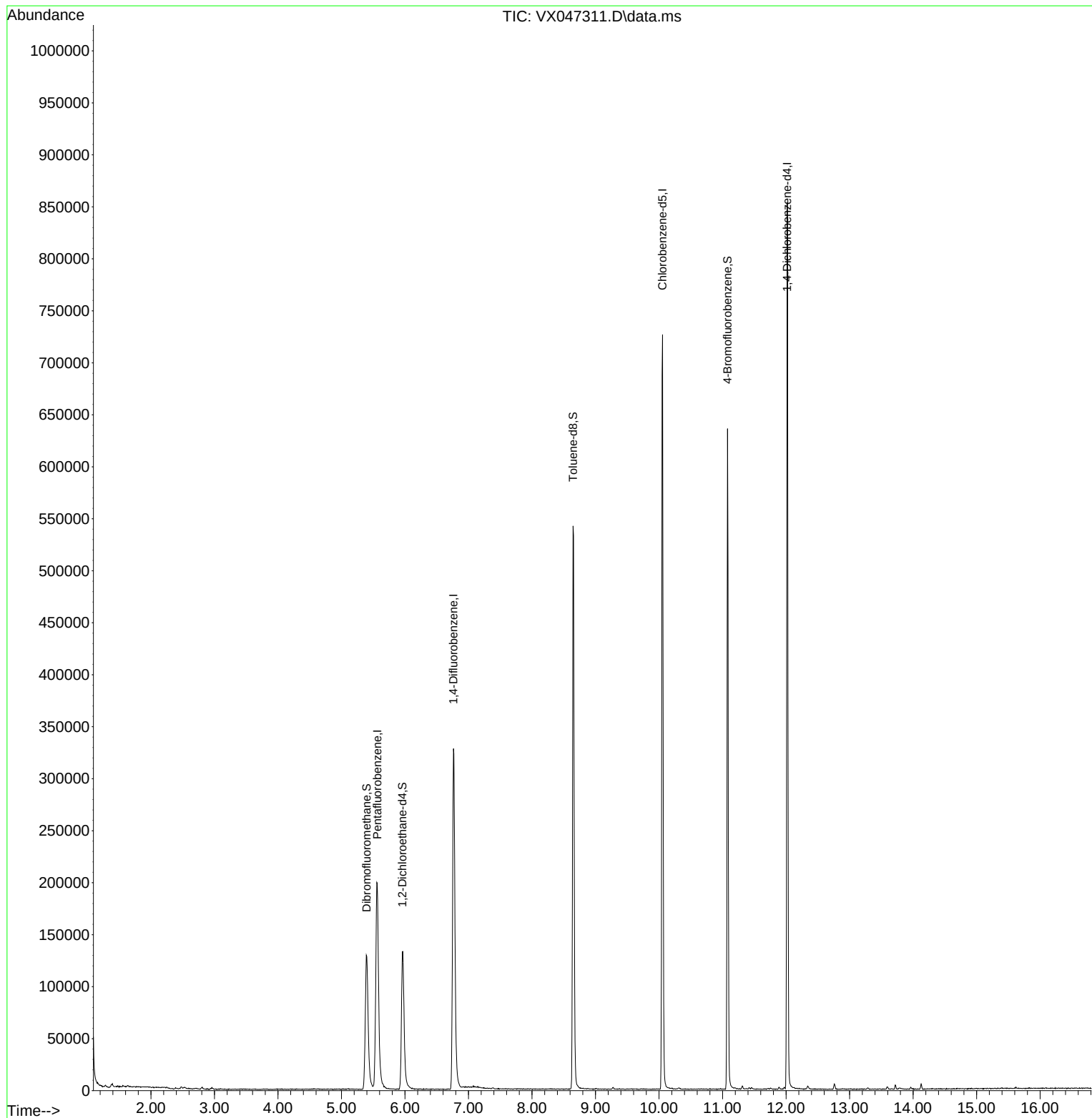
Target Compounds	Qvalue

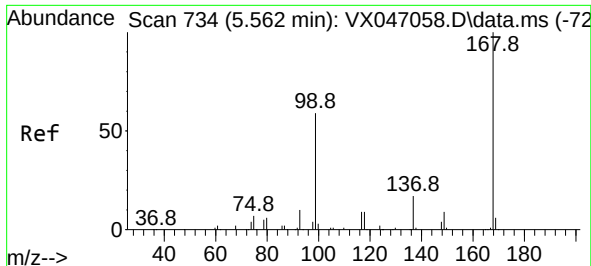
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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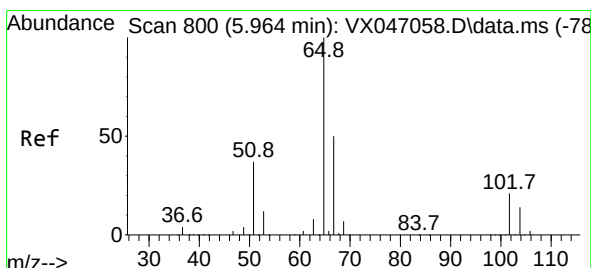
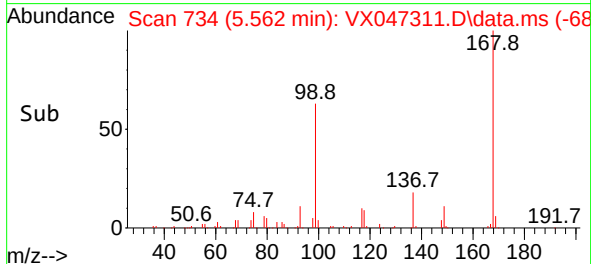
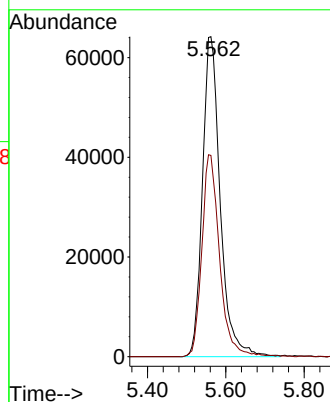
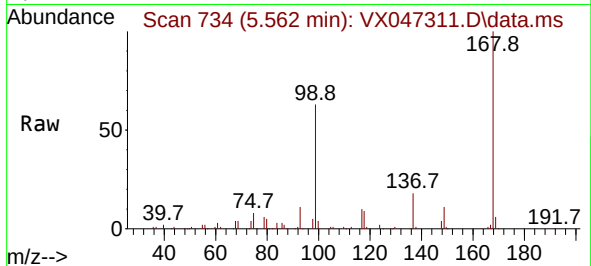




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

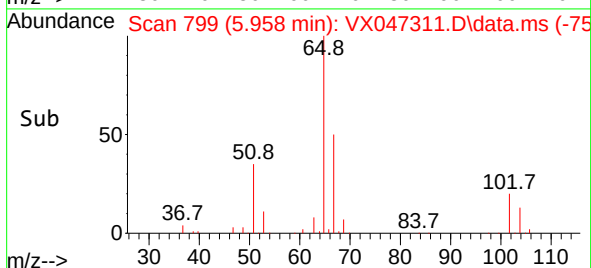
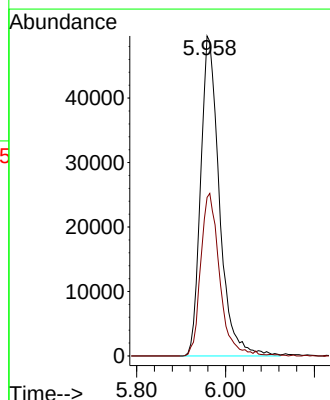
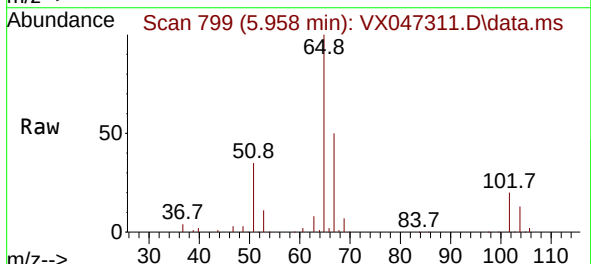
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

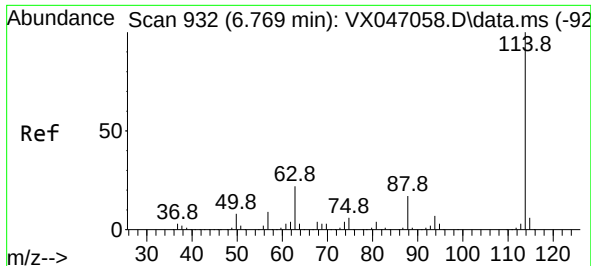
Tgt Ion:168 Resp: 202155
Ion Ratio Lower Upper
168 100
99 62.9 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 57.897 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 65 Resp: 145798
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

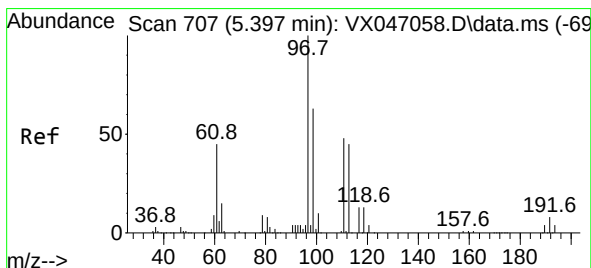
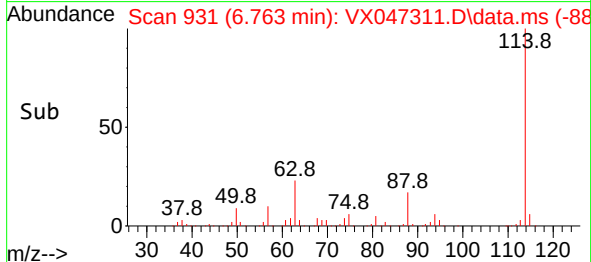
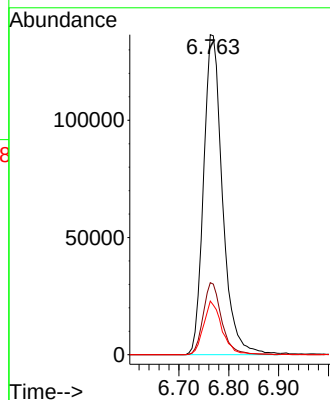
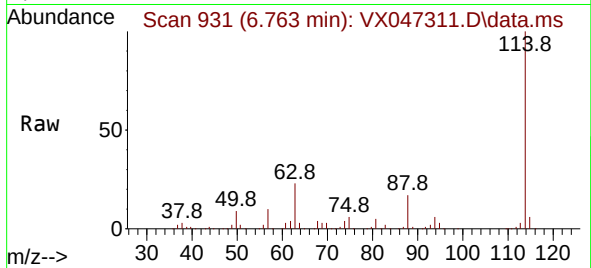




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

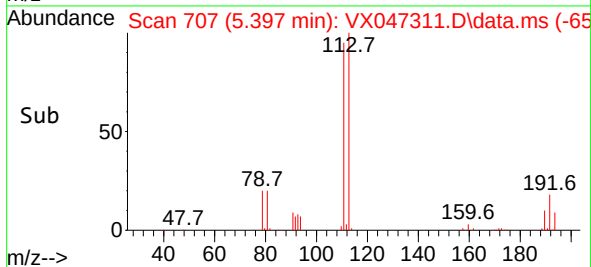
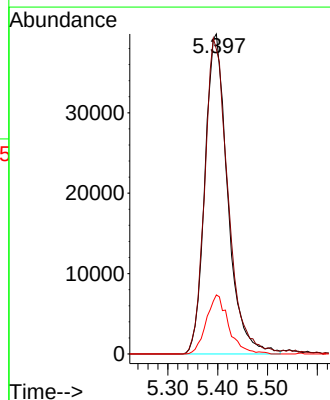
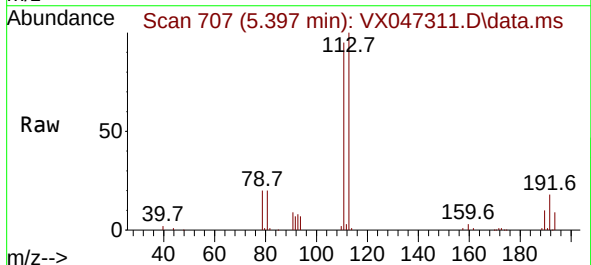
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBL01

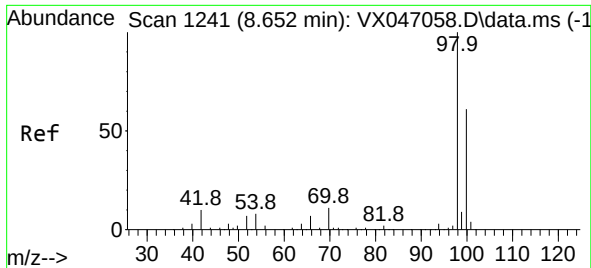
Tgt Ion:114 Resp: 360108
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 16.7 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 56.691 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX047311.D
 Acq: 13 Aug 2025 11:02

Tgt Ion:113 Resp: 126048
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.6 124.0
 192 18.2 14.9 22.3

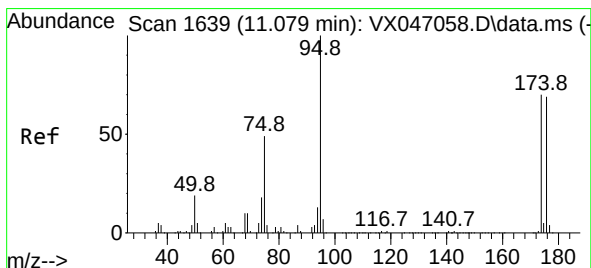
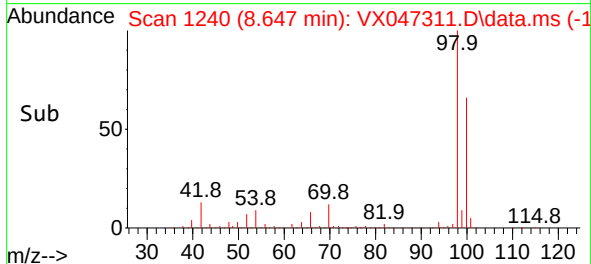
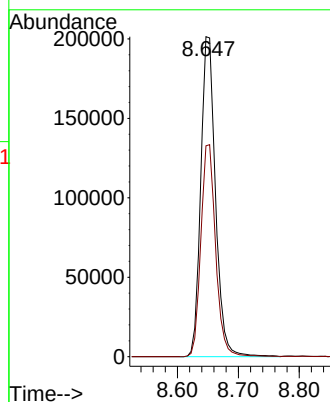
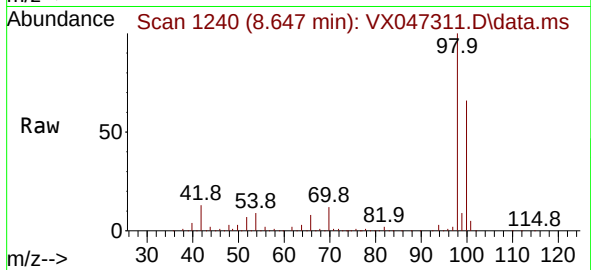




#50
Toluene-d8
Concen: 47.061 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

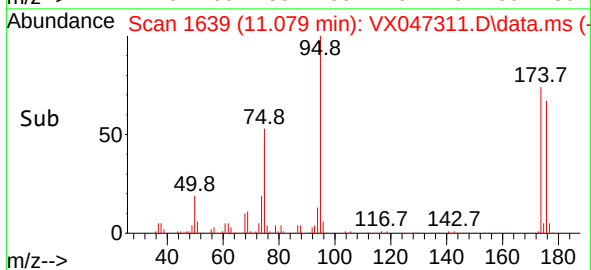
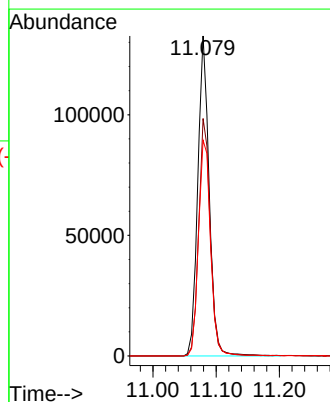
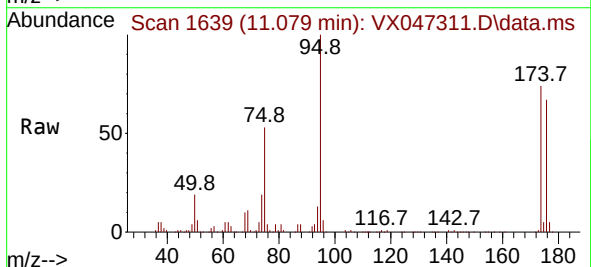
Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

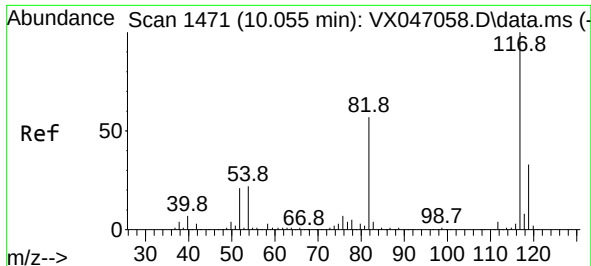
Tgt Ion: 98 Resp: 338862
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion: 95 Resp: 166185
Ion Ratio Lower Upper
95 100
174 76.1 0.0 144.6
176 71.7 0.0 139.6

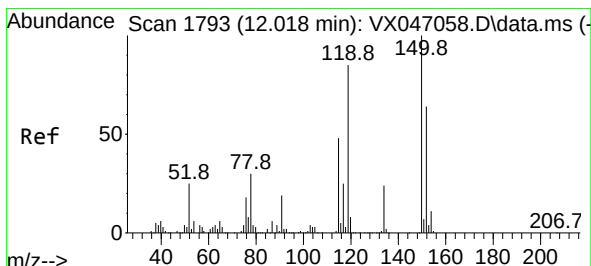
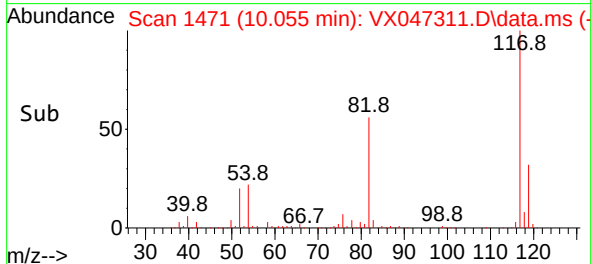
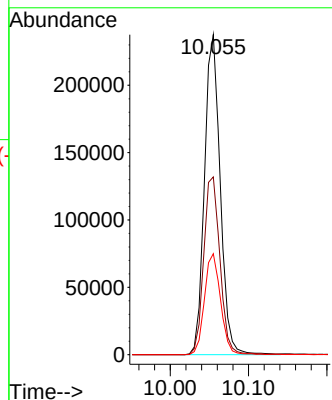
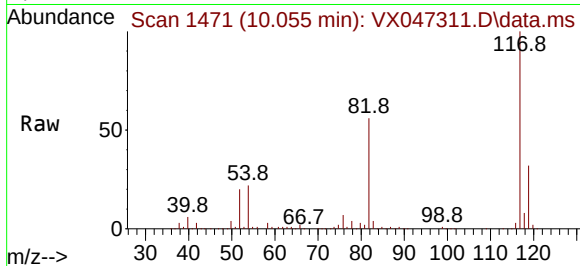




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0813WBL01

Tgt Ion:117 Resp: 331541
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047311.D
Acq: 13 Aug 2025 11:02

Tgt Ion:152 Resp: 172532
Ion Ratio Lower Upper
152 100
115 61.3 45.6 136.7
150 160.3 0.0 354.6

