

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047310.D
 Acq On : 13 Aug 2025 10:12
 Operator : JC/MD
 Sample : VX0813MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813MBL01

Quant Time: Aug 14 03:24:15 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	221987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	425593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	208915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150937	54.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.160%
35) Dibromofluoromethane	5.391	113	128054	48.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.647	98	459447	53.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.980%
62) 4-Bromofluorobenzene	11.079	95	190190	51.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.720%

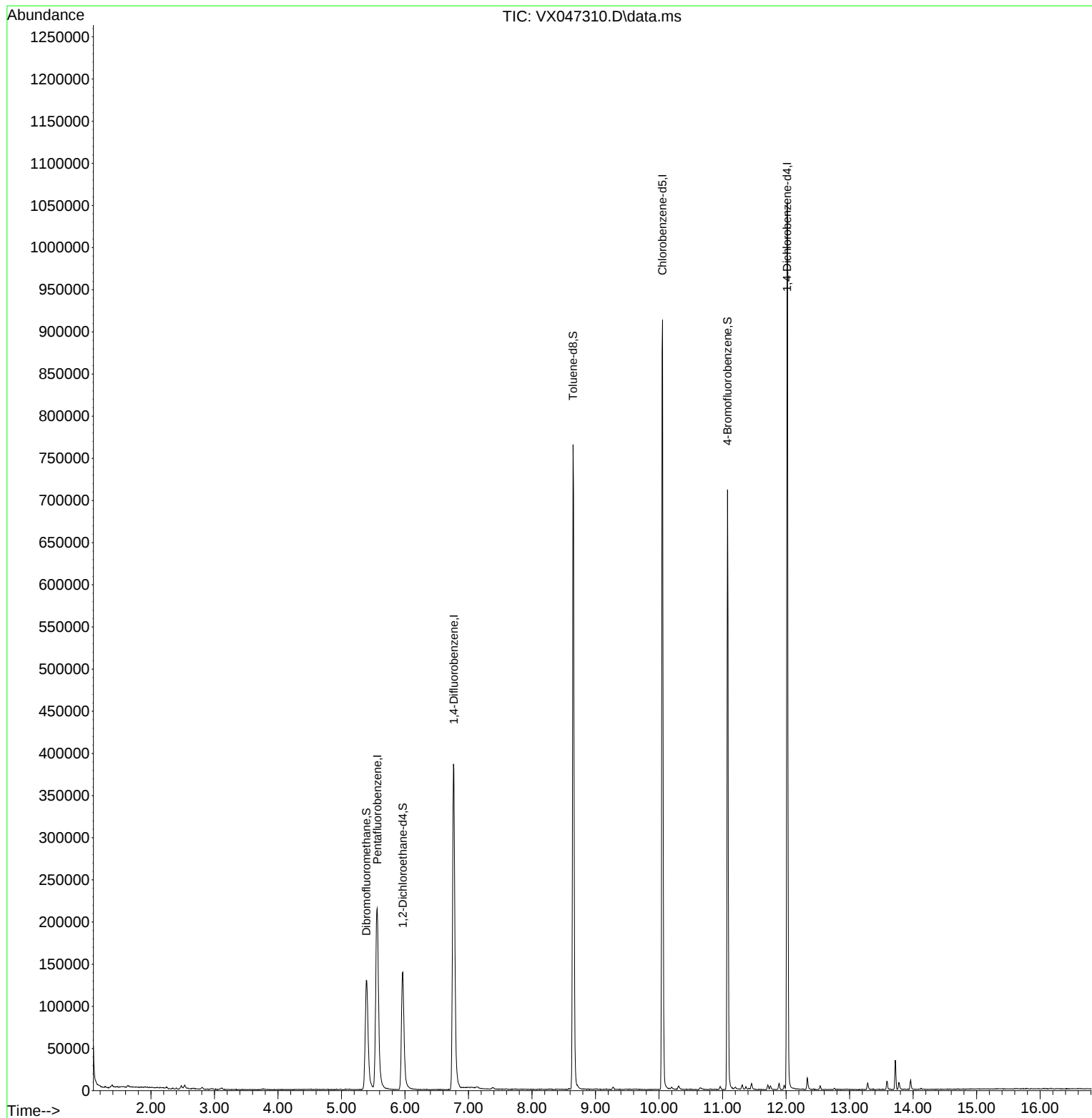
Target Compounds	Qvalue

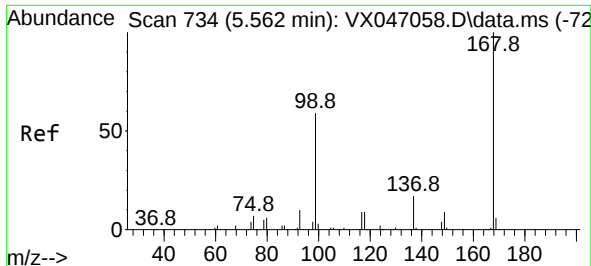
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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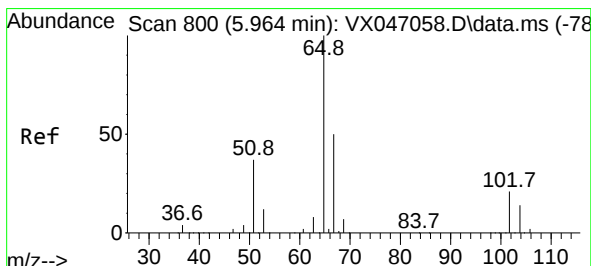
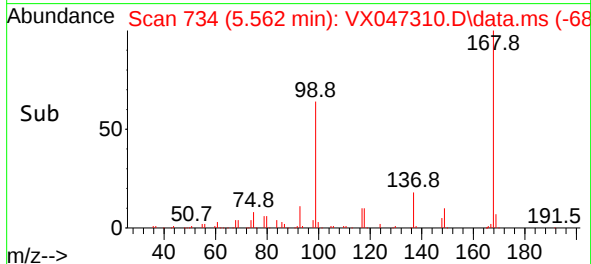
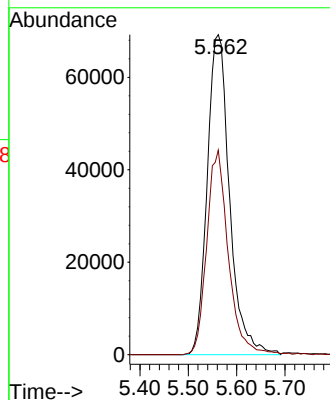
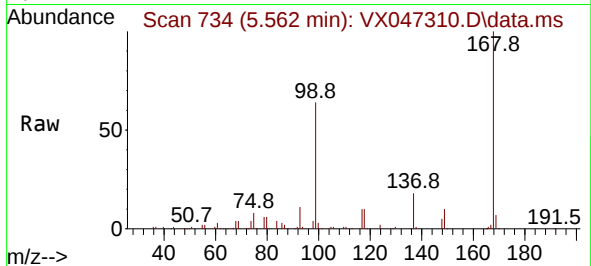




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

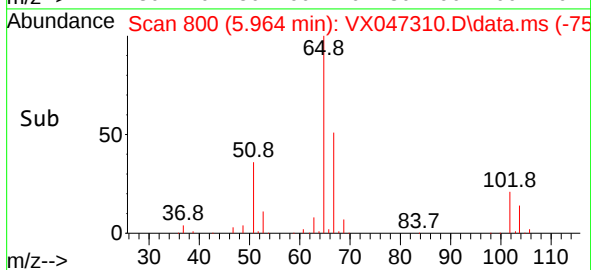
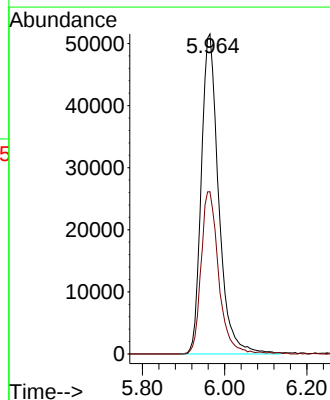
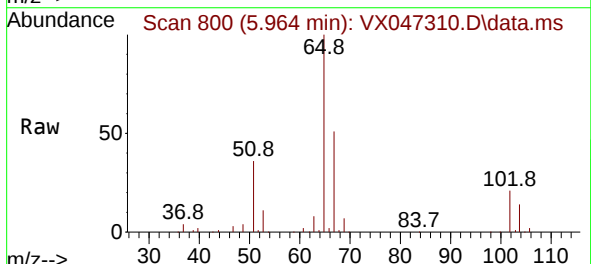
Instrument :
MSVOA_X
ClientSampleId :
VX0813MBL01

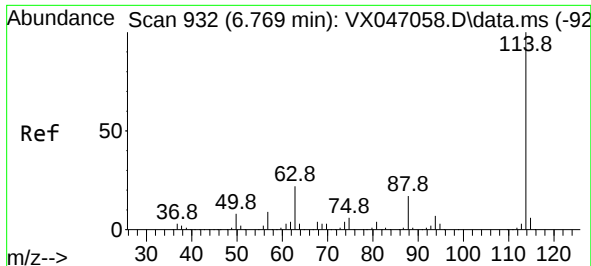
Tgt Ion:168 Resp: 221987
Ion Ratio Lower Upper
168 100
99 63.9 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 54.583 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

Tgt Ion: 65 Resp: 150937
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8

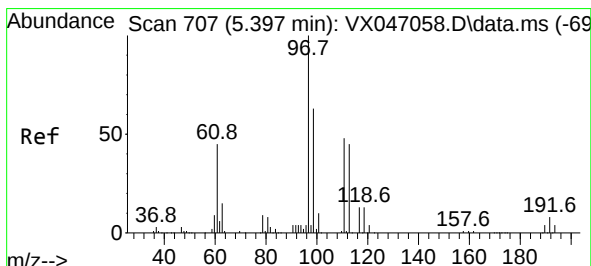
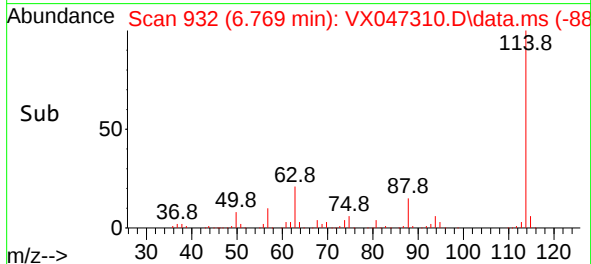
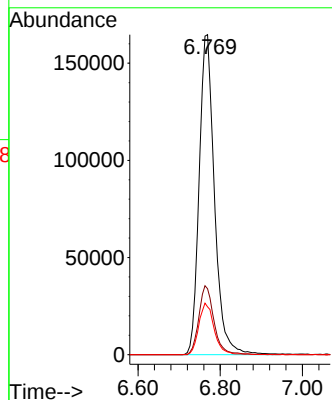
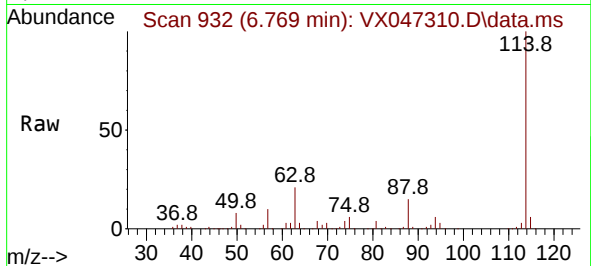




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

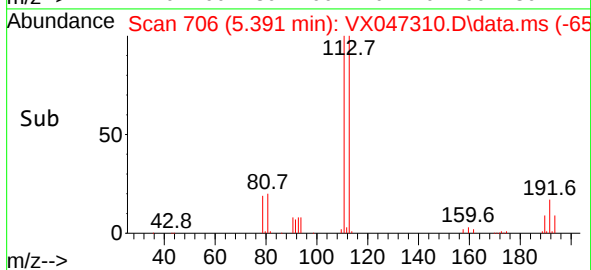
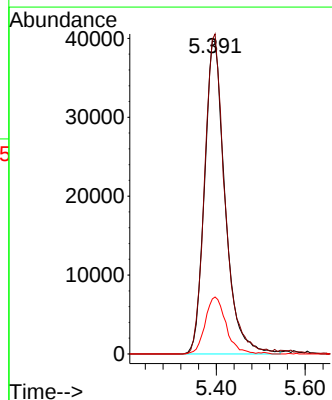
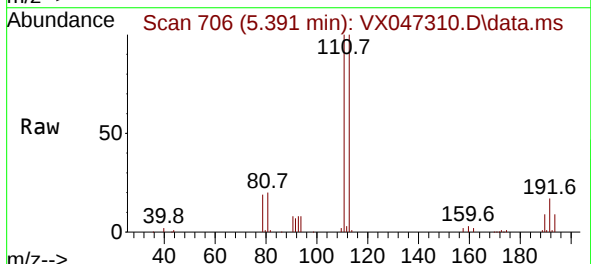
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ClientSampleId :
VX0813MBL01

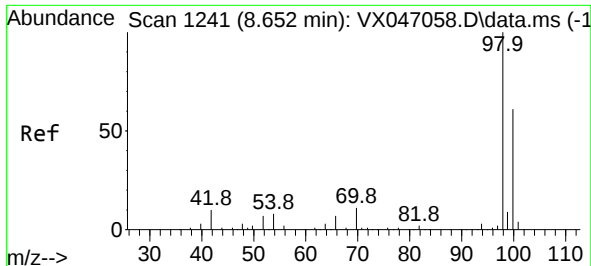
Tgt Ion:114 Resp: 425593
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 14.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.731 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

Tgt Ion:113 Resp: 128054
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 18.4 14.9 22.3

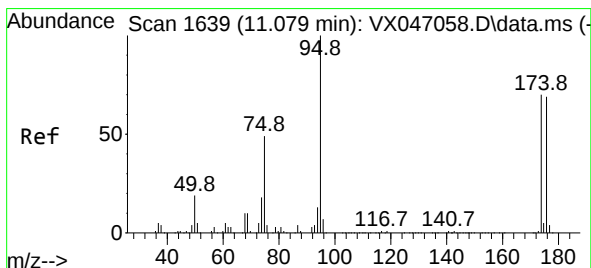
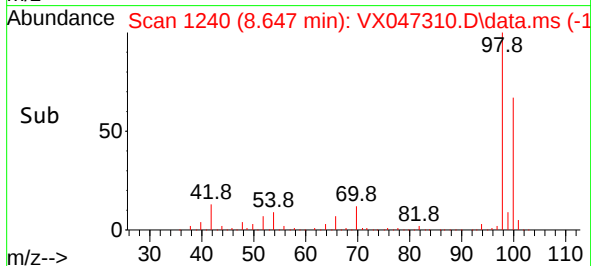
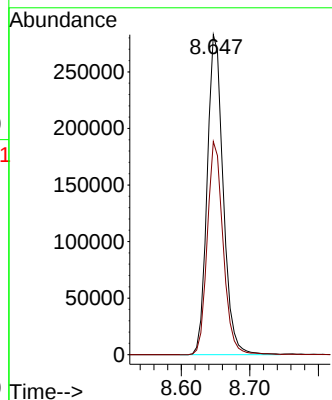
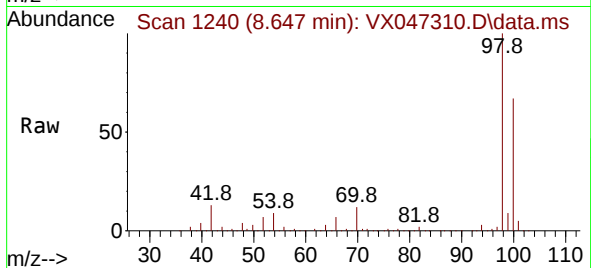




#50
Toluene-d8
Concen: 53.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

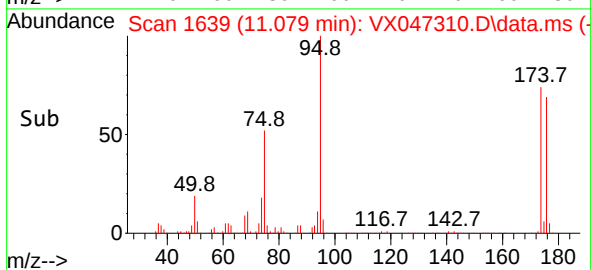
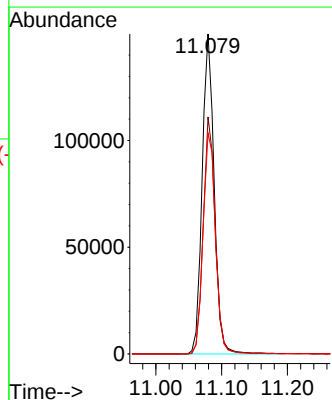
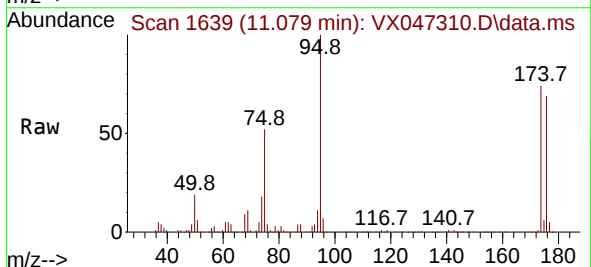
Instrument :
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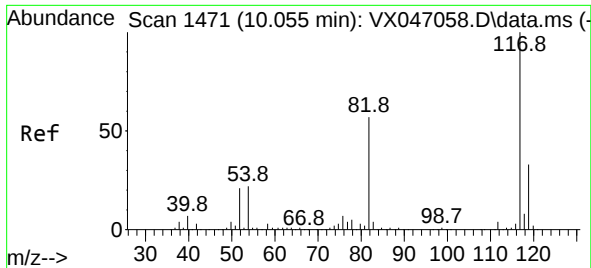
Tgt Ion: 98 Resp: 459447
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 51.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

Tgt Ion: 95 Resp: 190190
Ion Ratio Lower Upper
95 100
174 74.2 0.0 144.6
176 71.4 0.0 139.6

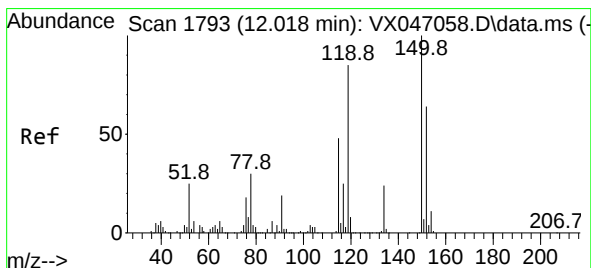
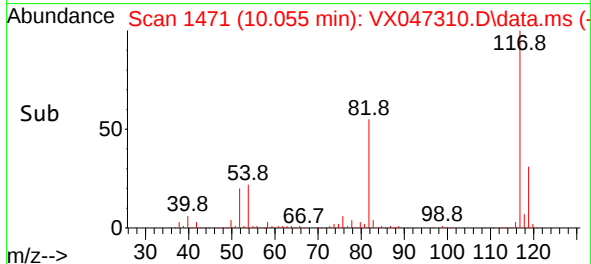
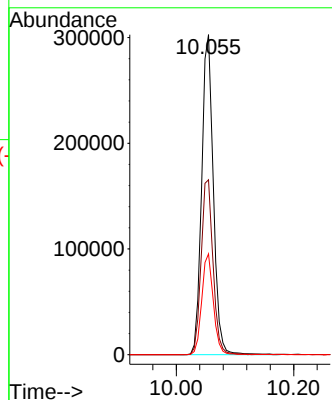
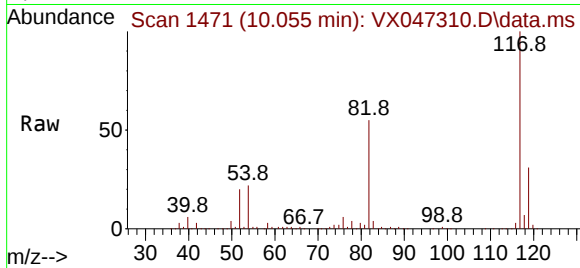




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047310.D
Acq: 13 Aug 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :
VX0813MBL01

Tgt Ion:117 Resp: 417665
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.2
119 31.5 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: VX047310.D
Acq: 13 Aug 2025 10:12

Tgt Ion:152 Resp: 208915
Ion Ratio Lower Upper
152 100
115 61.2 45.6 136.7
150 157.4 0.0 354.6

