

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047558.D
 Acq On : 29 Aug 2025 10:14
 Operator : JC/MD
 Sample : VX0829MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829MBL01

Quant Time: Aug 29 23:49:59 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	5.556	168	171489	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	340643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	171442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139195	52.856	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.720%
35) Dibromofluoromethane	5.391	113	117614	50.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.620%
50) Toluene-d8	8.647	98	418768	51.101	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.200%
62) 4-Bromofluorobenzene	11.079	95	174899	56.810	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.620%

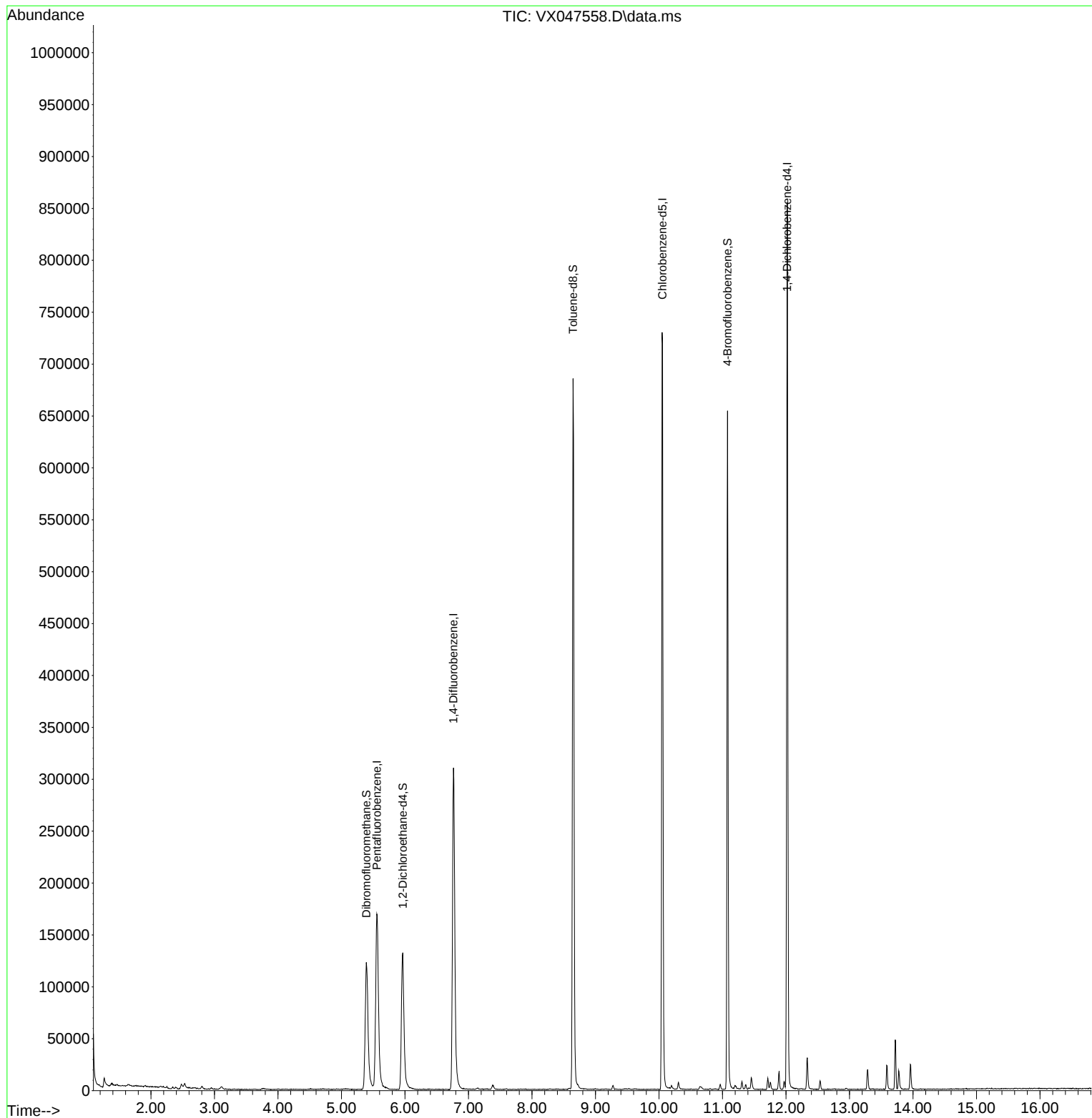
Target Compounds	Qvalue

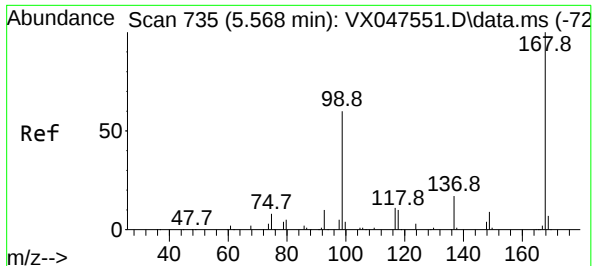
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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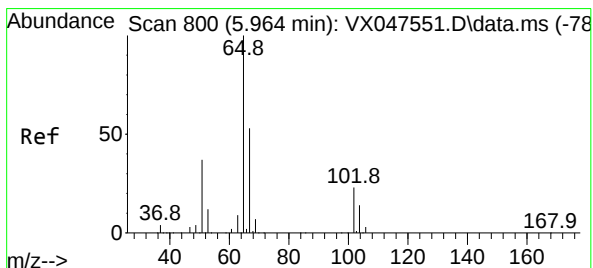
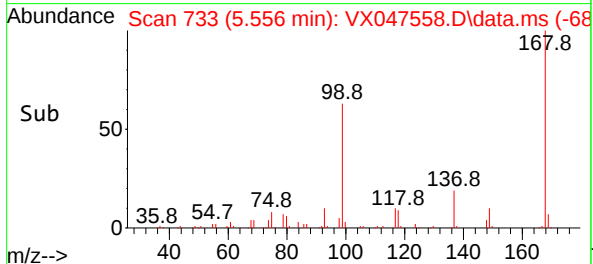
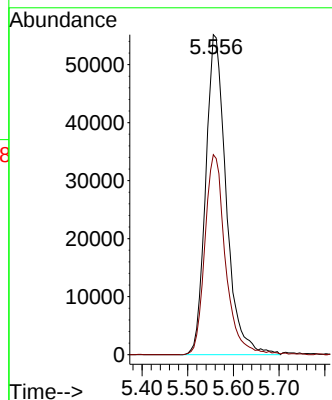
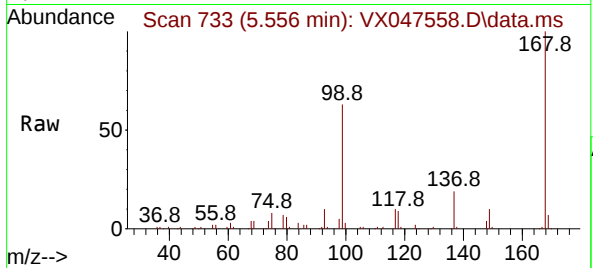




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

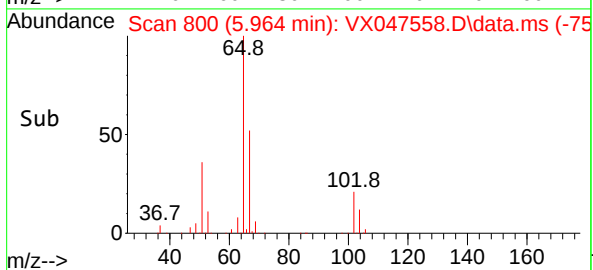
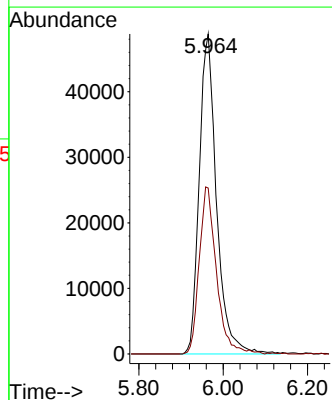
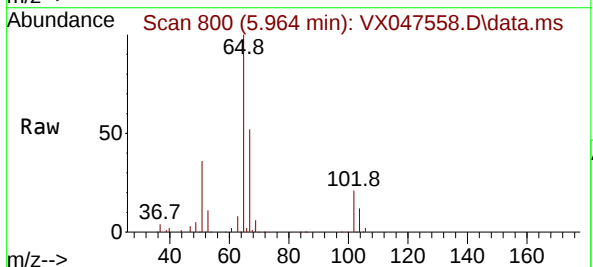
Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

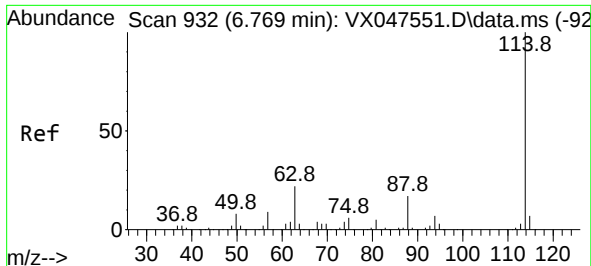
Tgt Ion:168 Resp: 171489
Ion Ratio Lower Upper
168 100
99 62.5 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 52.856 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 65 Resp: 139195
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

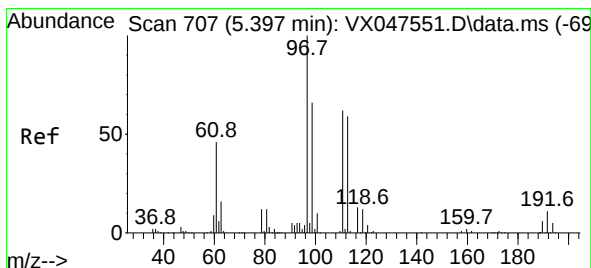
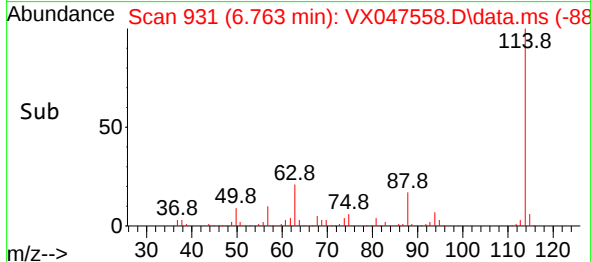
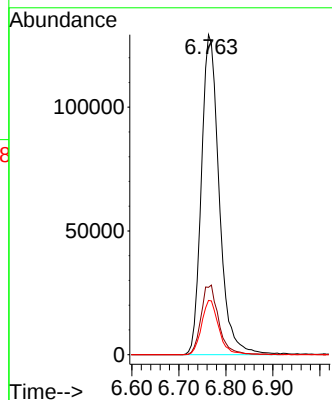
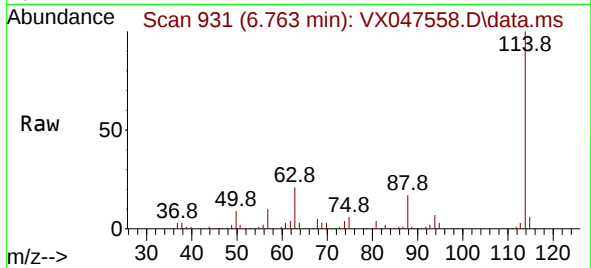




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

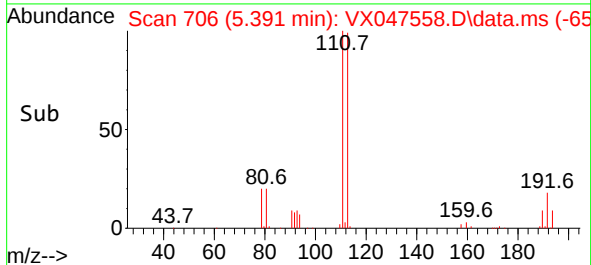
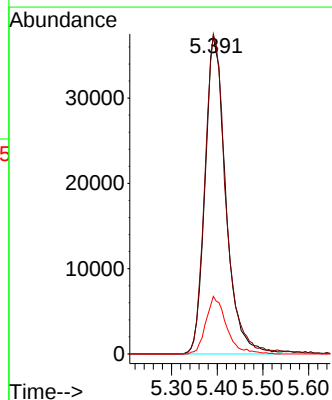
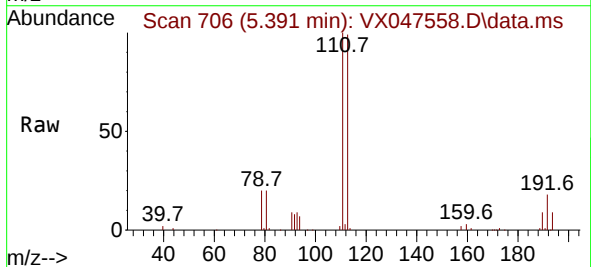
Instrument :
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ClientSampleId :
VX0829MBL01

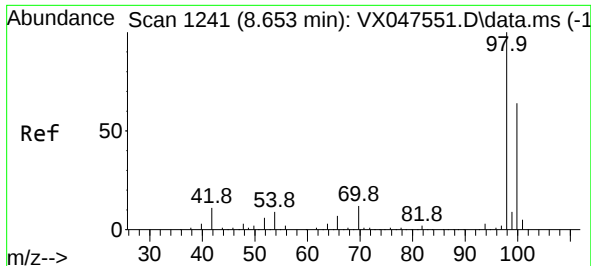
Tgt Ion:114 Resp: 340643
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:113 Resp: 117614
Ion Ratio Lower Upper
113 100
111 101.2 81.2 121.8
192 17.9 14.2 21.4

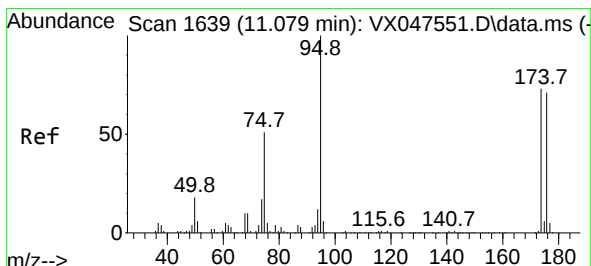
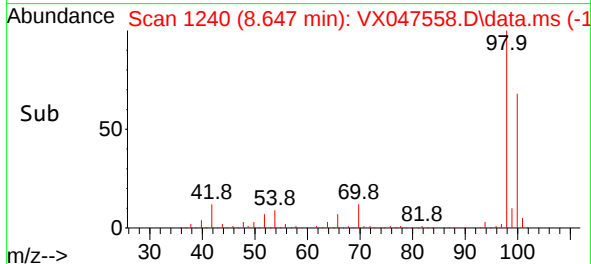
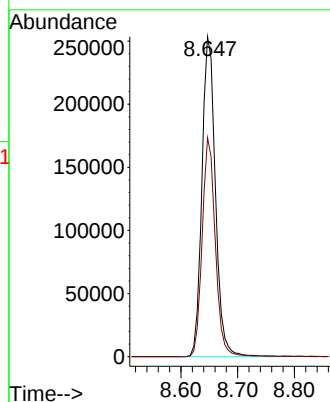
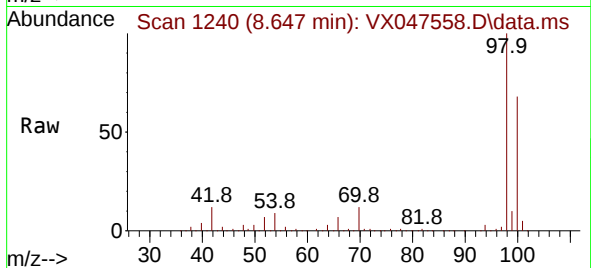




#50
Toluene-d8
Concen: 51.101 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

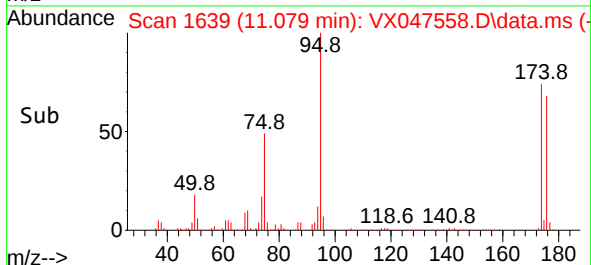
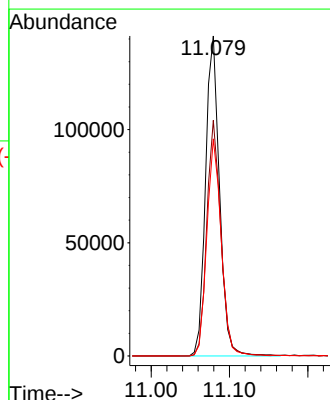
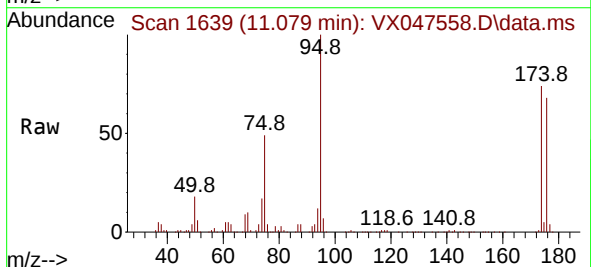
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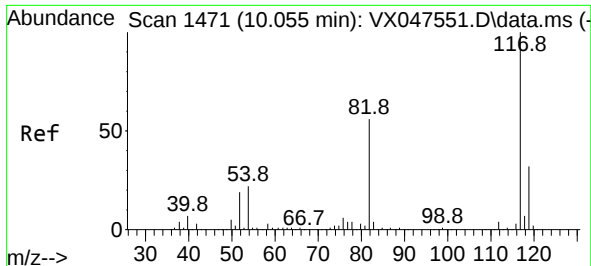
Tgt Ion: 98 Resp: 418768
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 56.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion: 95 Resp: 174899
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 69.9 0.0 140.4

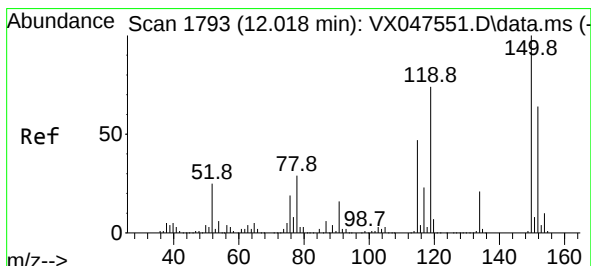
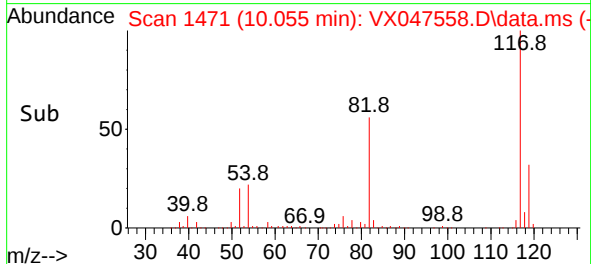
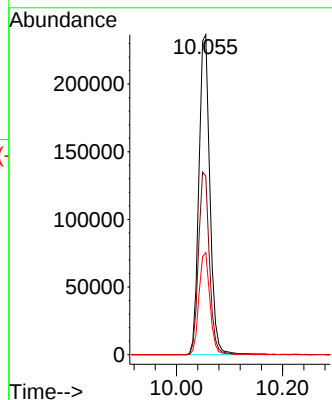
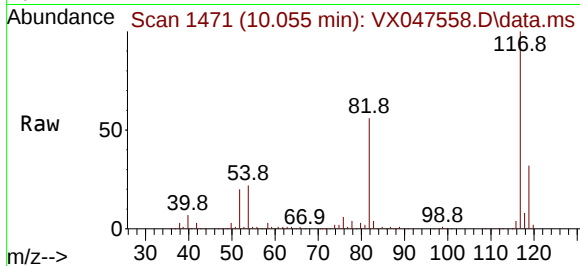




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047558.D
Acq: 29 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0829MBL01

Tgt Ion:117 Resp: 341218
Ion Ratio Lower Upper
117 100
82 55.8 44.6 66.8
119 31.9 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: VX047558.D
Acq: 29 Aug 2025 10:14

Tgt Ion:152 Resp: 171442
Ion Ratio Lower Upper
152 100
115 61.0 42.9 128.5
150 155.4 0.0 351.0

