

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047544.D
 Acq On : 28 Aug 2025 11:20
 Operator : JC/MD
 Sample : VX0828WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBL01

Quant Time: Aug 29 02:35:41 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	243764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	489967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	497017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	253844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	195297	52.172	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.340%
35) Dibromofluoromethane	5.397	113	160134	47.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.652	98	563921	47.842	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.680%
62) 4-Bromofluorobenzene	11.079	95	237773	53.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.400%

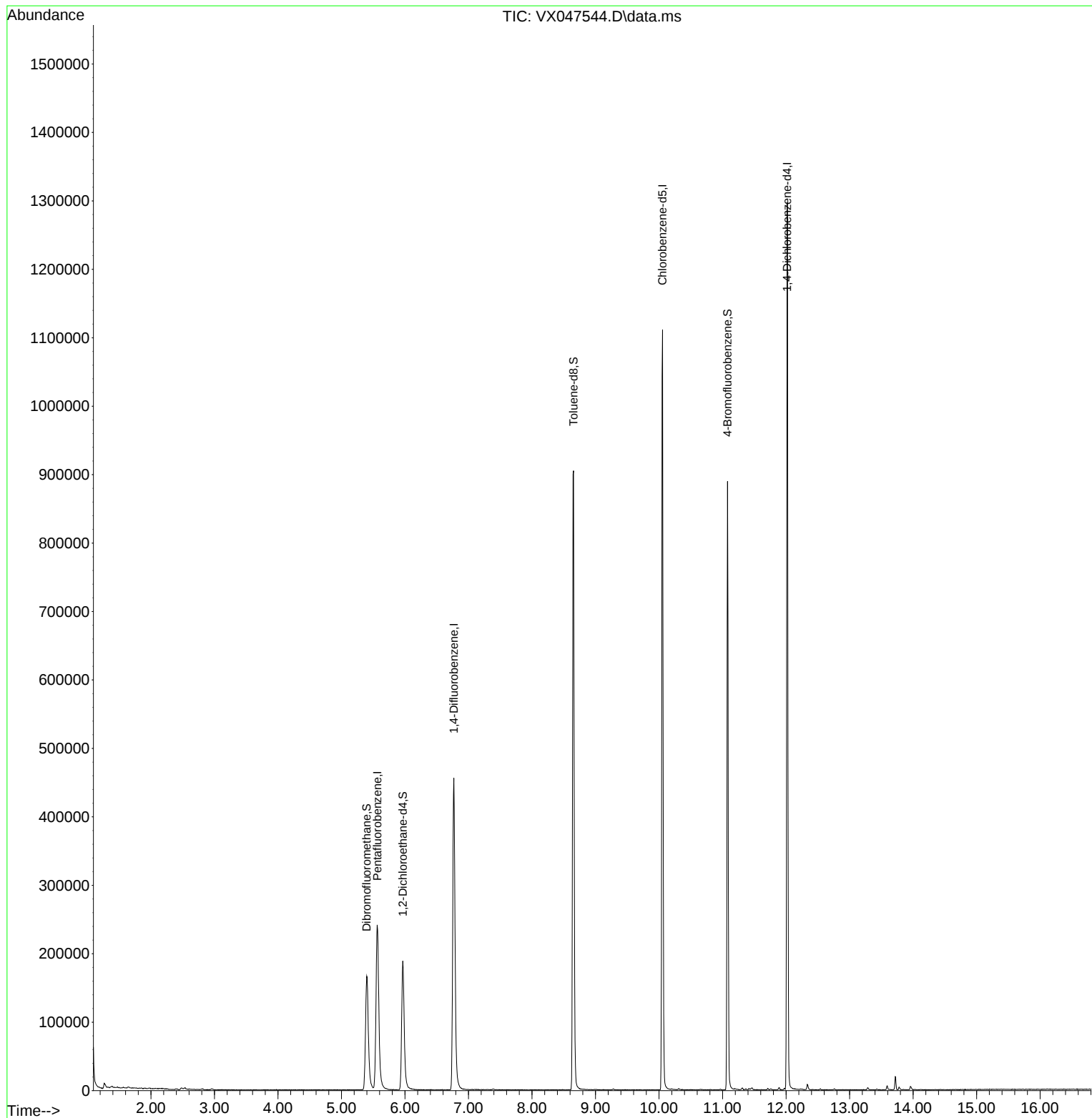
Target Compounds	Qvalue

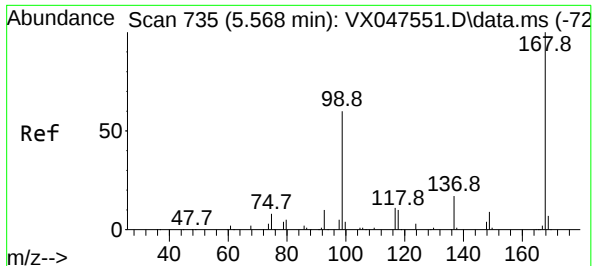
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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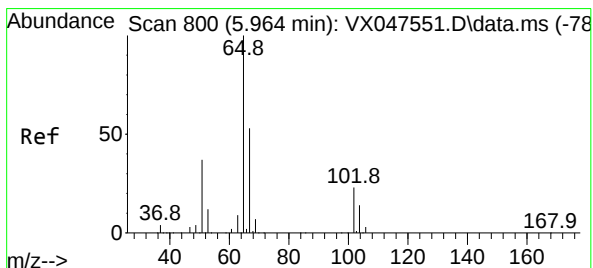
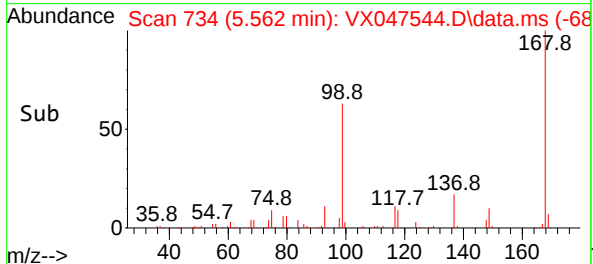
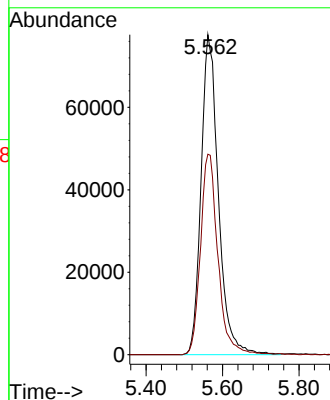
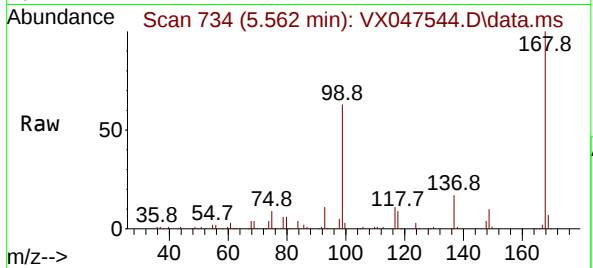




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

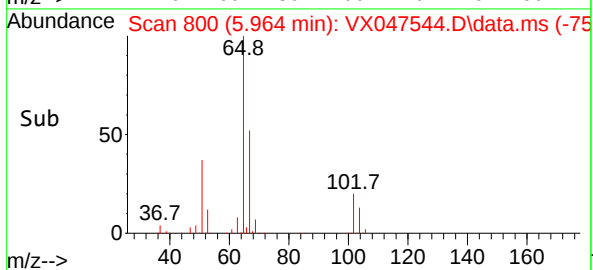
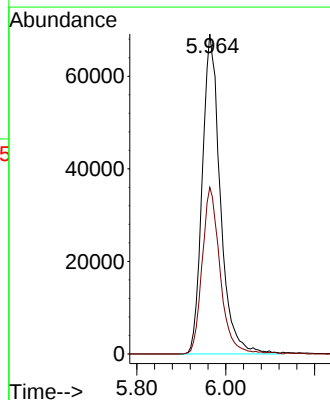
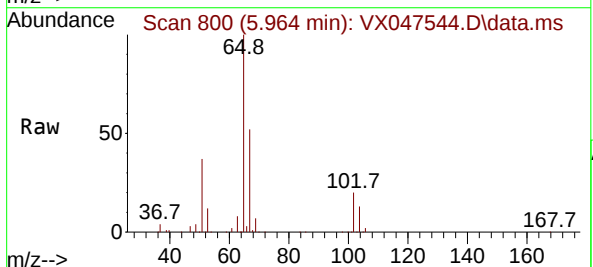
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBL01

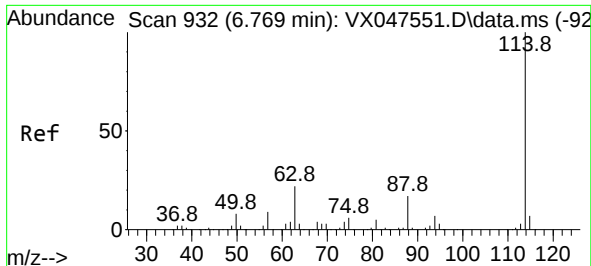
Tgt Ion:168 Resp: 243764
Ion Ratio Lower Upper
168 100
99 62.6 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 52.172 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.001 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 65 Resp: 195297
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

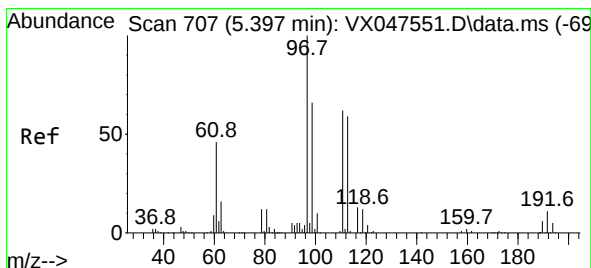
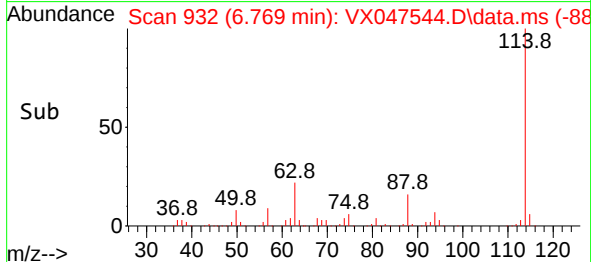
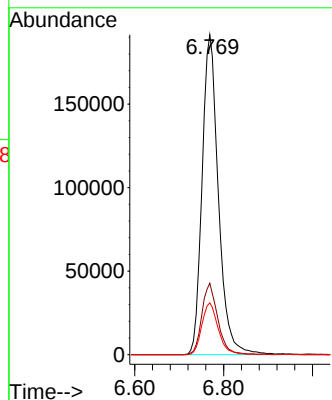
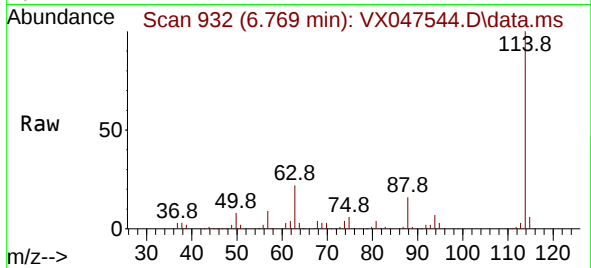




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

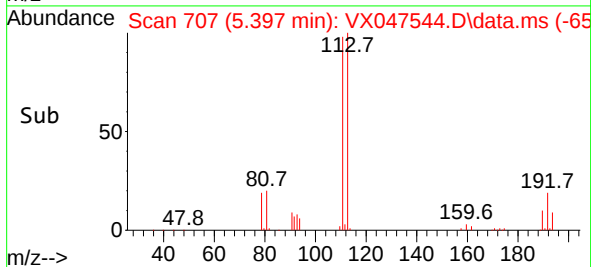
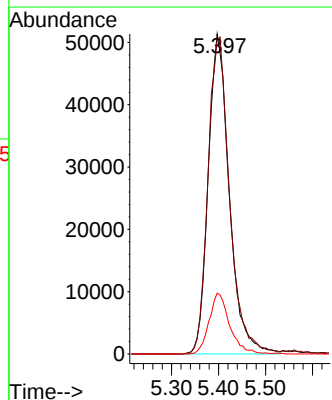
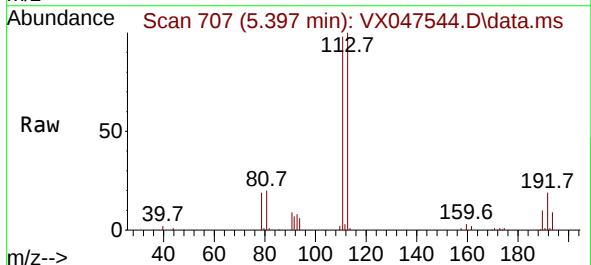
Instrument :
MSVOA_X
ClientSampleId :
VX0828WBL01

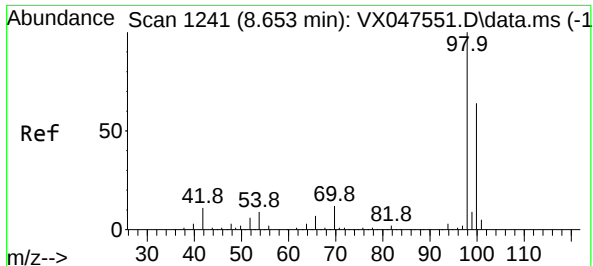
Tgt Ion:114 Resp: 489967
Ion Ratio Lower Upper
114 100
63 22.3 0.0 43.6
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.619 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

Tgt Ion:113 Resp: 160134
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 18.5 14.2 21.4

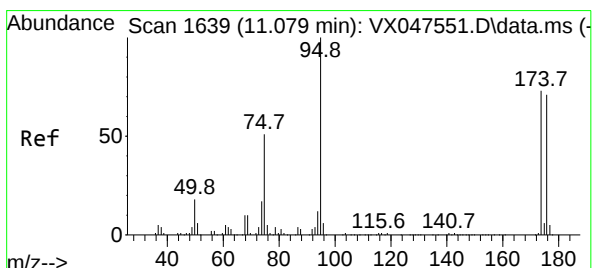
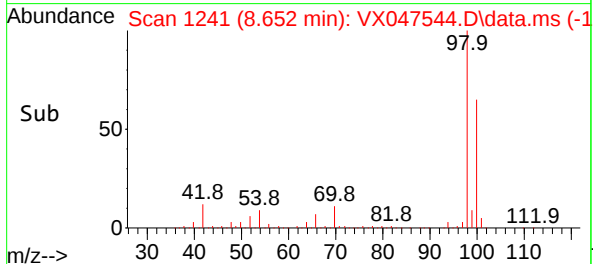
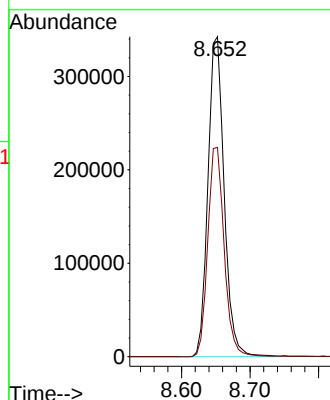
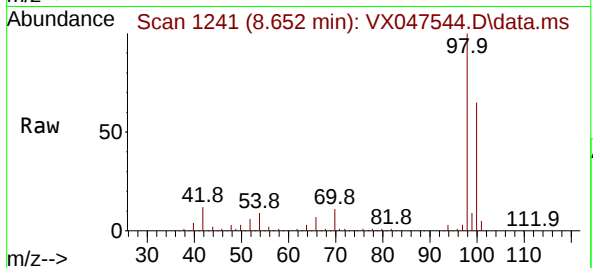




#50
Toluene-d8
Concen: 47.842 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

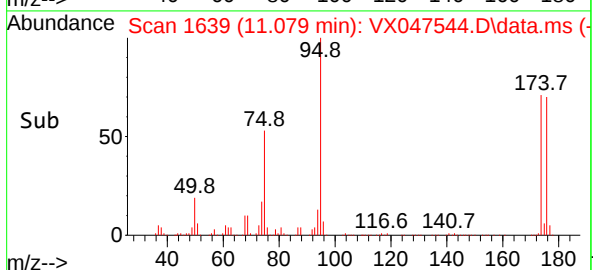
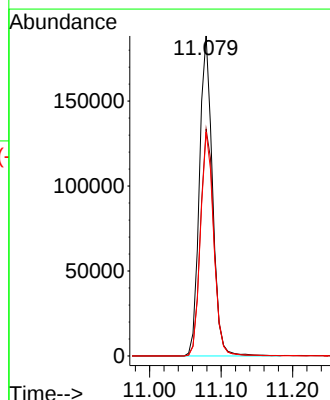
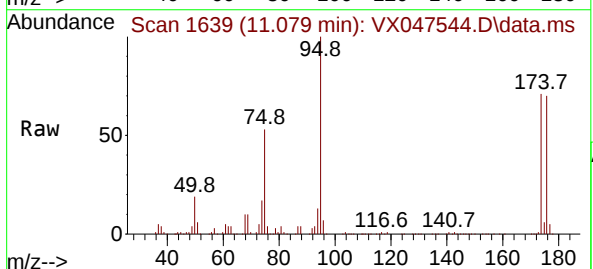
Instrument :
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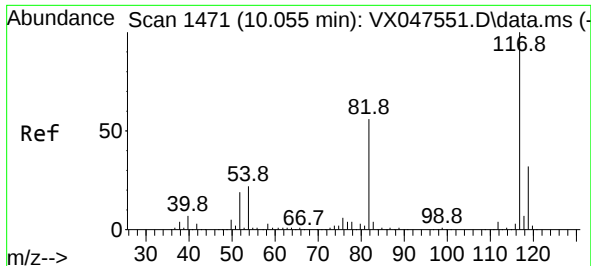
Tgt Ion: 98 Resp: 563921
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 95 Resp: 237773
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 70.8 0.0 140.4

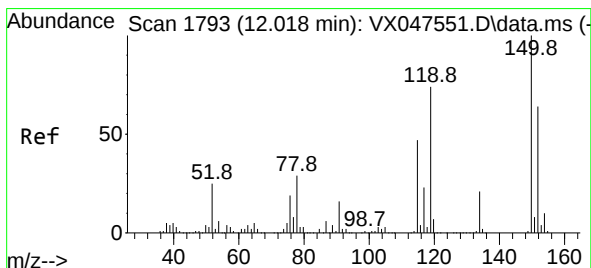
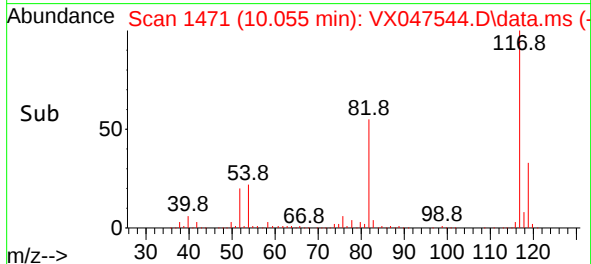
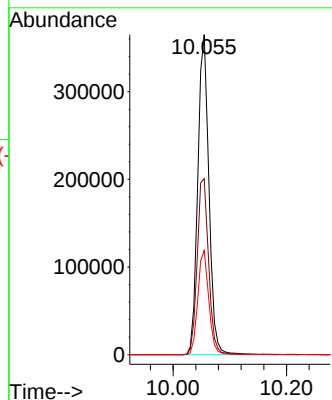
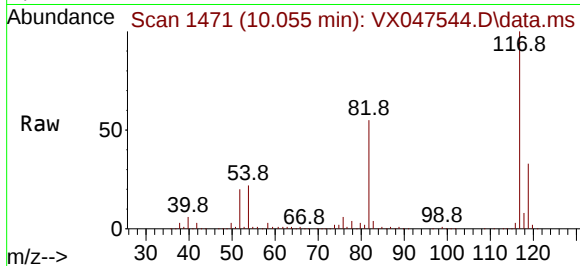




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBL01

Tgt Ion:117 Resp: 497017
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VX047544.D
Acq: 28 Aug 2025 11:20

Tgt Ion:152 Resp: 253844
Ion Ratio Lower Upper
152 100
115 63.4 42.9 128.5
150 159.3 0.0 351.0

