

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047408.D
 Acq On : 19 Aug 2025 13:41
 Operator : JC/MD
 Sample : Q2815-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Aug 20 01:26:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	205616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	407837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	203950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	158172	54.965	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.940%
35) Dibromofluoromethane	5.403	113	134553	50.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	8.653	98	470973	49.782	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.079	95	195434	55.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.960%

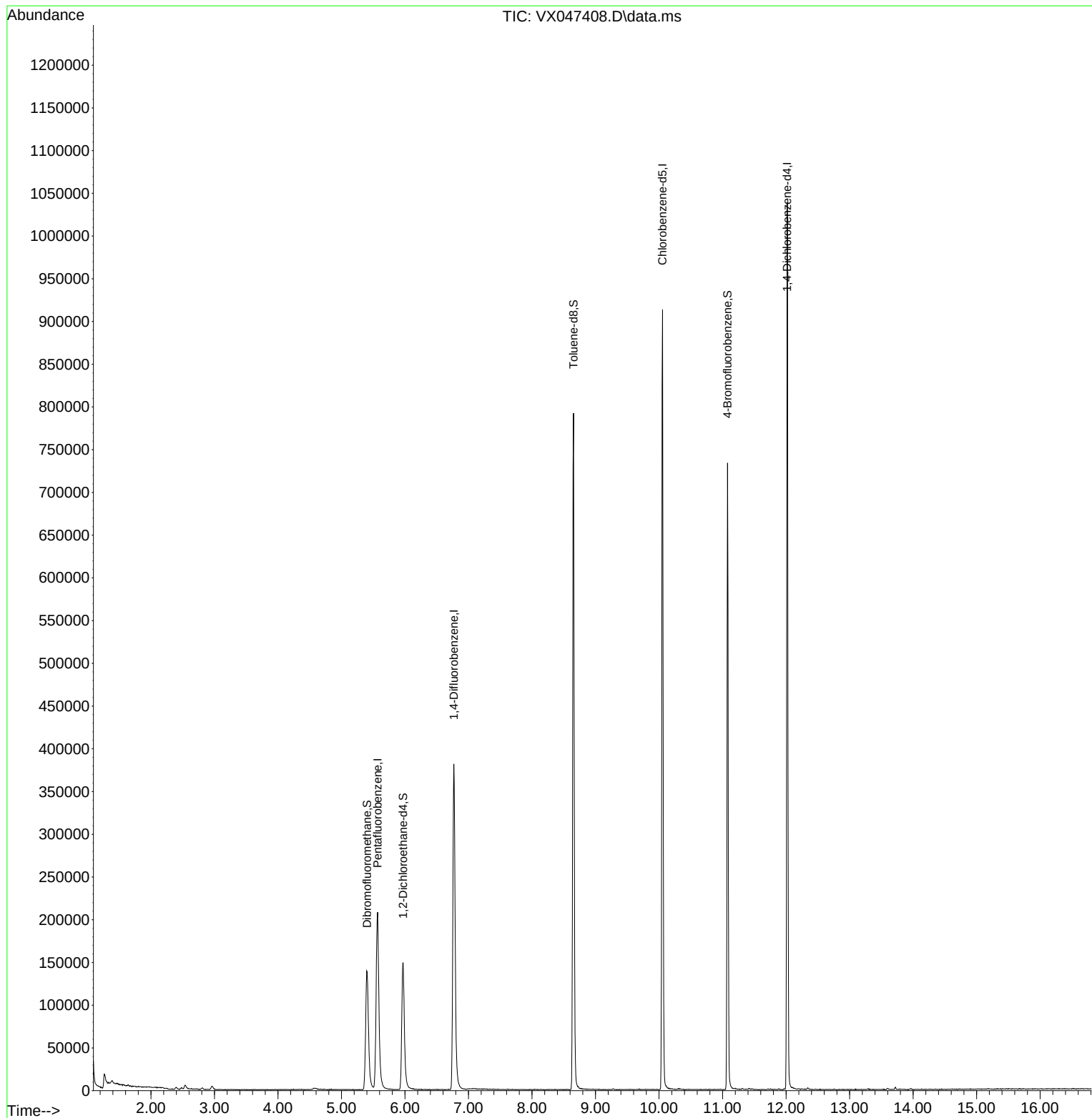
Target Compounds	Qvalue

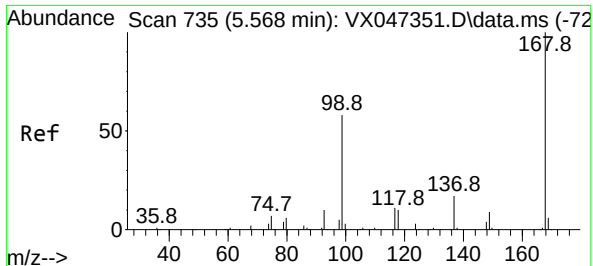
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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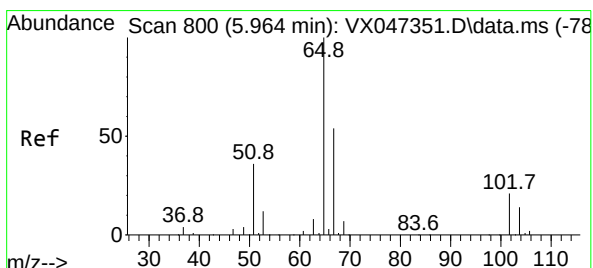
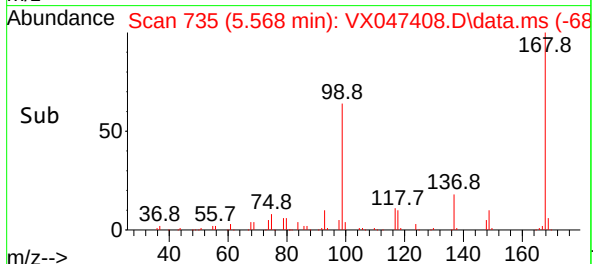
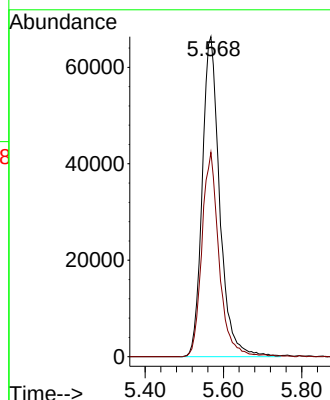
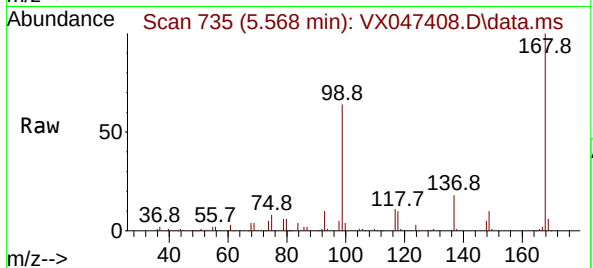




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

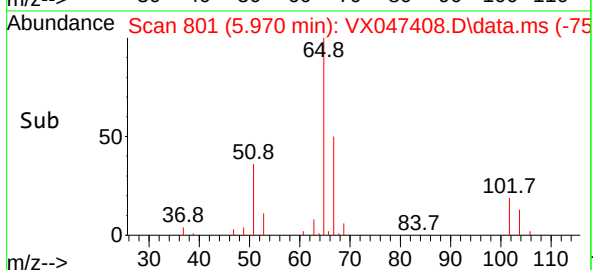
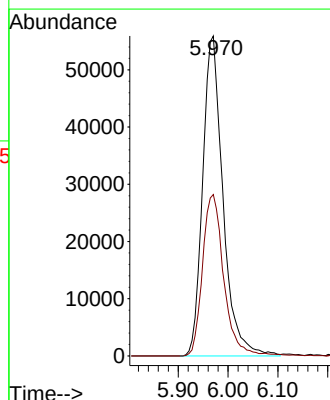
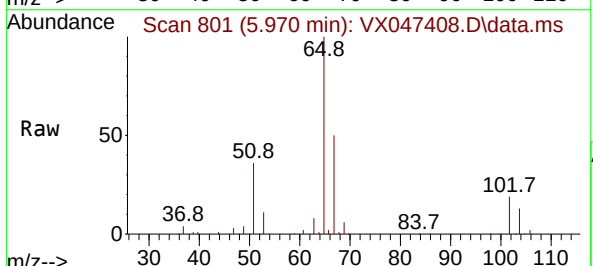
Instrument :
MSVOA_X
ClientSampleId :
TB

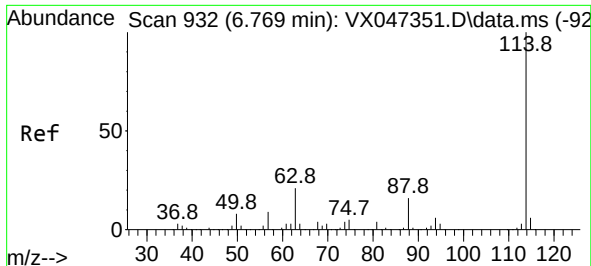
Tgt Ion:168 Resp: 205616
Ion Ratio Lower Upper
168 100
99 63.9 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 54.965 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 65 Resp: 158172
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.0

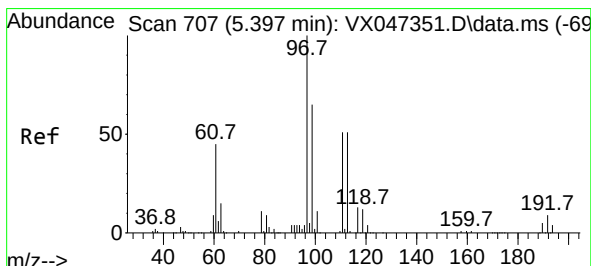
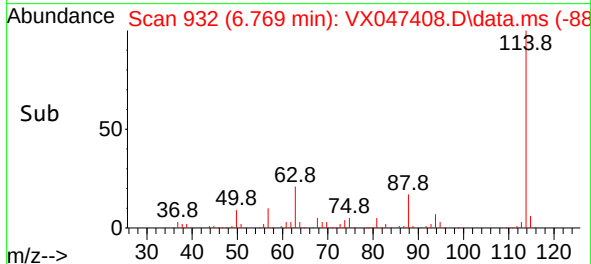
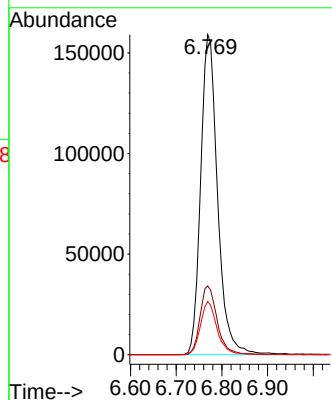
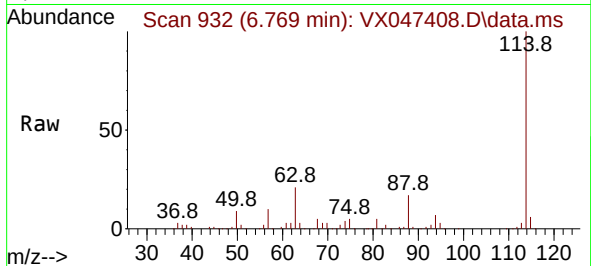




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

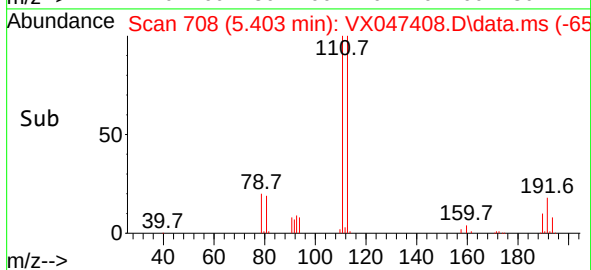
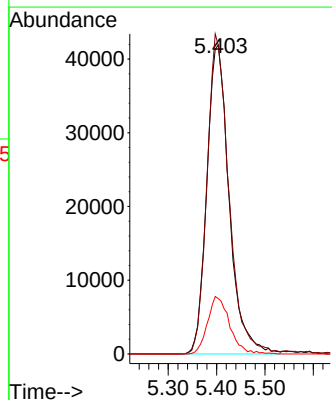
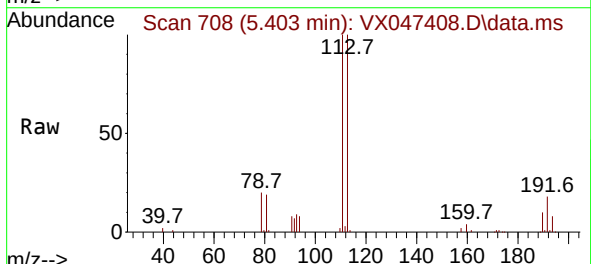
Instrument :
MSVOA_X
ClientSampleId :
TB

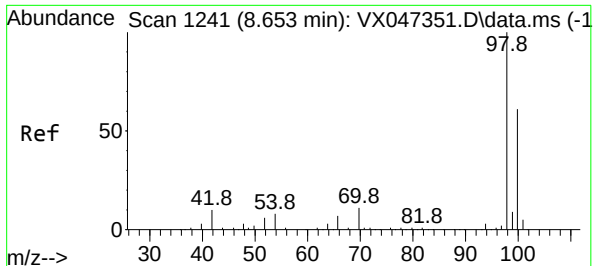
Tgt Ion:114 Resp: 407837
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.834 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

Tgt Ion:113 Resp: 134553
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.2
192 18.4 14.1 21.1

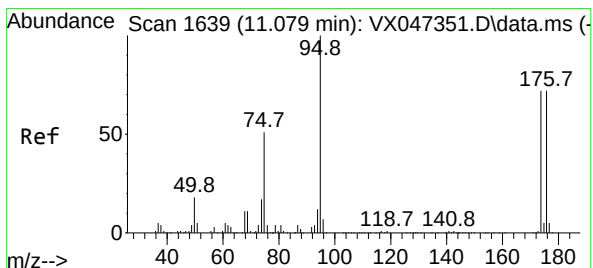
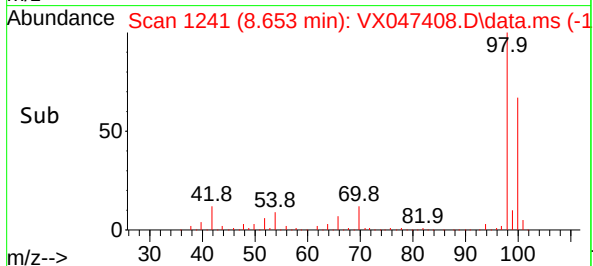
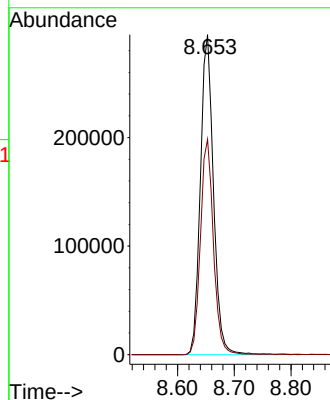
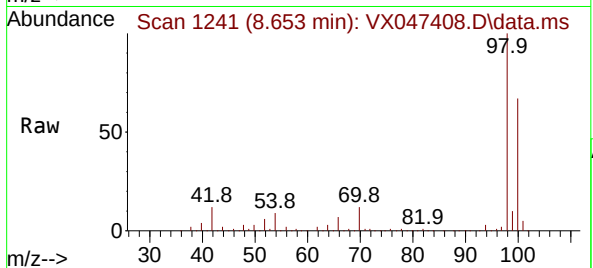




#50
Toluene-d8
Concen: 49.782 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

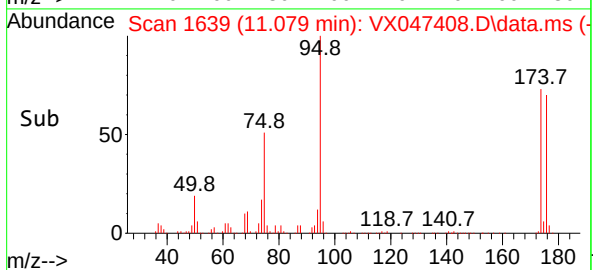
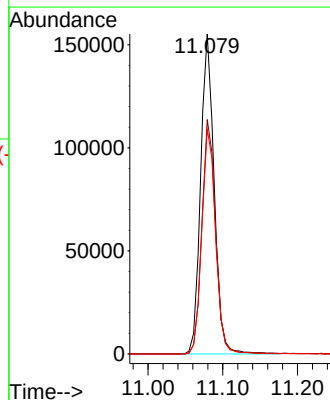
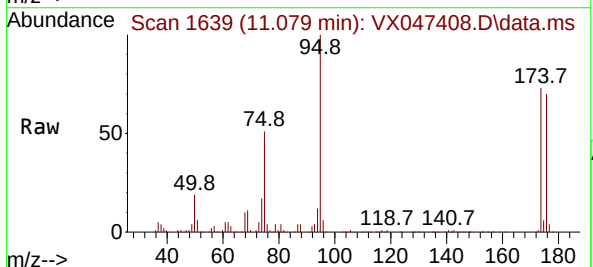
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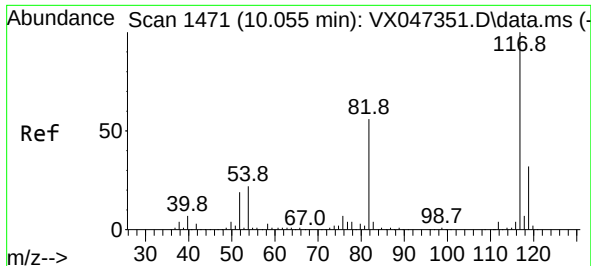
Tgt Ion: 98 Resp: 470973
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

Tgt Ion: 95 Resp: 195434
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 71.5 0.0 145.4

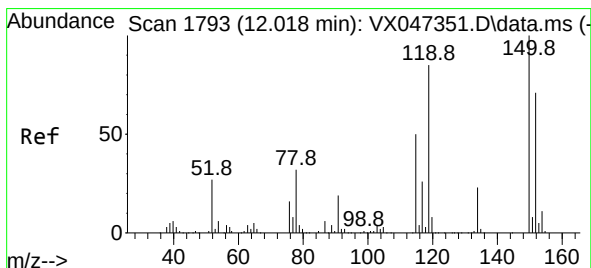
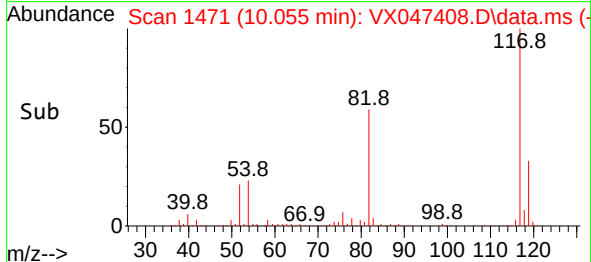
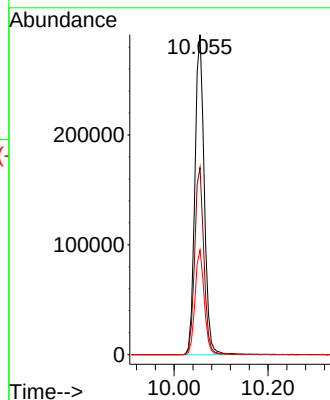
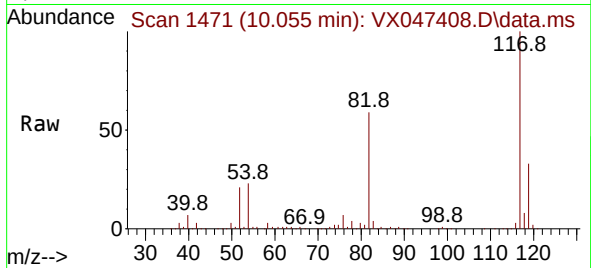




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 405367
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047408.D
Acq: 19 Aug 2025 13:41

Tgt Ion:152 Resp: 203950
Ion Ratio Lower Upper
152 100
115 62.4 44.6 133.8
150 159.7 0.0 349.8

