

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047440.D
 Acq On : 20 Aug 2025 14:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 21 01:31:59 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	295829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	604962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	298924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	242154	58.488	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	116.980%
35) Dibromofluoromethane	5.404	113	203918	51.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	8.653	98	722220	51.464	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.920%
62) 4-Bromofluorobenzene	11.079	95	291944	56.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.740%

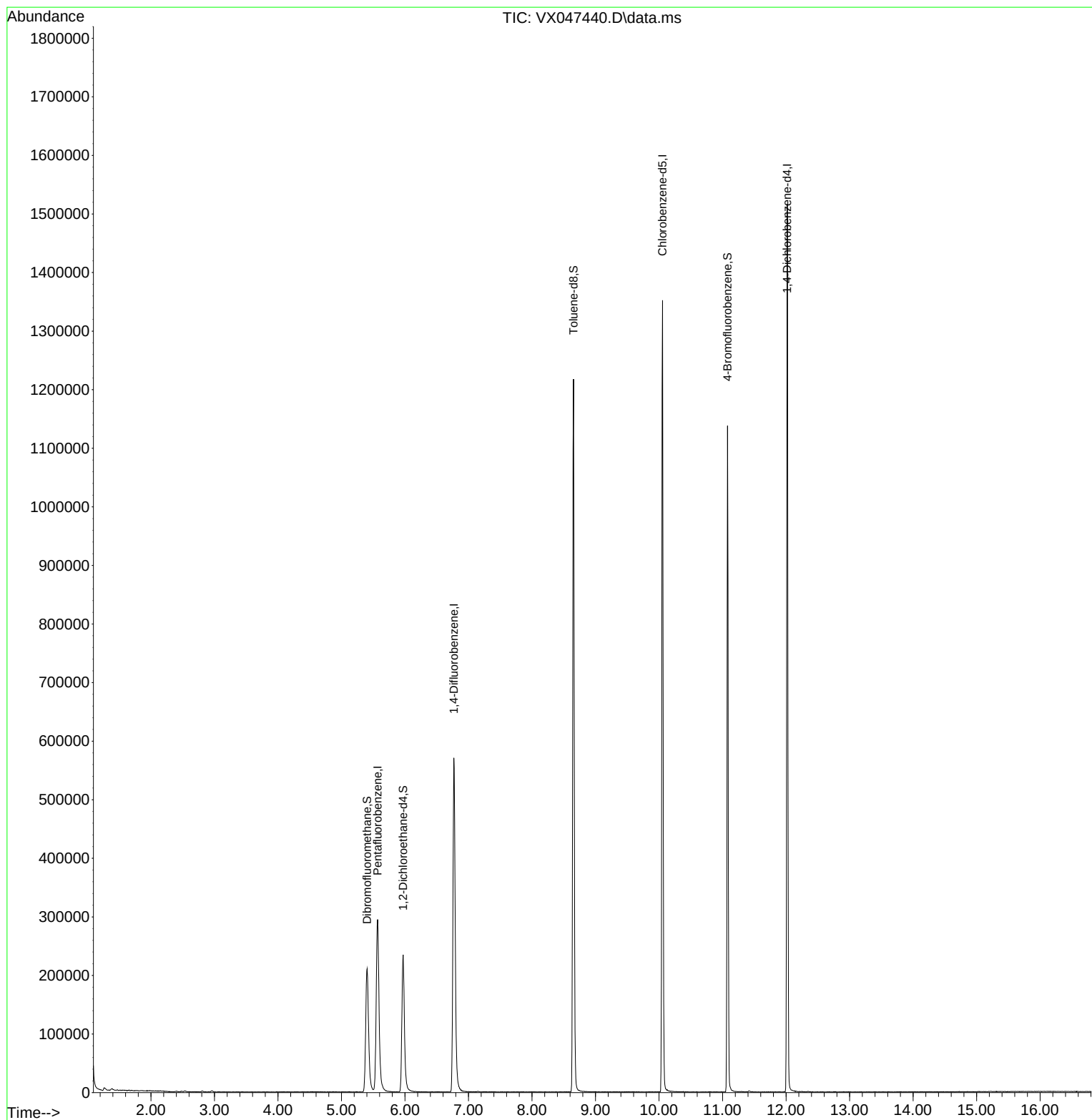
Target Compounds	Qvalue

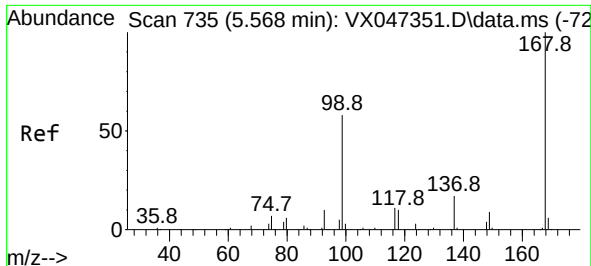
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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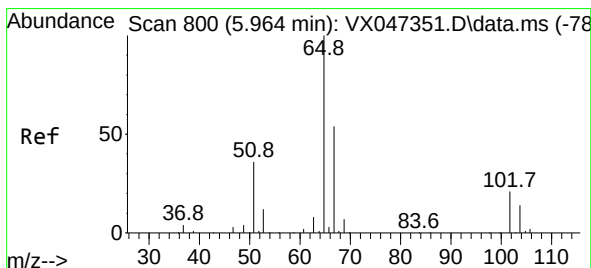
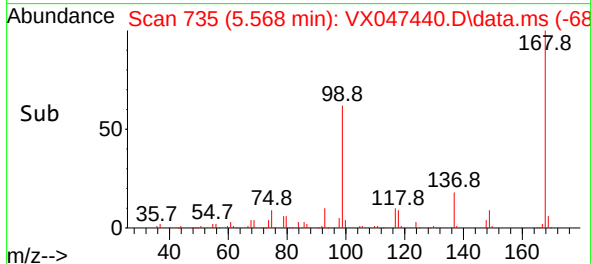
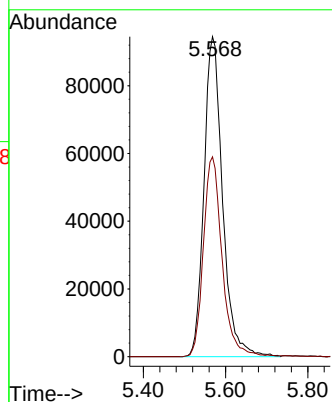
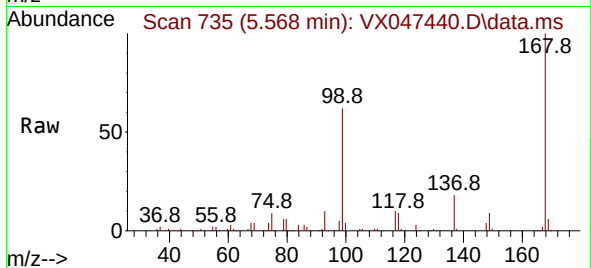




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

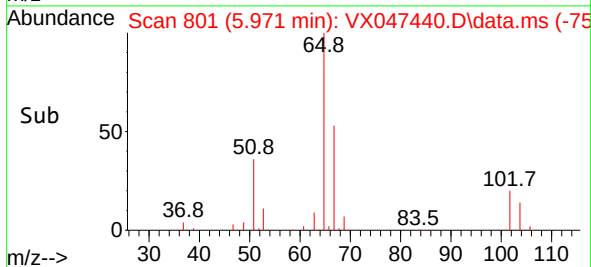
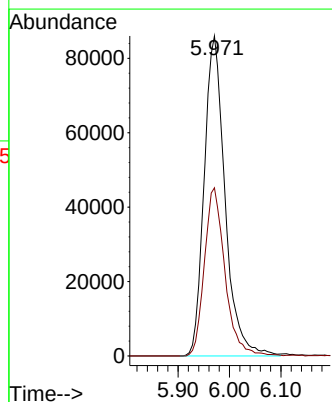
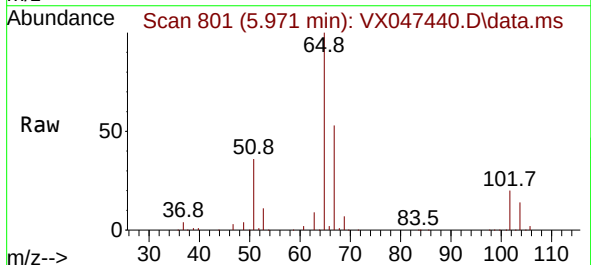
Instrument :
MSVOA_X
ClientSampleId :
IBLK

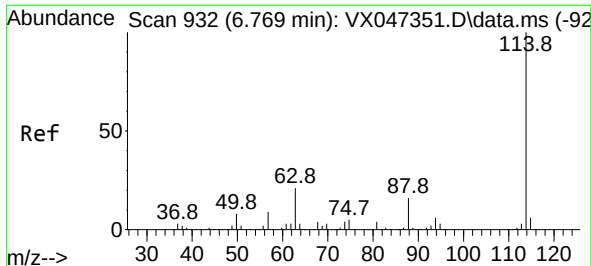
Tgt Ion:168 Resp: 295829
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 58.488 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 65 Resp: 242154
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

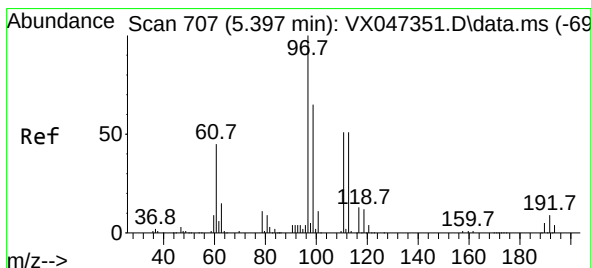
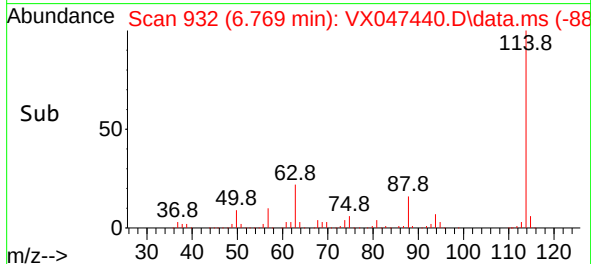
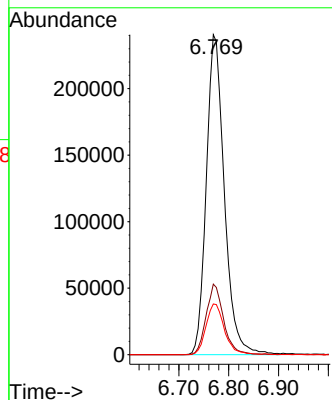
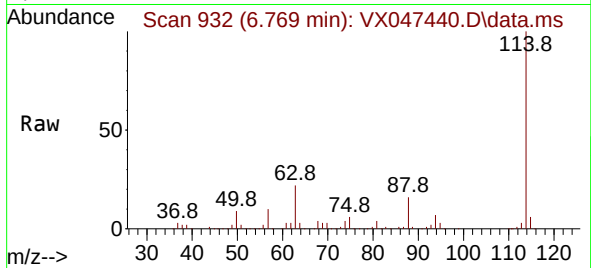




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

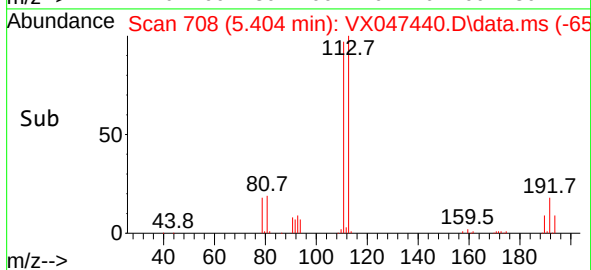
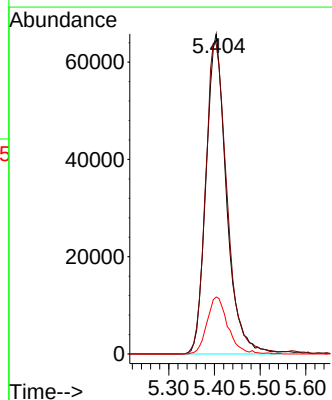
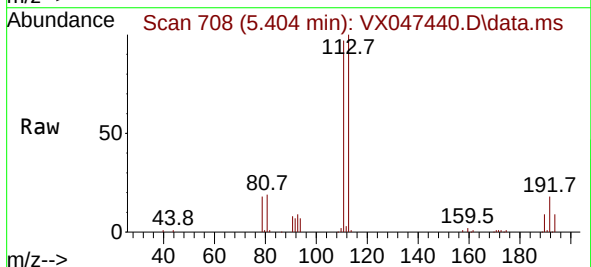
Instrument :
MSVOA_X
ClientSampleId :
IBLK

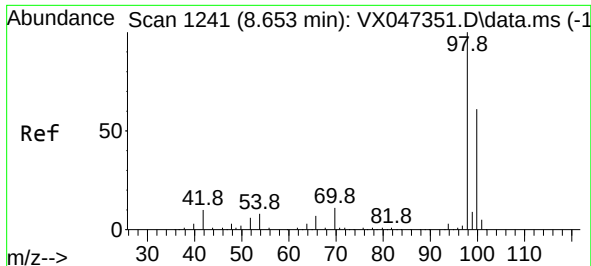
Tgt Ion:114 Resp: 604962
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.937 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion:113 Resp: 203918
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 18.2 14.1 21.1

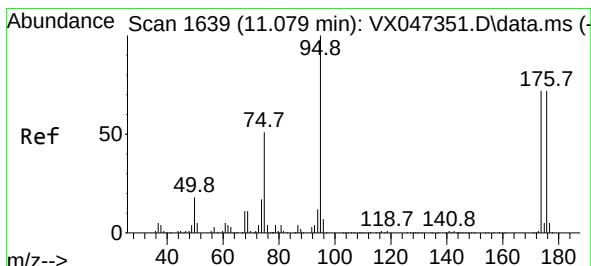
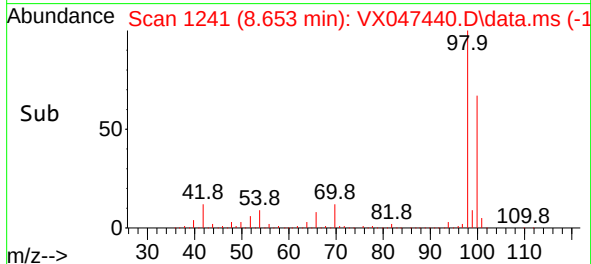
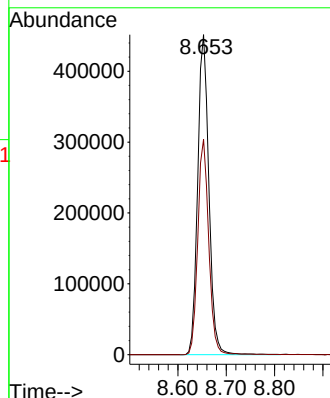
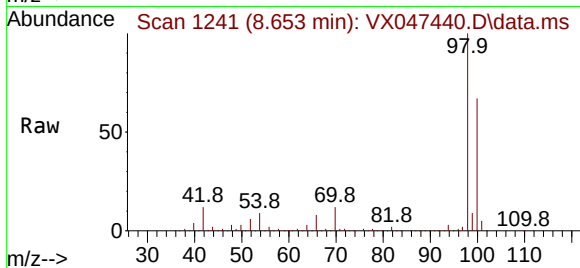




#50
Toluene-d8
Concen: 51.464 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

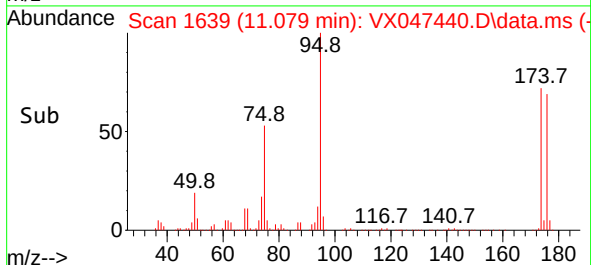
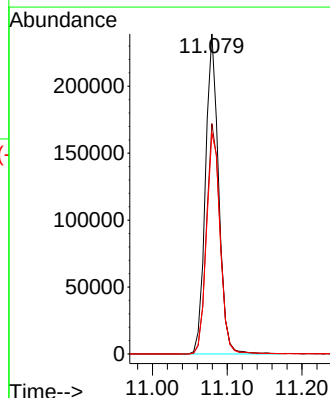
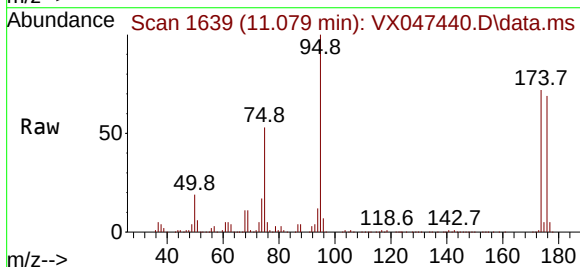
Instrument :
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IBLK

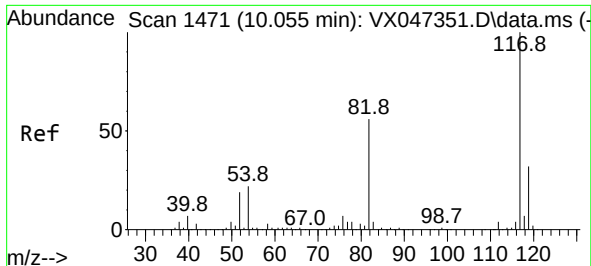
Tgt Ion: 98 Resp: 722220
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion: 95 Resp: 291944
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 72.2 0.0 145.4

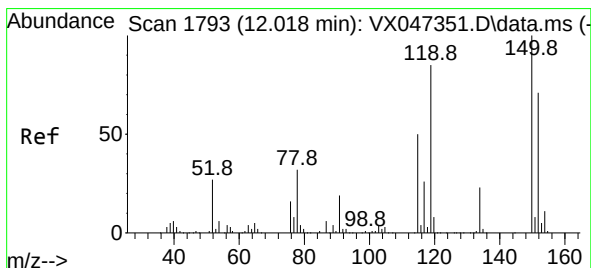
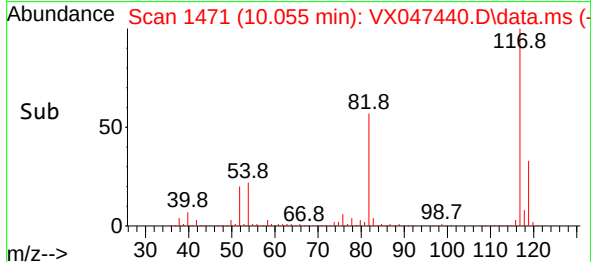
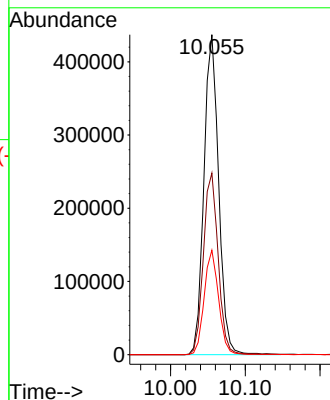
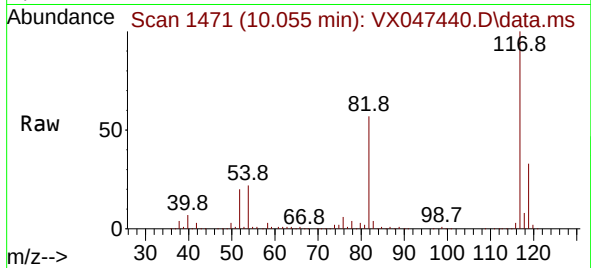




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047440.D
Acq: 20 Aug 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 597909
Ion Ratio Lower Upper
117 100
82 56.7 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: VX047440.D
Acq: 20 Aug 2025 14:20

Tgt Ion:152 Resp: 298924
Ion Ratio Lower Upper
152 100
115 61.6 44.6 133.8
150 158.8 0.0 349.8

