

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047547.D
 Acq On : 28 Aug 2025 13:46
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 29 02:37:16 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	292249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	584810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	283812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	225350	50.213	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.420%
35) Dibromofluoromethane	5.397	113	192496	47.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	8.647	98	674753	47.960	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.920%
62) 4-Bromofluorobenzene	11.079	95	276088	52.236	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.480%

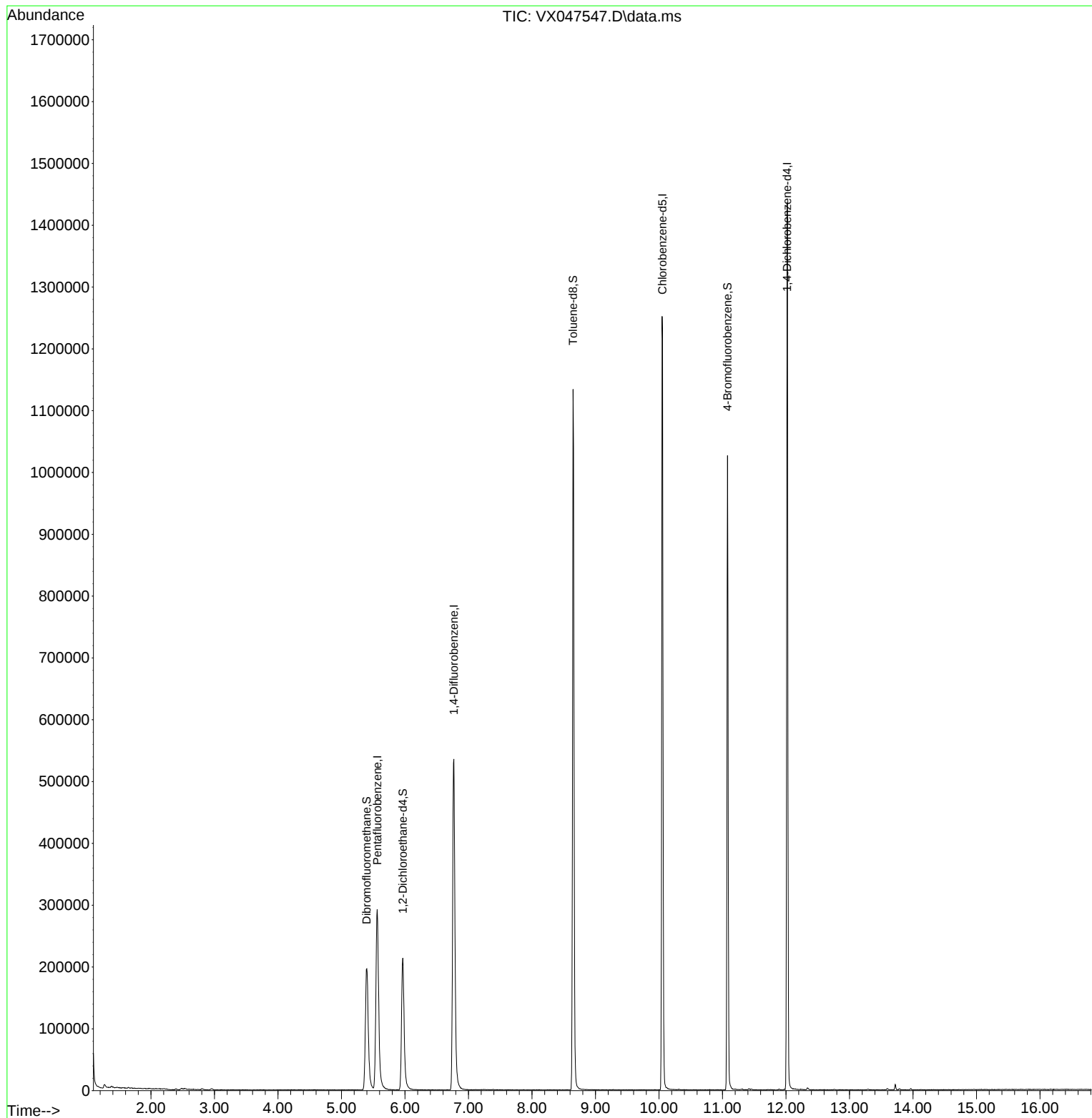
Target Compounds	Qvalue

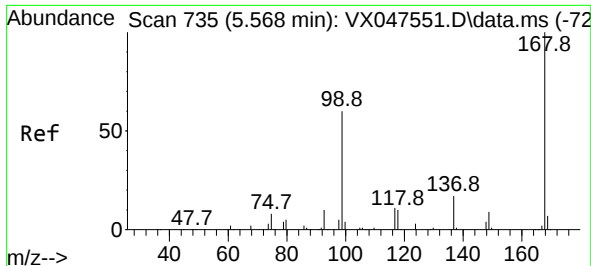
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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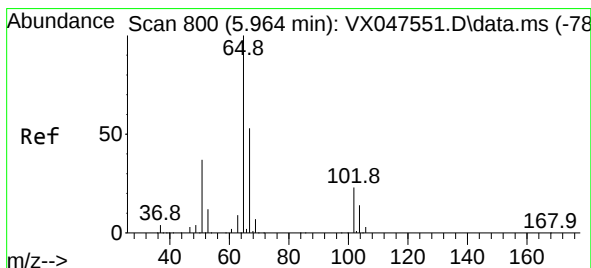
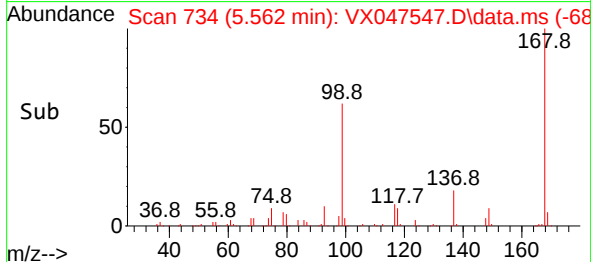
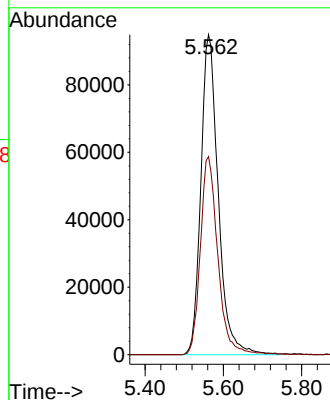
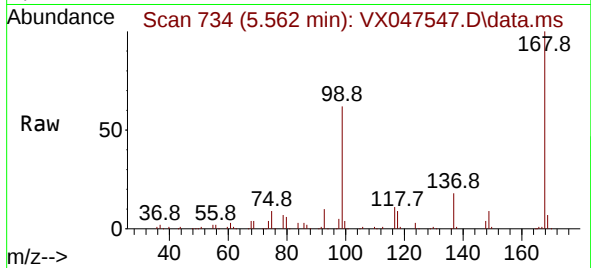




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

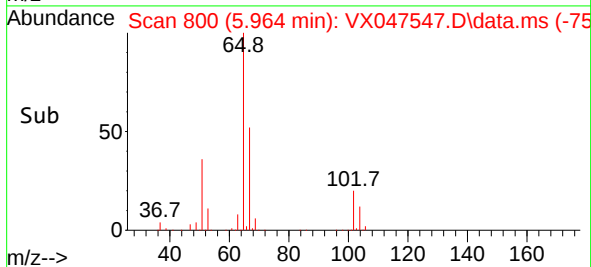
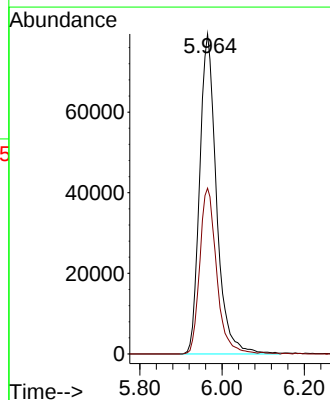
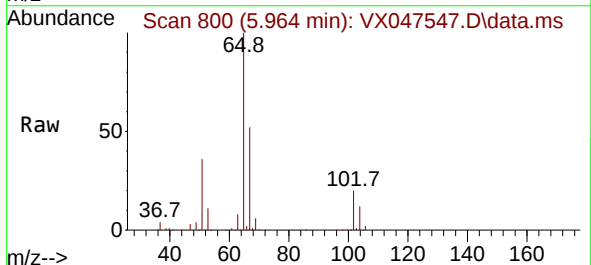
Instrument :
MSVOA_X
ClientSampleId :
IBLK

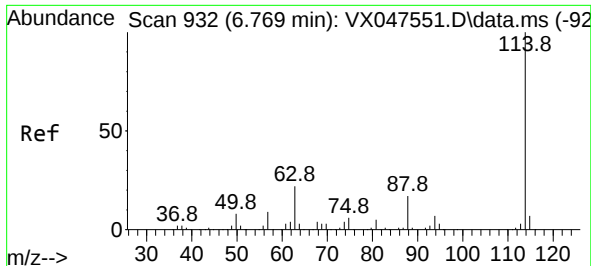
Tgt Ion:168 Resp: 292249
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 50.213 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion: 65 Resp: 225350
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

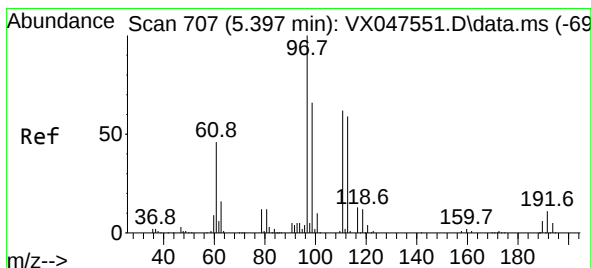
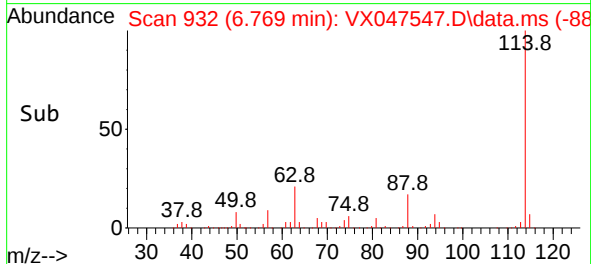
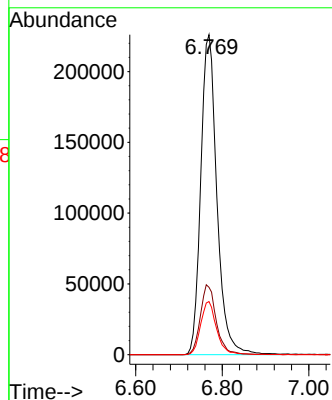
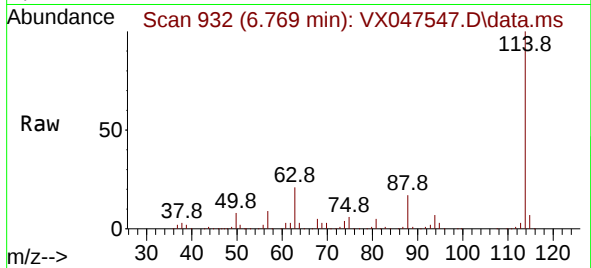




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

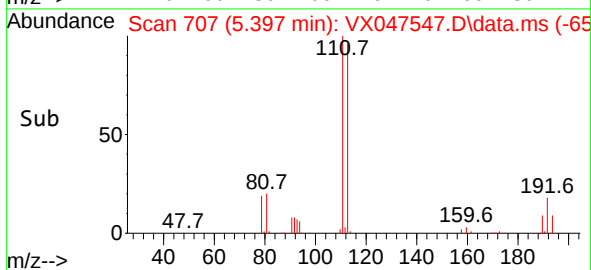
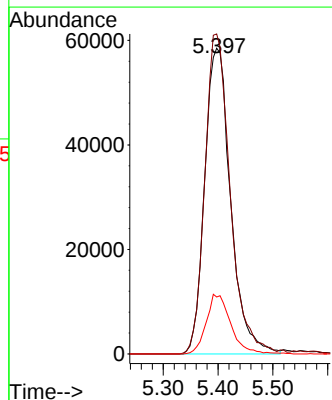
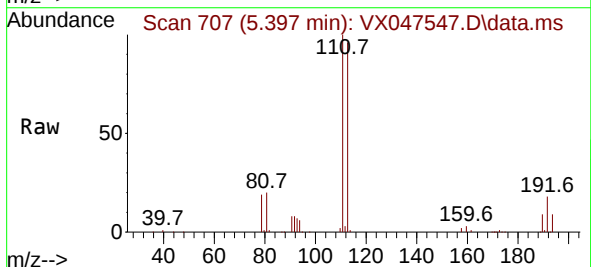
Instrument :
MSVOA_X
ClientSampleId :
IBLK

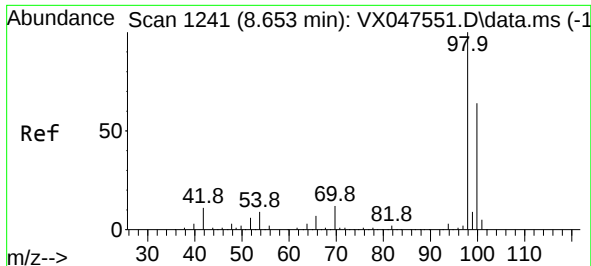
Tgt Ion:114 Resp: 584810
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.6
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.959 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion:113 Resp: 192496
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.4 14.2 21.4





#50

Toluene-d8

Concen: 47.960 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047547.D

Acq: 28 Aug 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

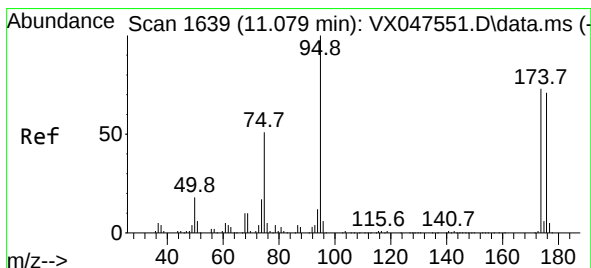
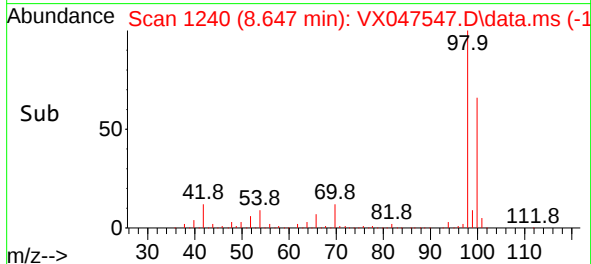
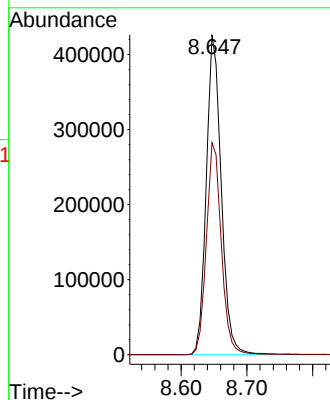
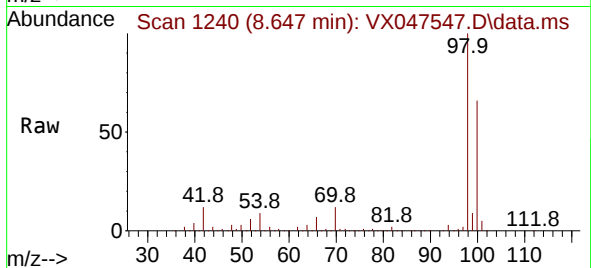
IBLK

Tgt Ion: 98 Resp: 674753

Ion Ratio Lower Upper

98 100

100 66.5 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 52.236 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047547.D

Acq: 28 Aug 2025 13:46

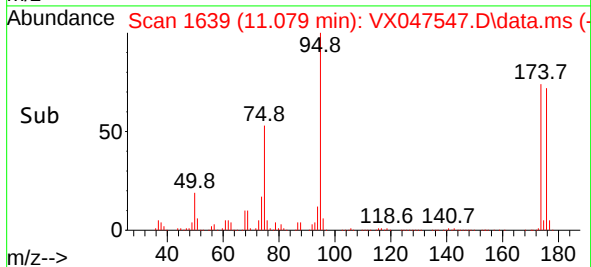
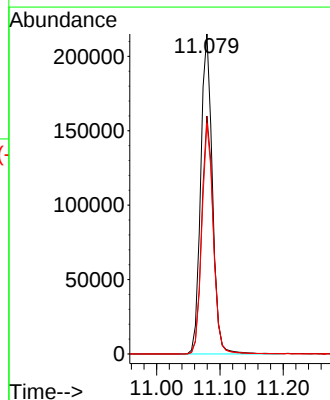
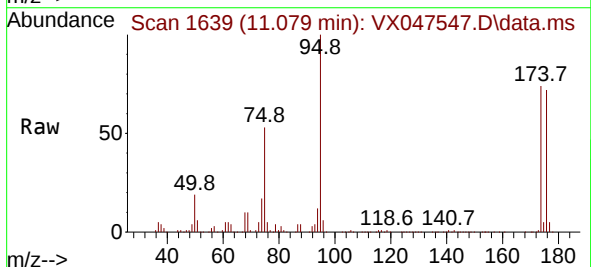
Tgt Ion: 95 Resp: 276088

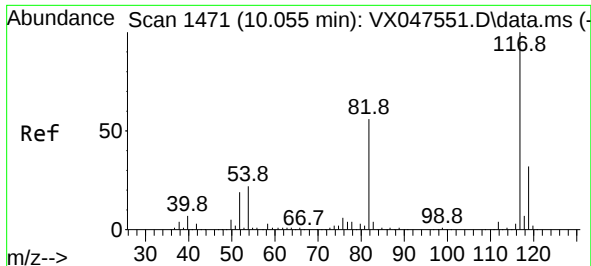
Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.2

176 70.7 0.0 140.4

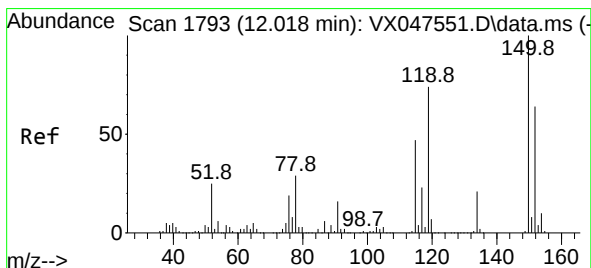
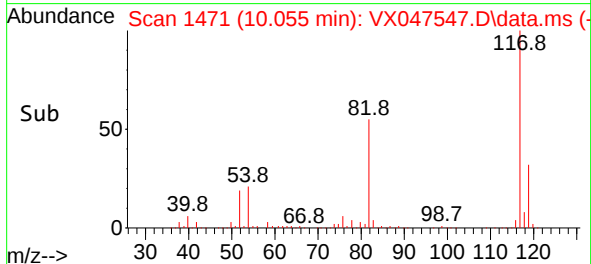
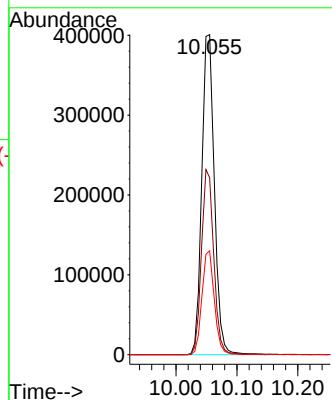
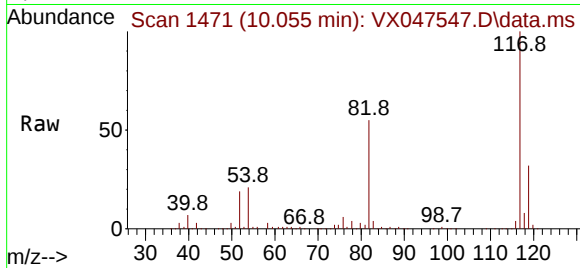




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047547.D
Acq: 28 Aug 2025 13:46

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 575786
Ion Ratio Lower Upper
117 100
82 55.3 44.6 66.8
119 32.4 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: VX047547.D
Acq: 28 Aug 2025 13:46

Tgt Ion:152 Resp: 283812
Ion Ratio Lower Upper
152 100
115 62.0 42.9 128.5
150 156.7 0.0 351.0

