

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
 Data File : VX047231.D
 Acq On : 05 Aug 2025 12:46
 Operator : JC/MD
 Sample : VX0805WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBL01

Quant Time: Aug 06 05:39:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	259205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	397332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	206249	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186720	57.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.660%
35) Dibromofluoromethane	5.391	113	163901	59.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	119.280%
50) Toluene-d8	8.647	98	476416	53.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.060%
62) 4-Bromofluorobenzene	11.079	95	225302	58.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.480%

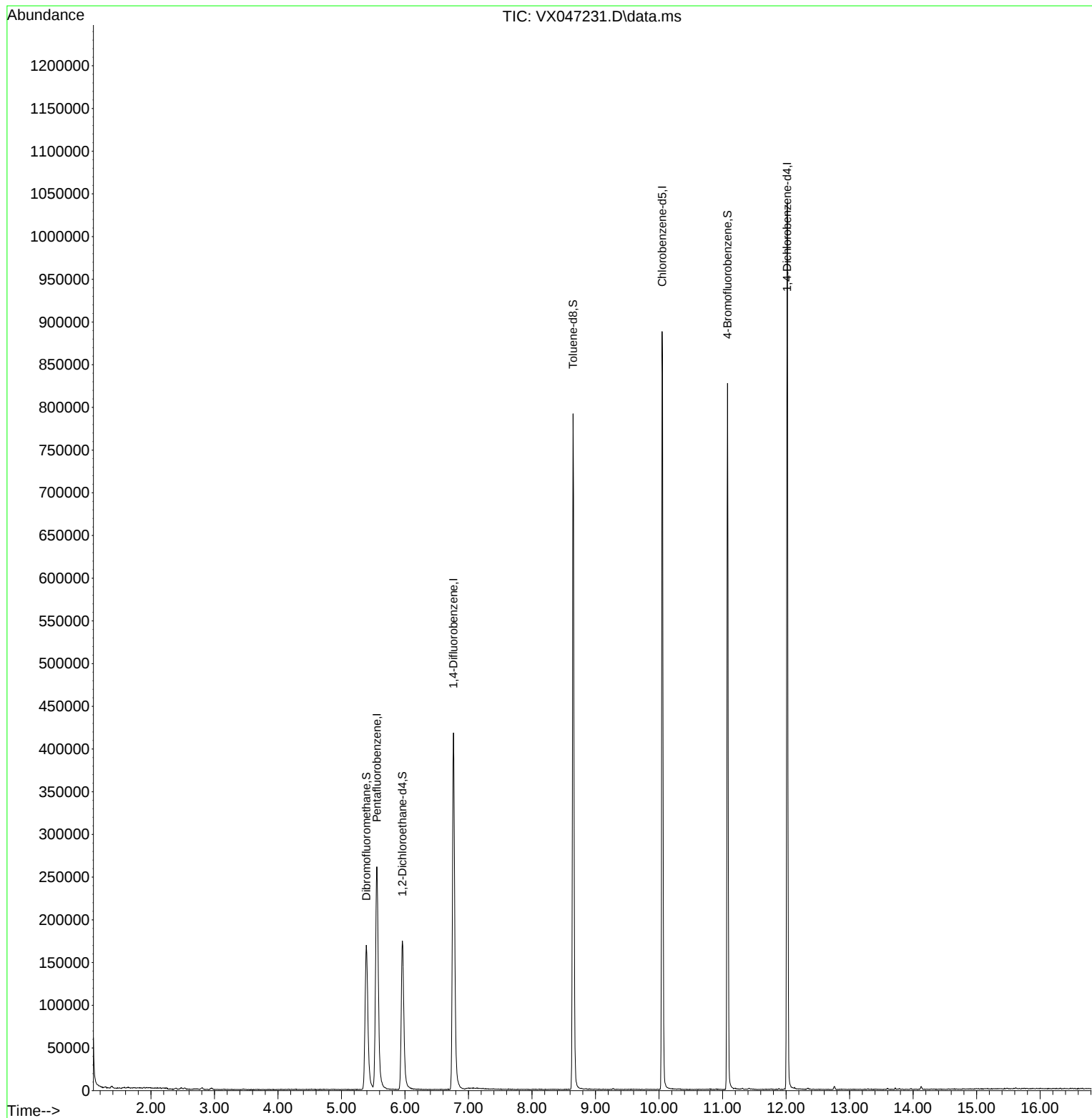
Target Compounds	Qvalue

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

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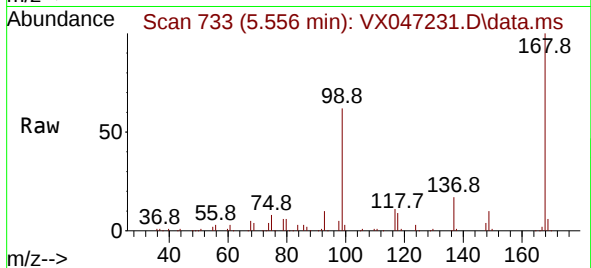
Quant Time: Aug 06 05:39:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
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QLast Update : Tue Jul 22 03:59:51 2025
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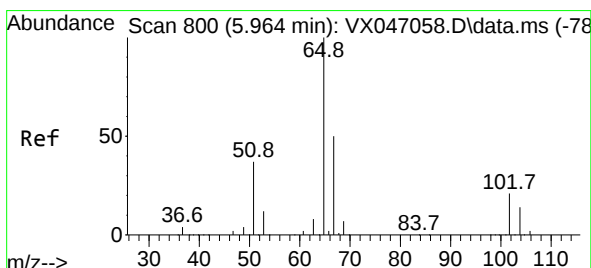
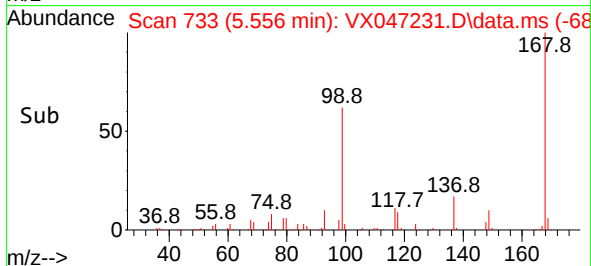
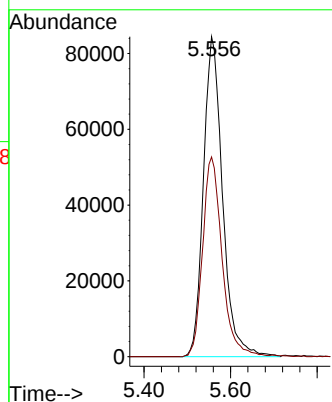


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Instrument :
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ClientSampleId :
VX0805WBL01

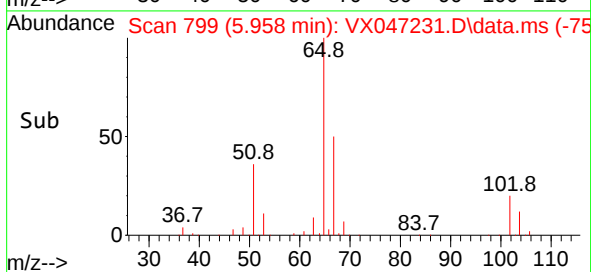
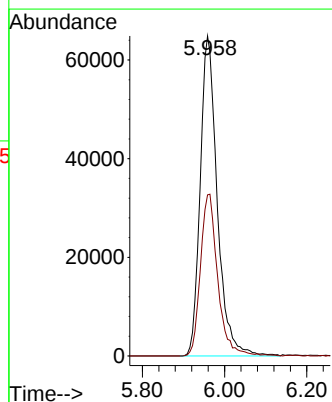
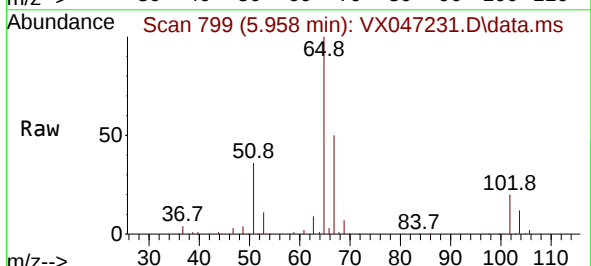


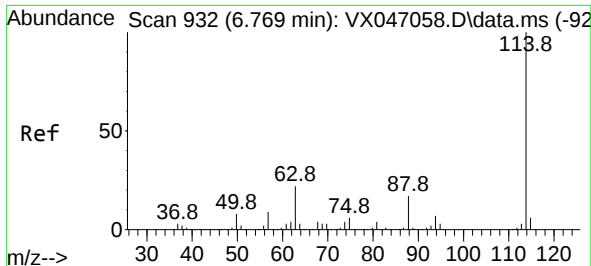
Tgt Ion:168 Resp: 259205
Ion Ratio Lower Upper
168 100
99 62.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 57.828 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion: 65 Resp: 186720
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

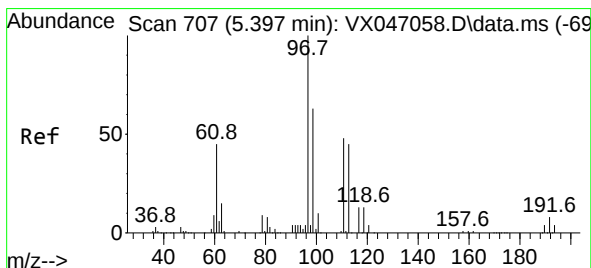
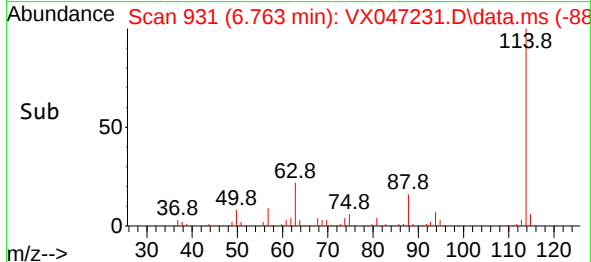
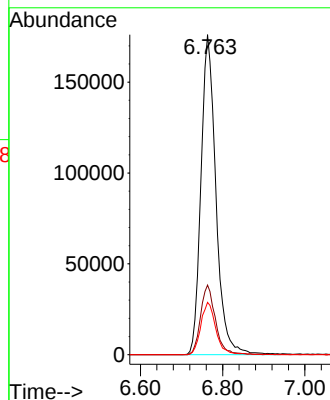
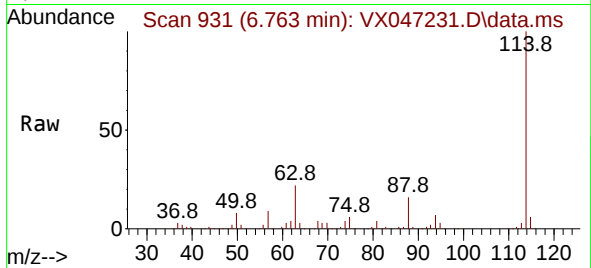




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

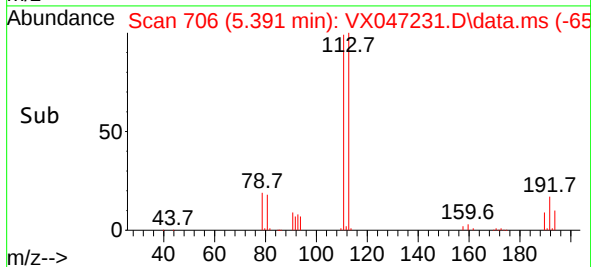
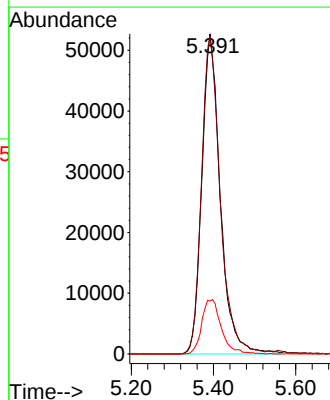
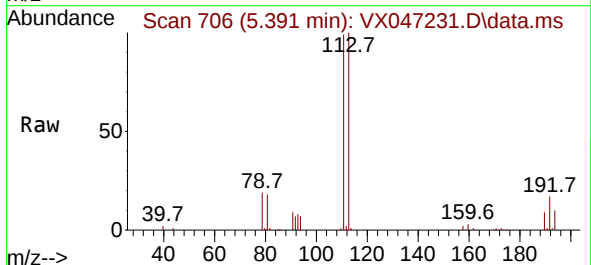
Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

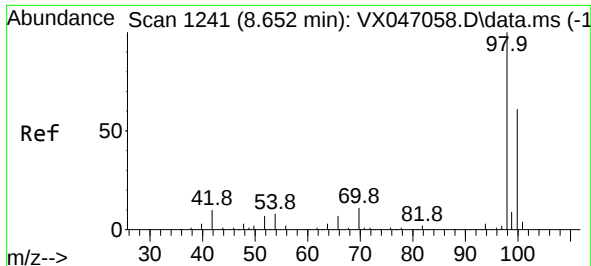
Tgt Ion:114 Resp: 445114
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.2
88 16.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 59.638 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion:113 Resp: 163901
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 18.0 14.9 22.3





#50

Toluene-d8

Concen: 53.528 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047231.D

Acq: 05 Aug 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :

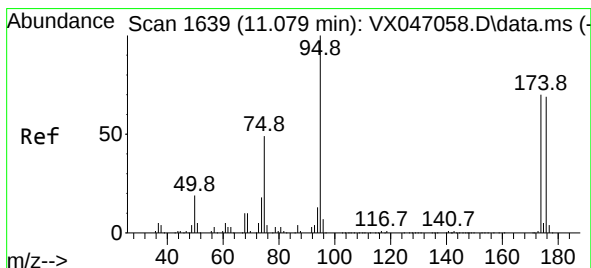
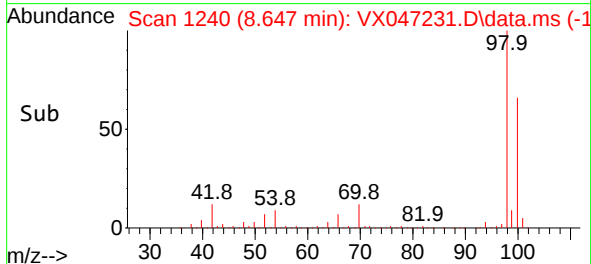
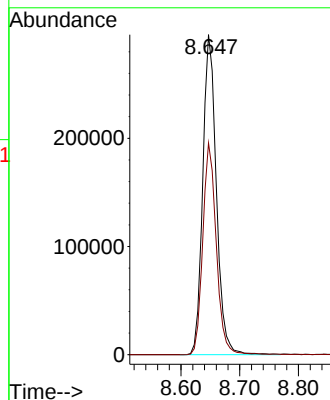
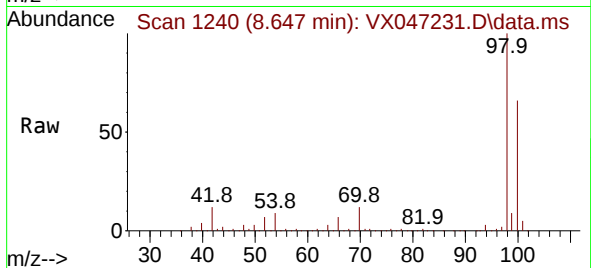
VX0805WBL01

Tgt Ion: 98 Resp: 476416

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 58.741 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047231.D

Acq: 05 Aug 2025 12:46

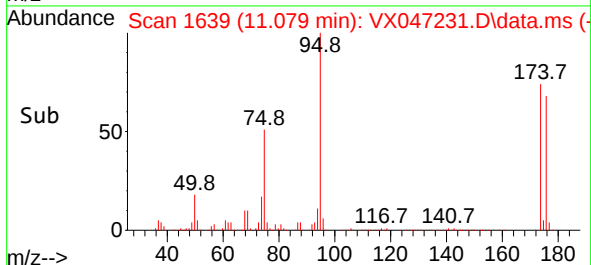
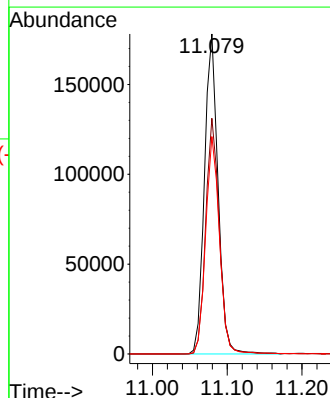
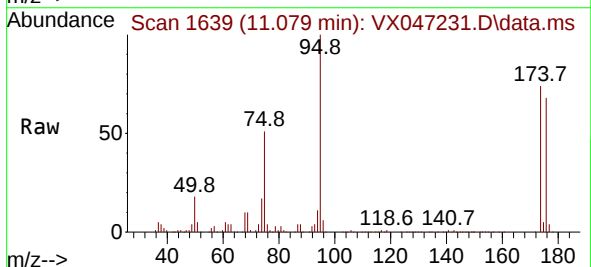
Tgt Ion: 95 Resp: 225302

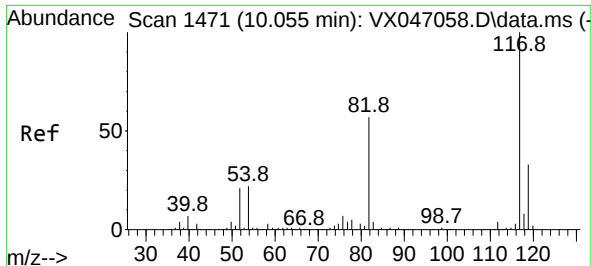
Ion Ratio Lower Upper

95 100

174 73.6 0.0 144.6

176 69.3 0.0 139.6

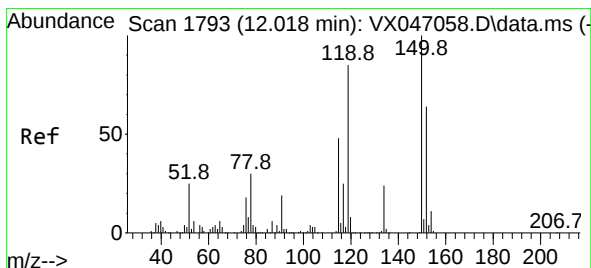
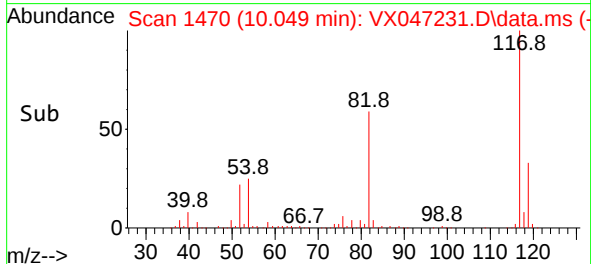
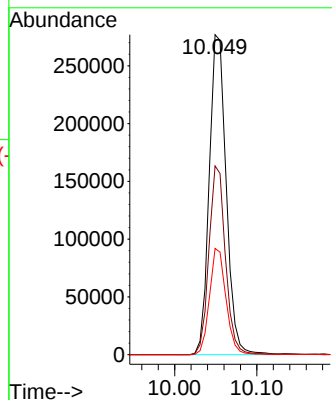
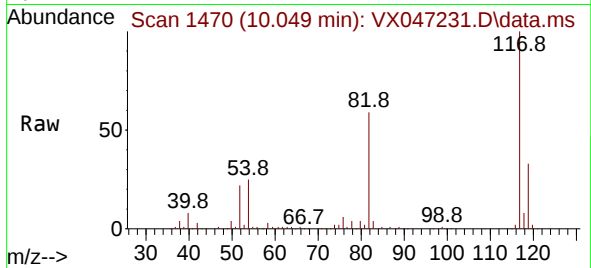




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0805WBL01

Tgt Ion:117 Resp: 397332
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.2
119 33.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047231.D
Acq: 05 Aug 2025 12:46

Tgt Ion:152 Resp: 206249
Ion Ratio Lower Upper
152 100
115 62.0 45.6 136.7
150 157.1 0.0 354.6

