

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047428.D
 Acq On : 20 Aug 2025 09:46
 Operator : JC/MD
 Sample : VX0820MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820MBL01

Quant Time: Aug 21 01:25:48 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	162923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	335236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	332362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	164295	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138699	60.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.660%#
35) Dibromofluoromethane	5.403	113	117506	54.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.020%
50) Toluene-d8	8.653	98	414838	53.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.680%
62) 4-Bromofluorobenzene	11.079	95	168618	58.758	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.520%

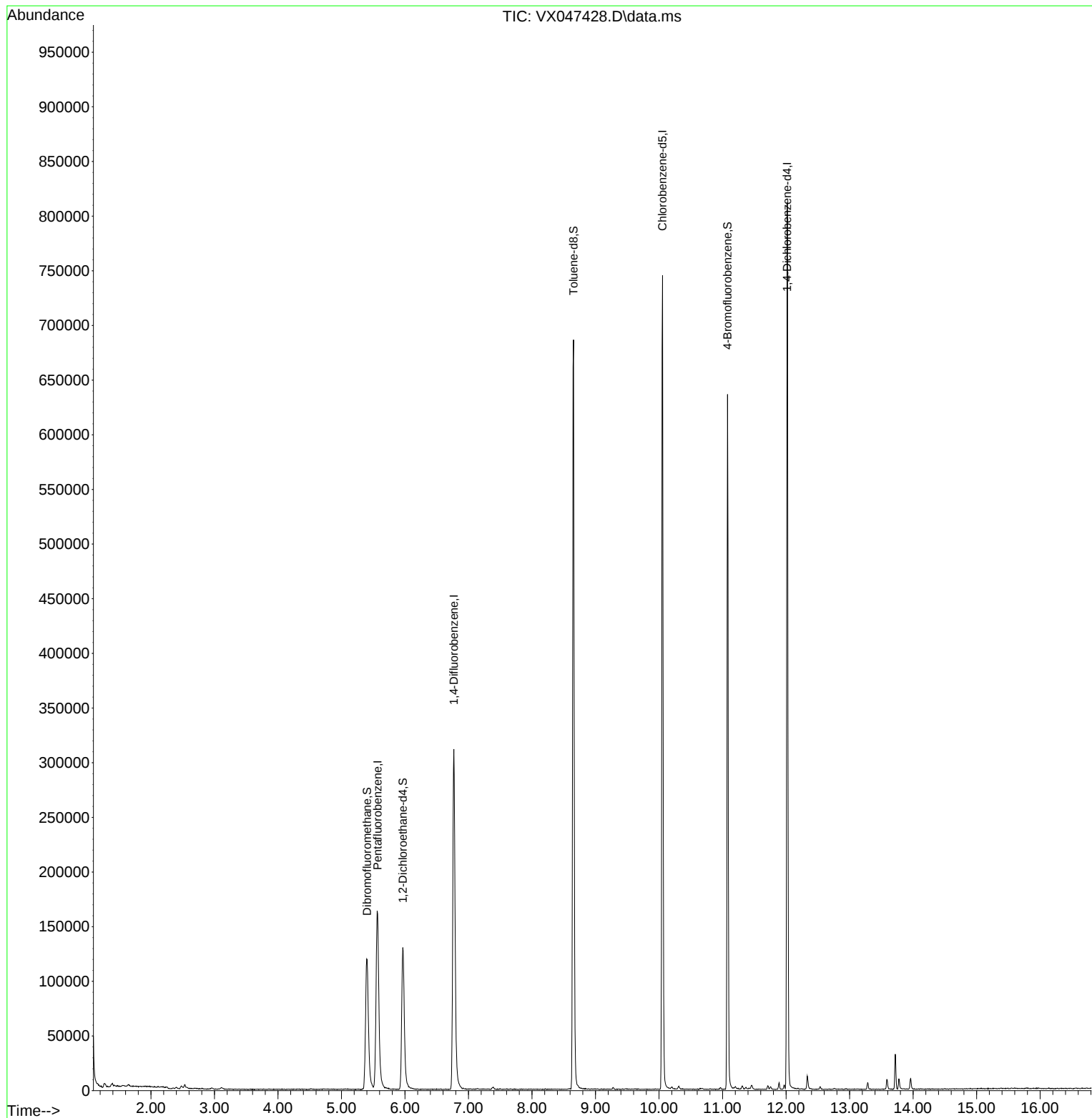
Target Compounds	Qvalue

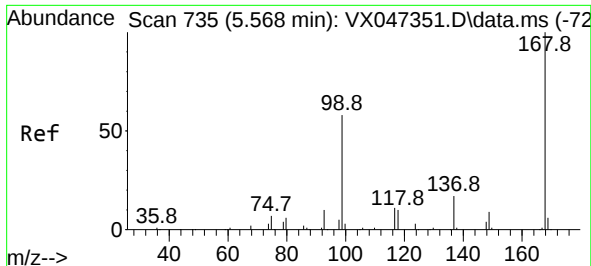
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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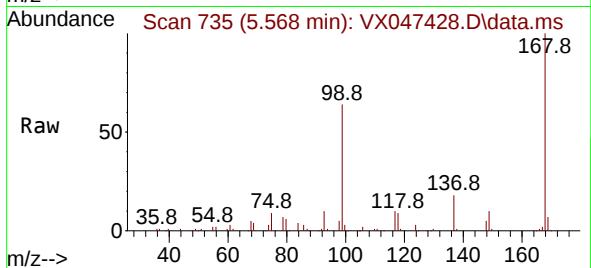
Quant Time: Aug 21 01:25:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
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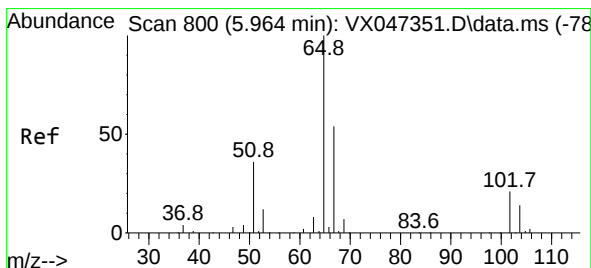
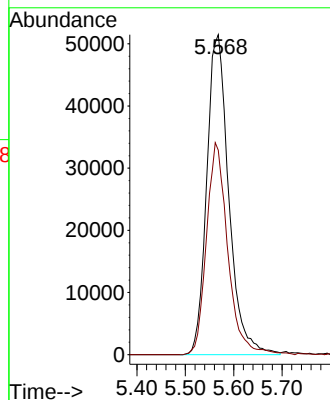
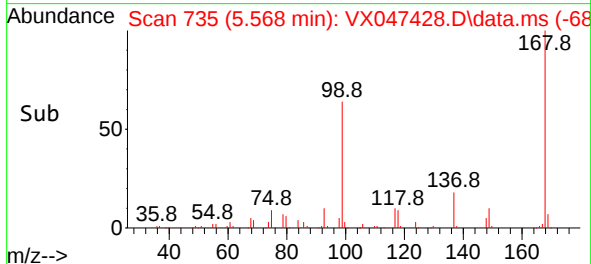


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047428.D
Acq: 20 Aug 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0820MBL01

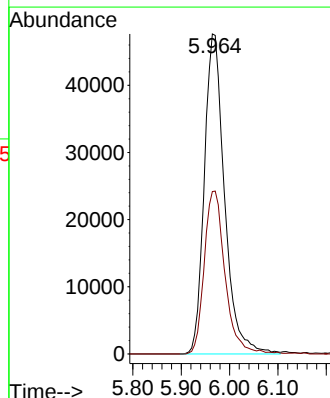
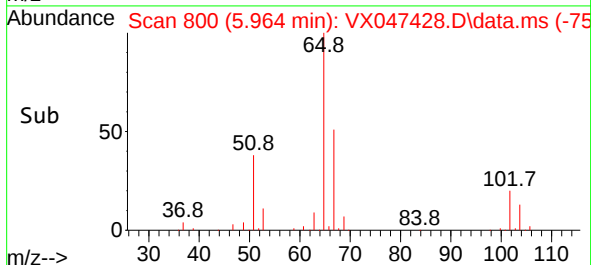
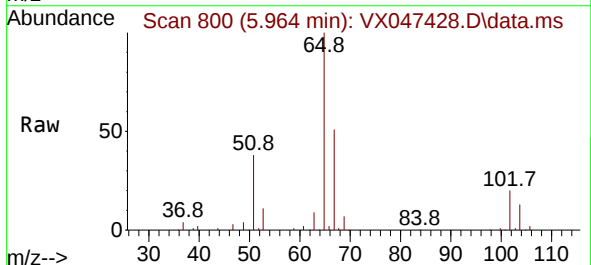


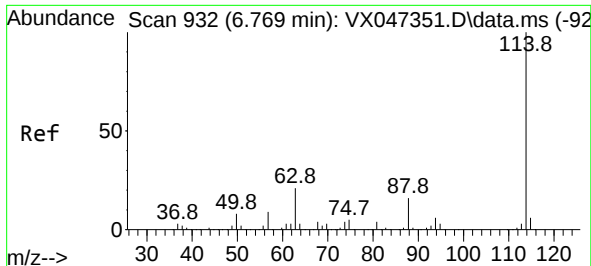
Tgt Ion:168 Resp: 162923
Ion Ratio Lower Upper
168 100
99 63.9 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 60.829 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047428.D
Acq: 20 Aug 2025 09:46

Tgt Ion: 65 Resp: 138699
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0

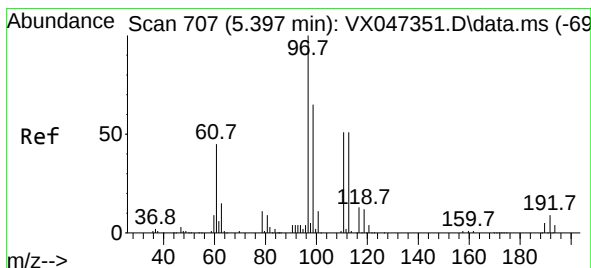
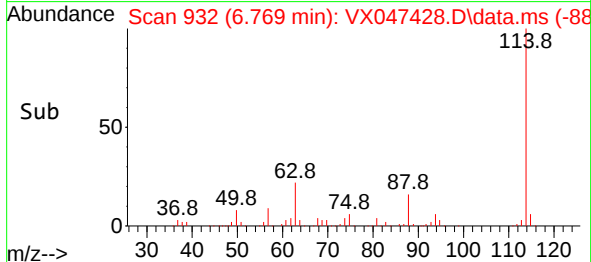
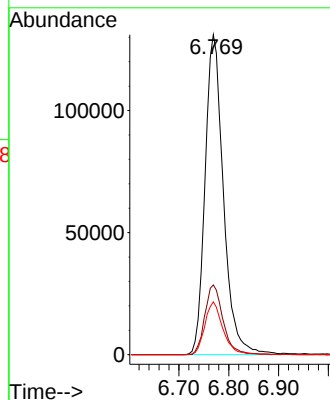
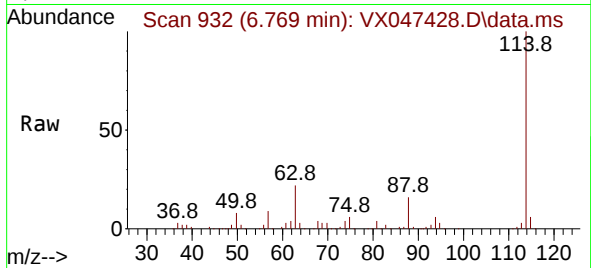




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047428.D
Acq: 20 Aug 2025 09:46

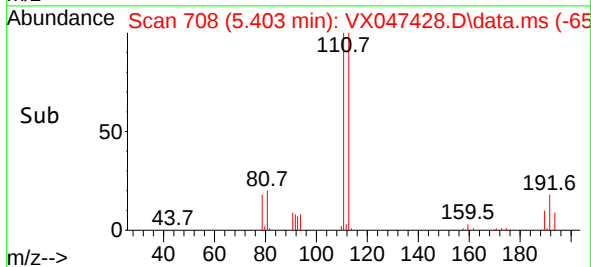
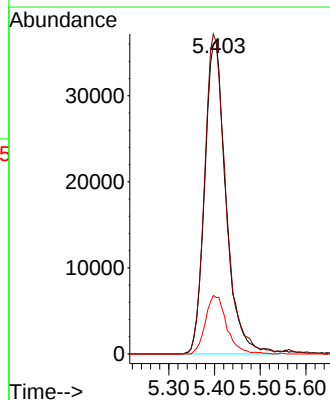
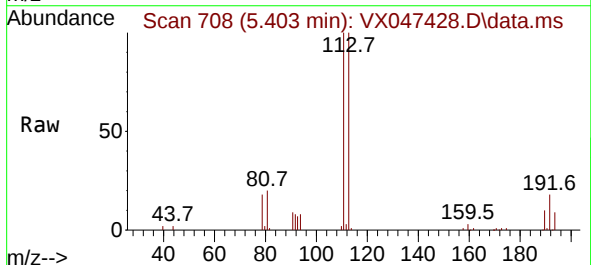
Instrument :
MSVOA_X
ClientSampleId :
VX0820MBL01

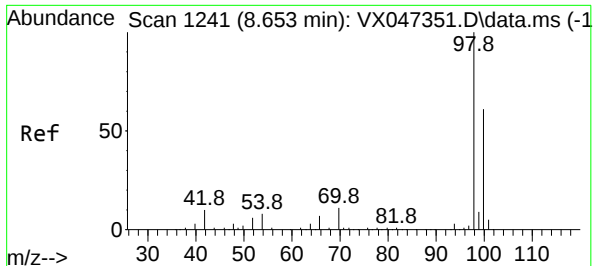
Tgt Ion:114 Resp: 335236
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.008 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047428.D
Acq: 20 Aug 2025 09:46

Tgt Ion:113 Resp: 117506
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 18.7 14.1 21.1





#50

Toluene-d8

Concen: 53.345 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047428.D

Acq: 20 Aug 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

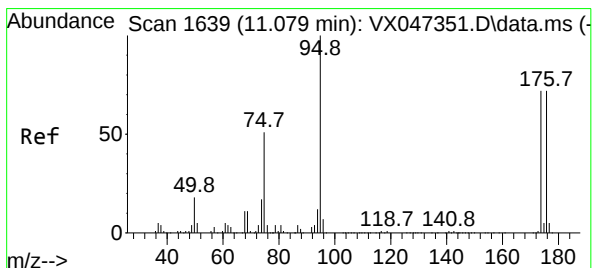
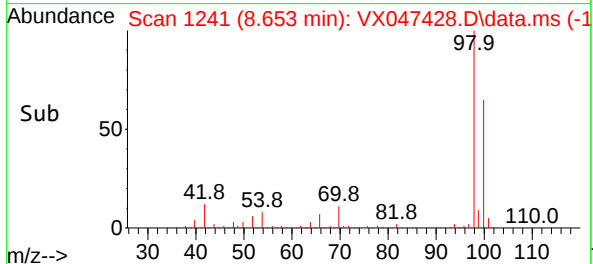
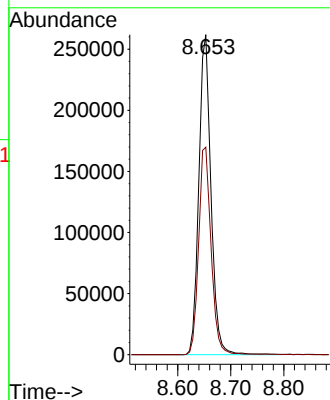
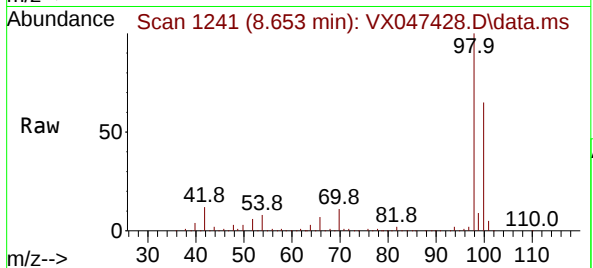
VX0820MBL01

Tgt Ion: 98 Resp: 414838

Ion Ratio Lower Upper

98 100

100 66.6 53.9 80.9



#62

4-Bromofluorobenzene

Concen: 58.758 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047428.D

Acq: 20 Aug 2025 09:46

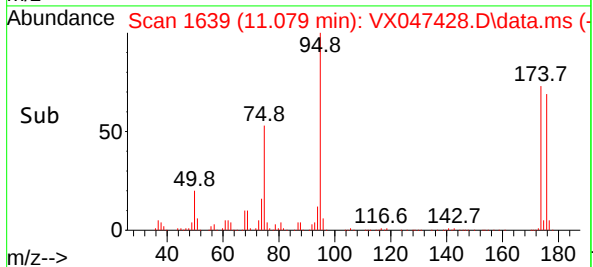
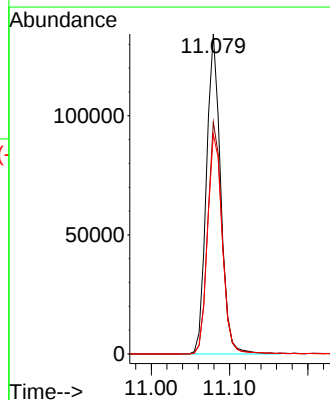
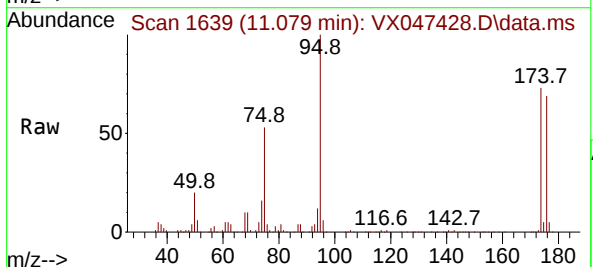
Tgt Ion: 95 Resp: 168618

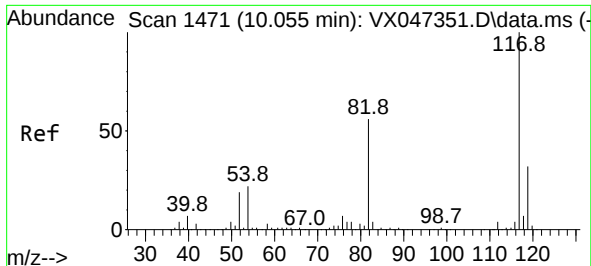
Ion Ratio Lower Upper

95 100

174 73.6 0.0 148.0

176 71.4 0.0 145.4

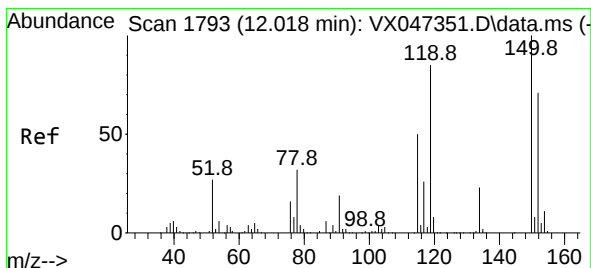
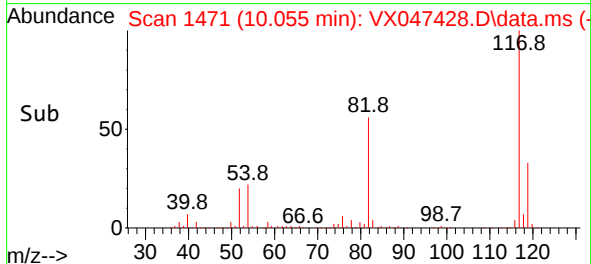
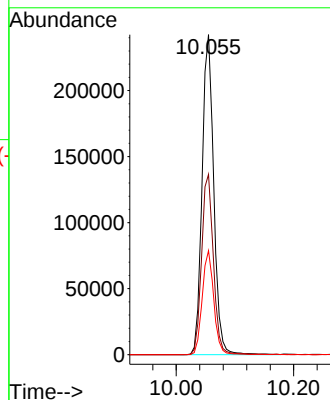
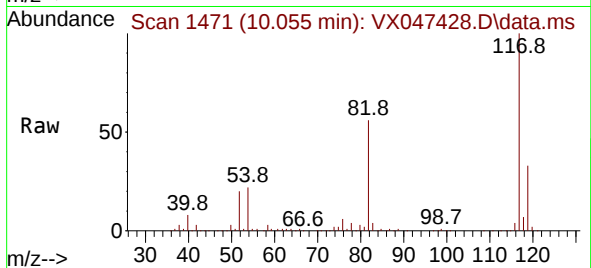




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047428.D
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Tgt Ion:117 Resp: 332362
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047428.D
Acq: 20 Aug 2025 09:46

Tgt Ion:152 Resp: 164295
Ion Ratio Lower Upper
152 100
115 61.1 44.6 133.8
150 157.1 0.0 349.8

