

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047362.D
 Acq On : 15 Aug 2025 15:10
 Operator : JC/MD
 Sample : Q2880-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Aug 18 04:34:36 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	298008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	567332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	228243	54.725	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.460%
35) Dibromofluoromethane	5.397	113	193604	52.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	8.653	98	699422	53.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.300%
62) 4-Bromofluorobenzene	11.079	95	291848	60.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.180%

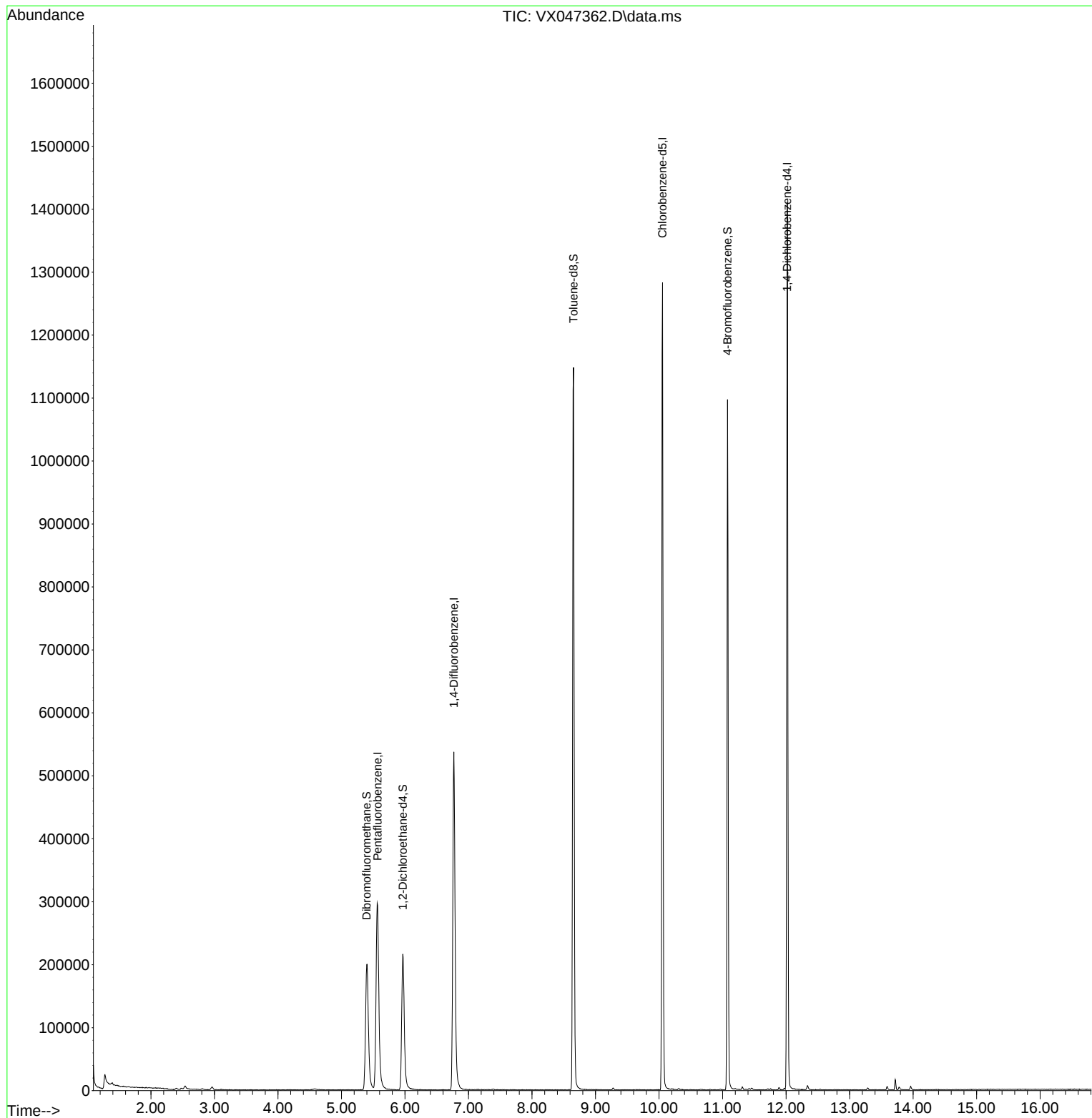
Target Compounds	Qvalue

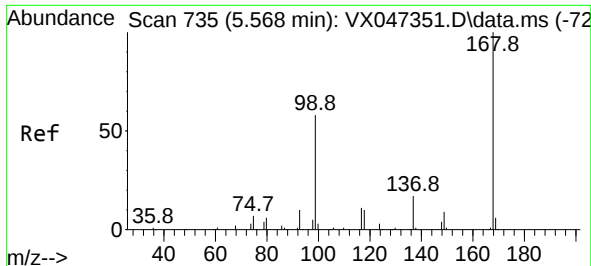
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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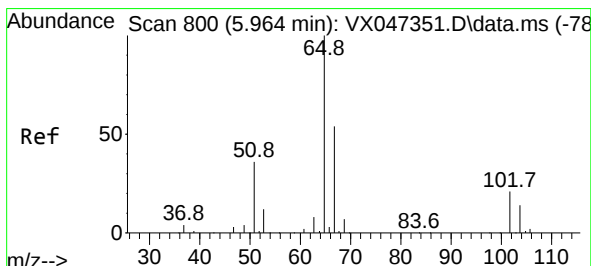
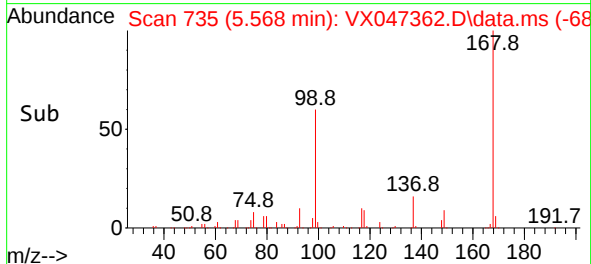
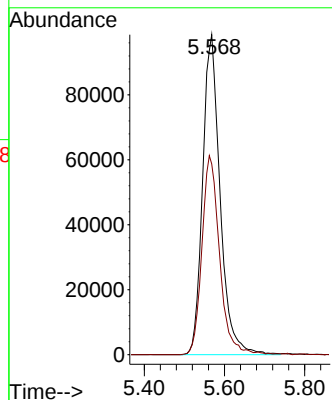
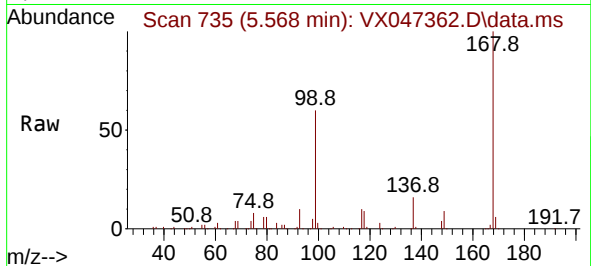




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047362.D
Acq: 15 Aug 2025 15:10

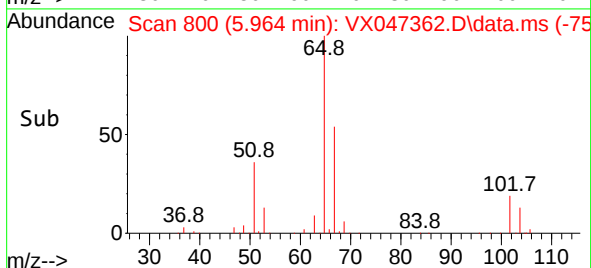
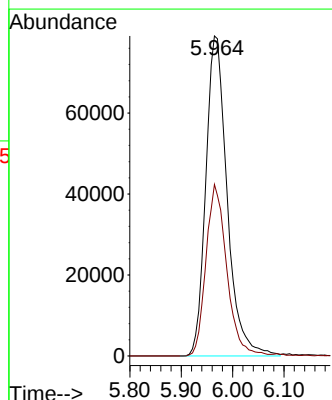
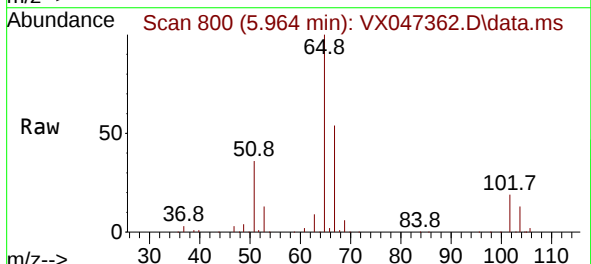
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

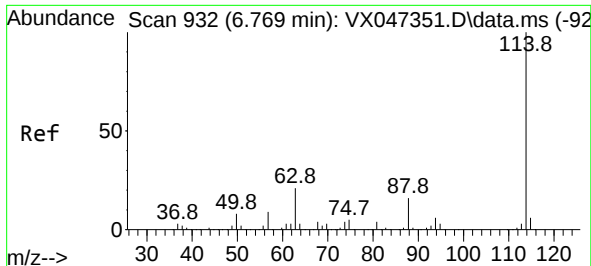
Tgt Ion:168 Resp: 298008
Ion Ratio Lower Upper
168 100
99 59.6 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 54.725 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047362.D
Acq: 15 Aug 2025 15:10

Tgt Ion: 65 Resp: 228243
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0

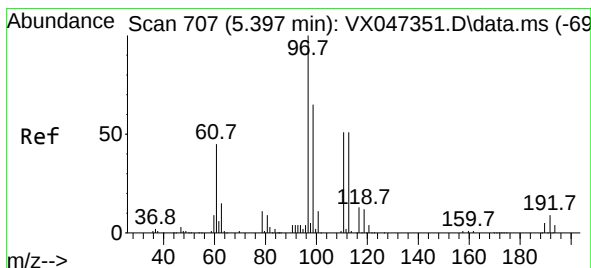
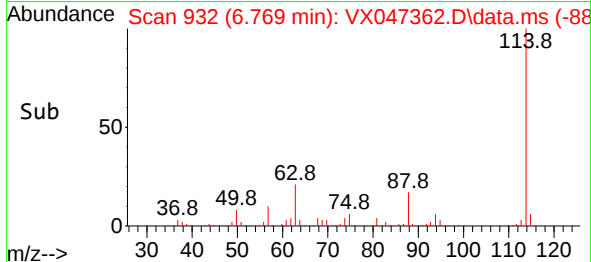
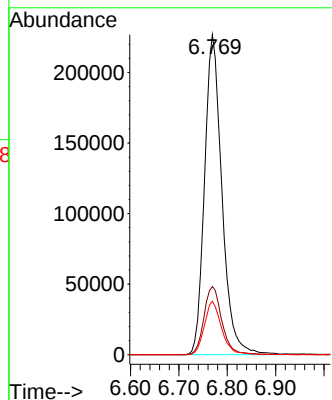
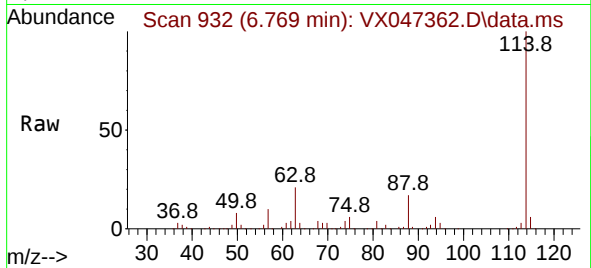




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047362.D
Acq: 15 Aug 2025 15:10

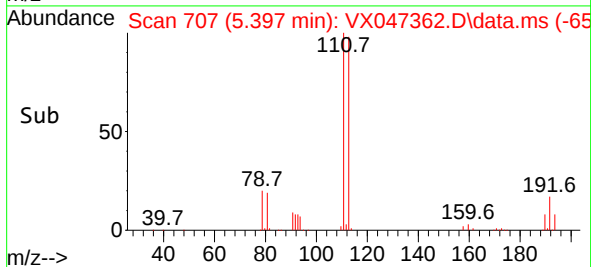
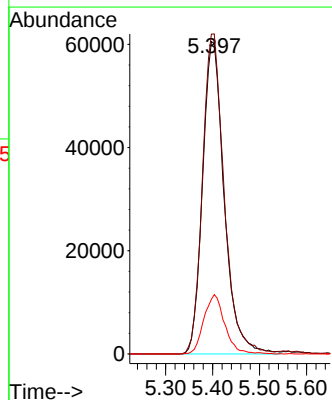
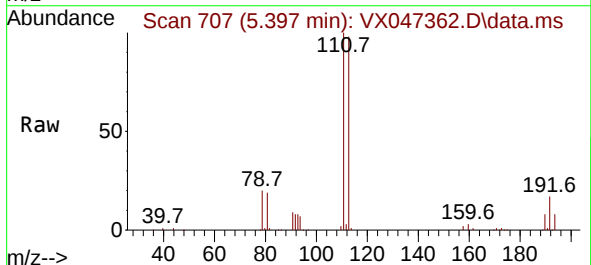
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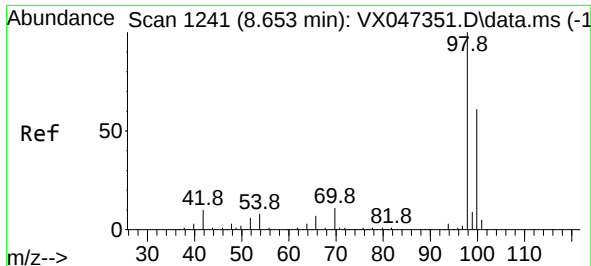
Tgt Ion:114 Resp: 567332
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.581 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047362.D
Acq: 15 Aug 2025 15:10

Tgt Ion:113 Resp: 193604
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 18.4 14.1 21.1

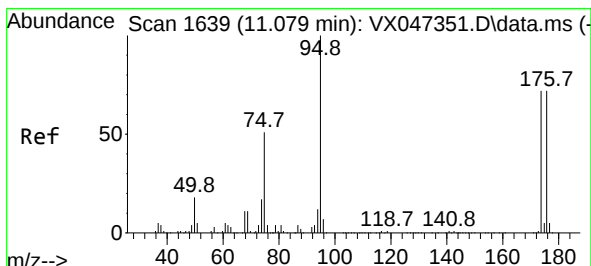
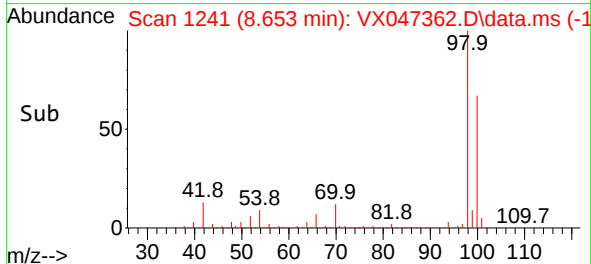
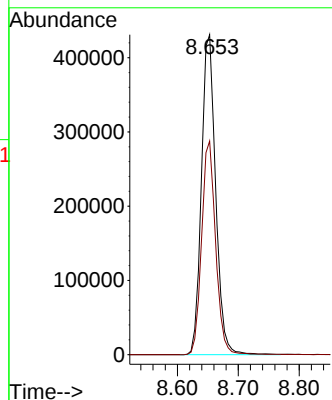
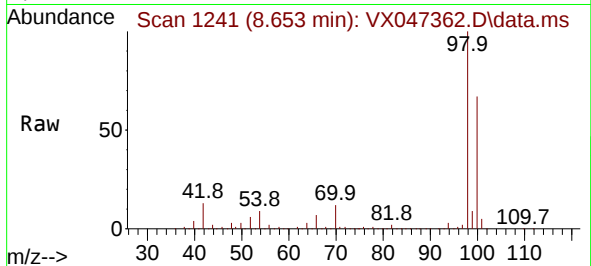




#50
Toluene-d8
Concen: 53.145 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047362.D
Acq: 15 Aug 2025 15:10

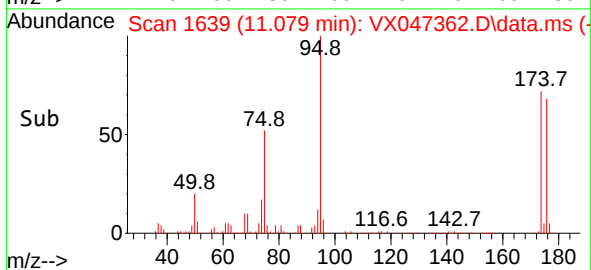
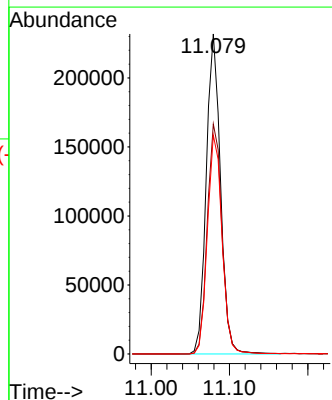
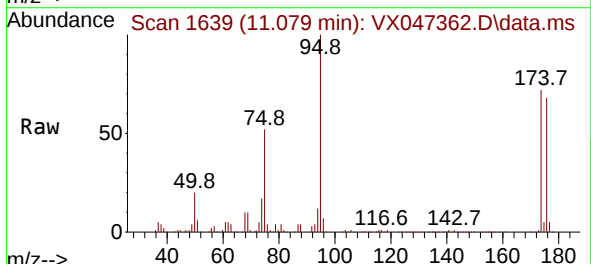
Instrument :
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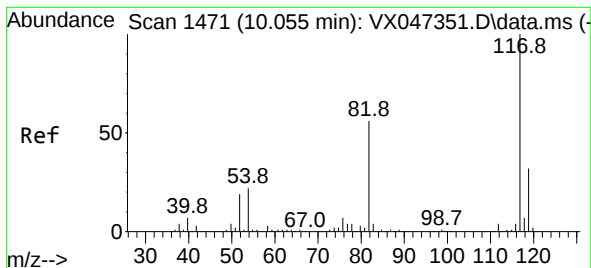
Tgt Ion: 98 Resp: 699422
Ion Ratio Lower Upper
98 100
100 65.8 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 60.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047362.D
Acq: 15 Aug 2025 15:10

Tgt Ion: 95 Resp: 291848
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.0
176 70.4 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: VX047362.D

Acq: 15 Aug 2025 15:10

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

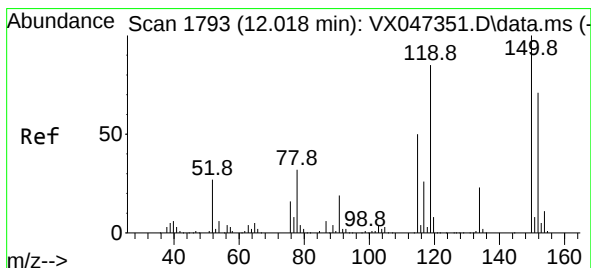
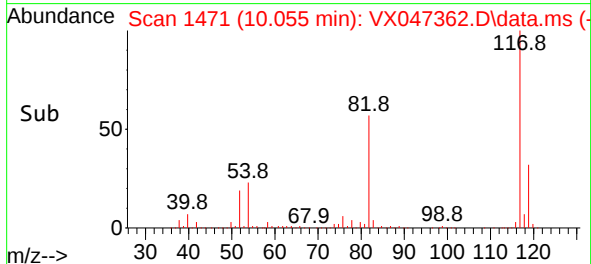
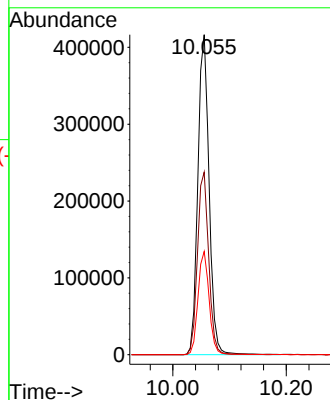
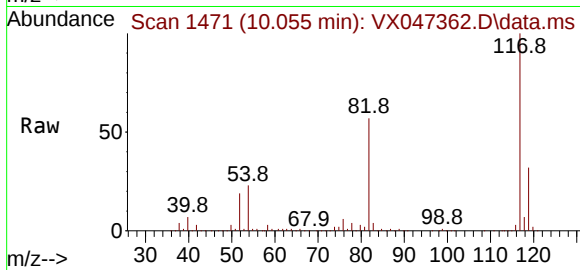
Tgt Ion:117 Resp: 570443

Ion Ratio Lower Upper

117 100

82 57.1 45.0 67.4

119 32.3 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: VX047362.D

Acq: 15 Aug 2025 15:10

Tgt Ion:152 Resp: 281279

Ion Ratio Lower Upper

152 100

115 62.8 44.6 133.8

150 155.9 0.0 349.8

