

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047365.D
 Acq On : 15 Aug 2025 16:15
 Operator : JC/MD
 Sample : Q2880-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 18 04:35:39 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	316568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	608089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	296693	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	246731	55.690	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.380%
35) Dibromofluoromethane	5.403	113	206299	52.273	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	8.653	98	747535	52.994	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.980%
62) 4-Bromofluorobenzene	11.079	95	303366	58.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.560%

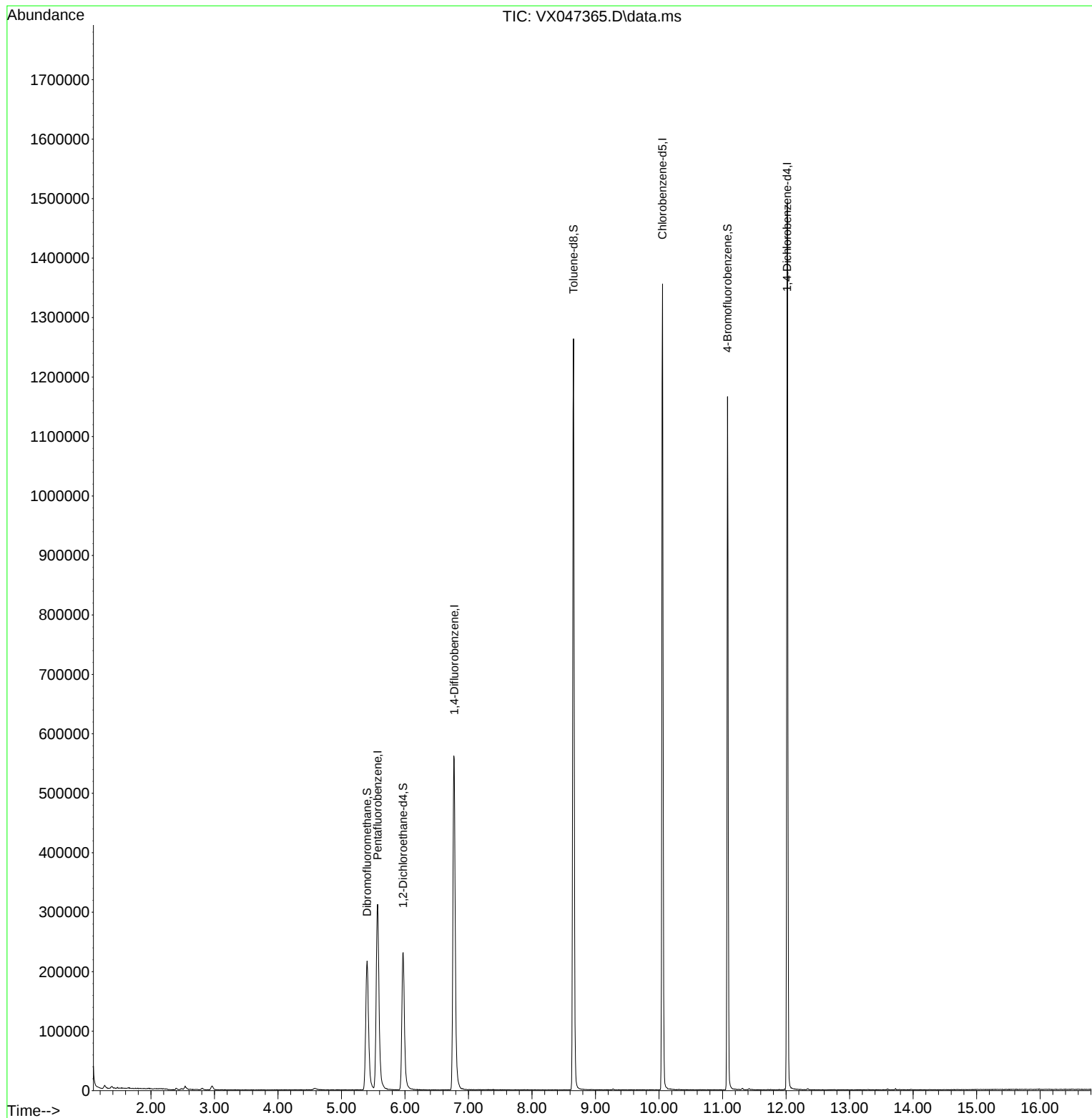
Target Compounds	Qvalue

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

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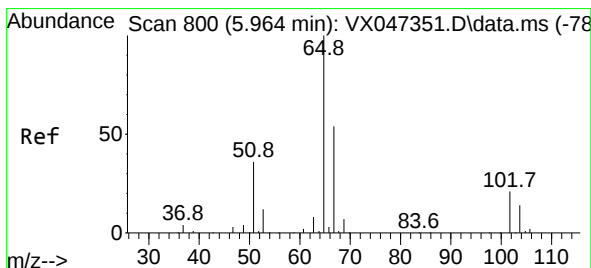
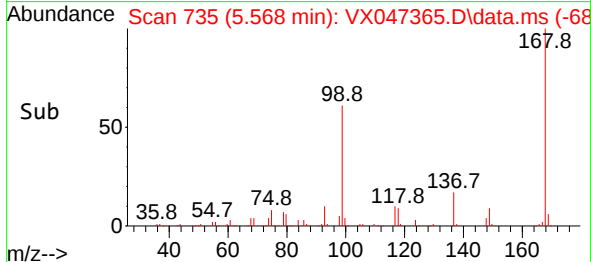
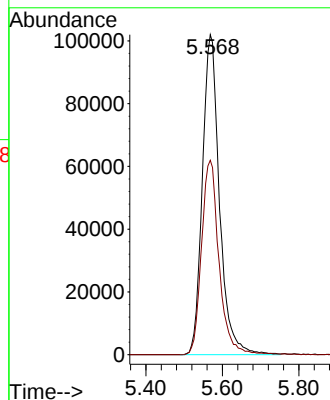
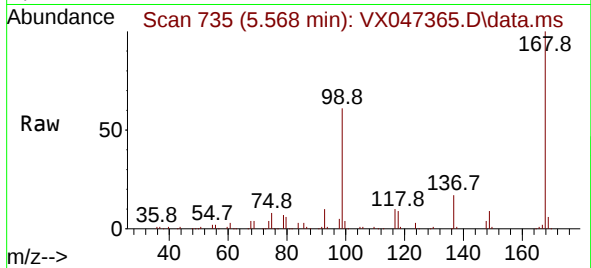




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047365.D
Acq: 15 Aug 2025 16:15

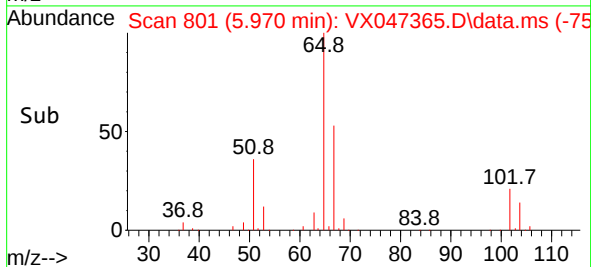
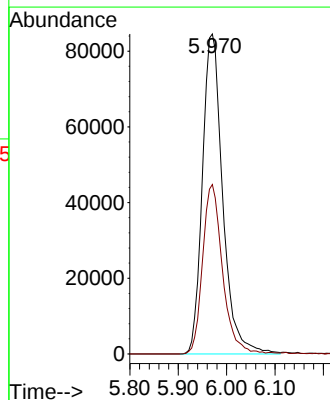
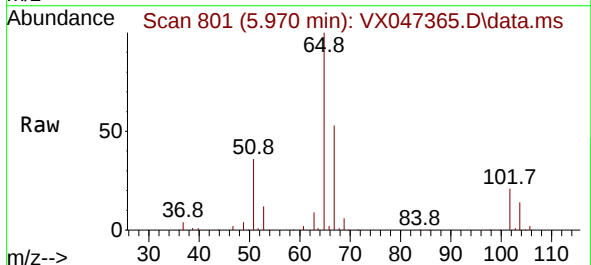
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

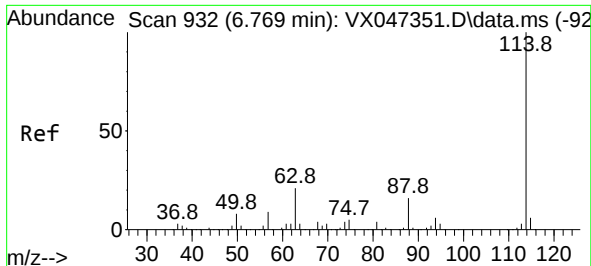
Tgt Ion:168 Resp: 316568
Ion Ratio Lower Upper
168 100
99 60.8 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 55.690 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047365.D
Acq: 15 Aug 2025 16:15

Tgt Ion: 65 Resp: 246731
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.0

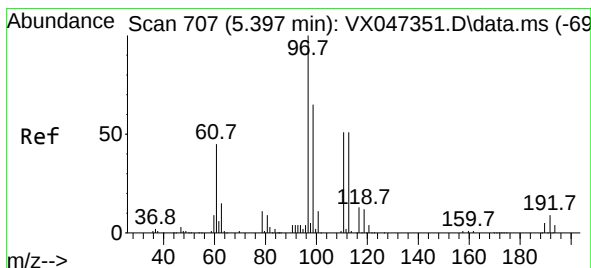
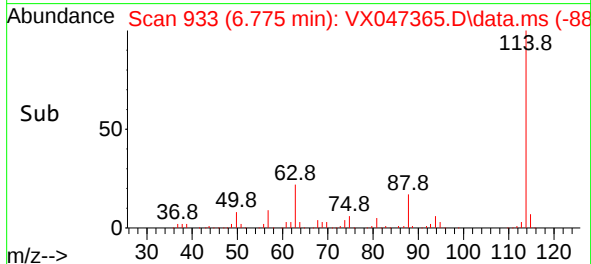
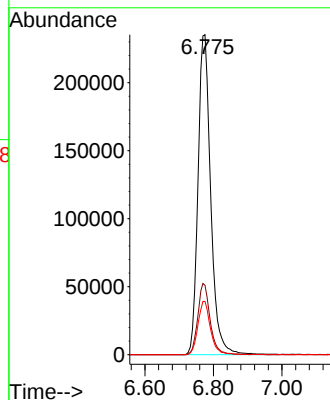
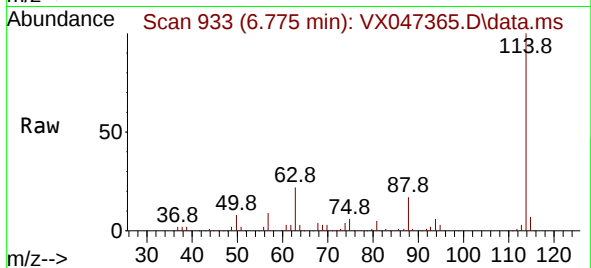




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX047365.D
Acq: 15 Aug 2025 16:15

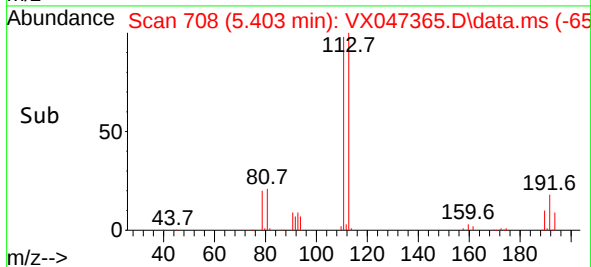
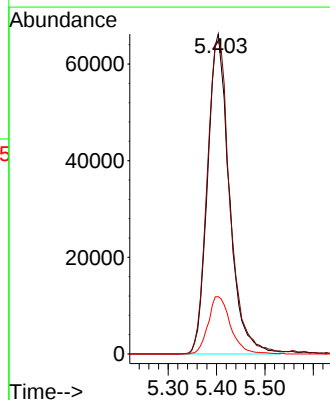
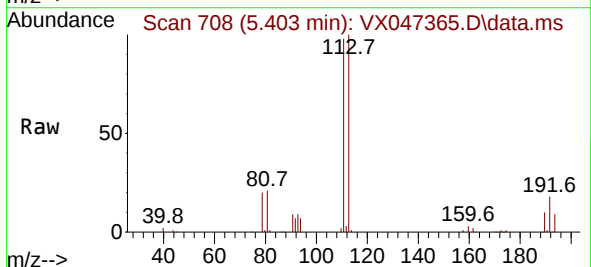
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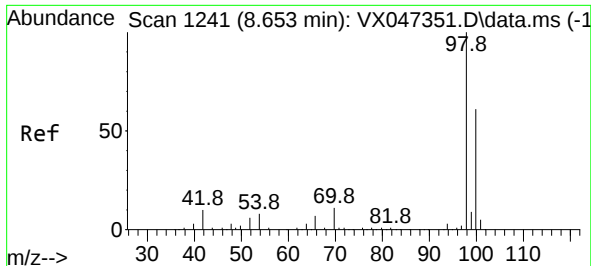
Tgt Ion:114 Resp: 608089
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.273 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047365.D
Acq: 15 Aug 2025 16:15

Tgt Ion:113 Resp: 206299
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 18.5 14.1 21.1

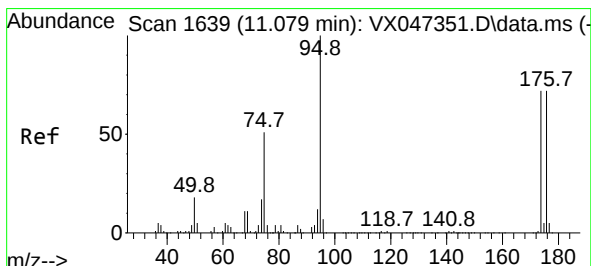
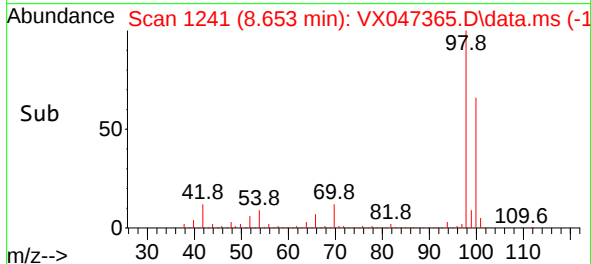
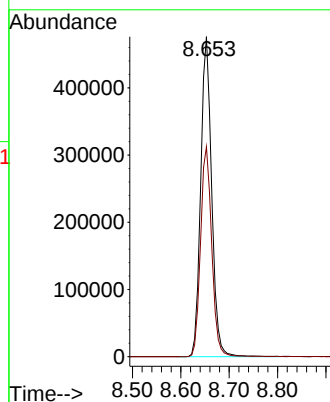
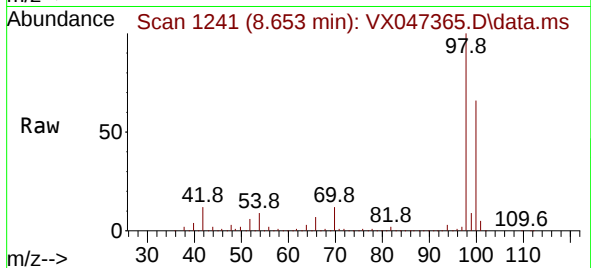




#50
Toluene-d8
Concen: 52.994 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047365.D
Acq: 15 Aug 2025 16:15

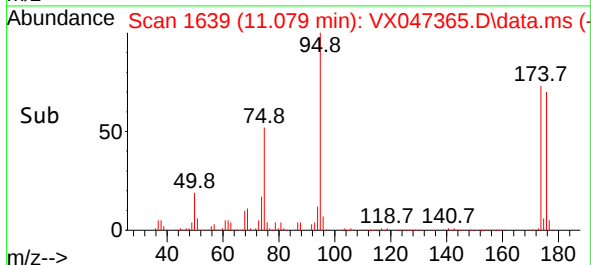
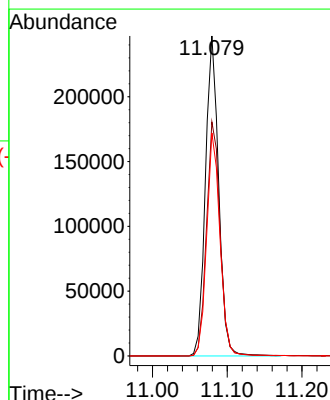
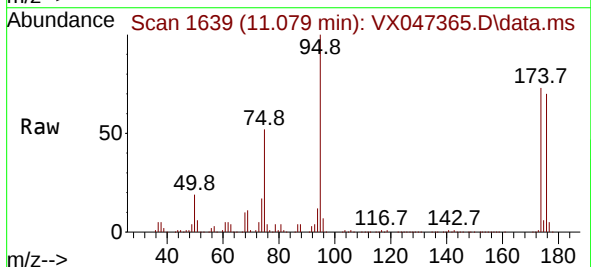
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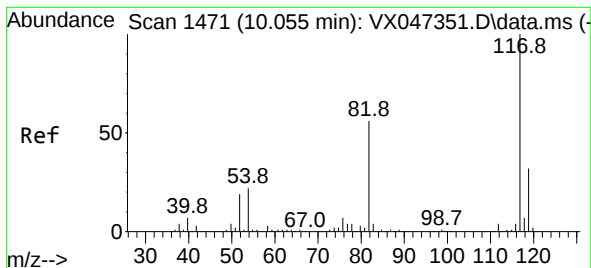
Tgt Ion: 98 Resp: 747535
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047365.D
Acq: 15 Aug 2025 16:15

Tgt Ion: 95 Resp: 303366
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.0
176 70.1 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: VX047365.D

Acq: 15 Aug 2025 16:15

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

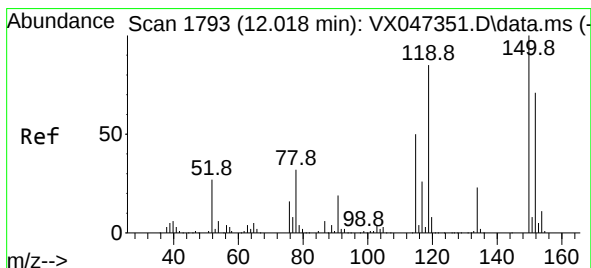
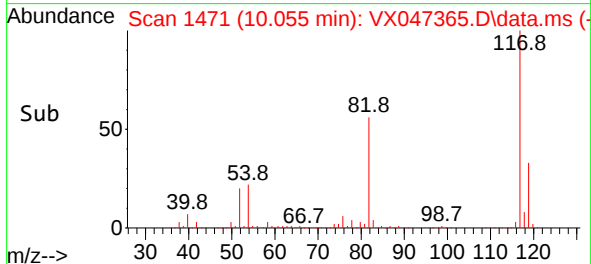
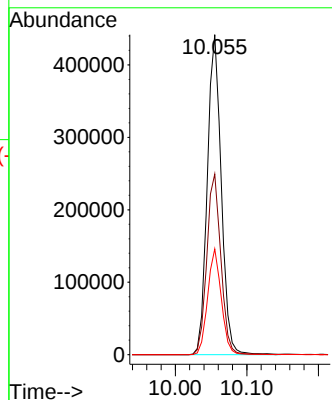
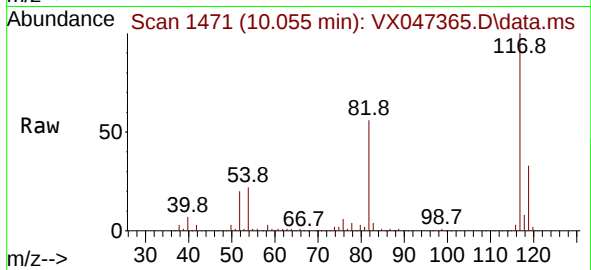
Tgt Ion:117 Resp: 598972

Ion Ratio Lower Upper

117 100

82 56.4 45.0 67.4

119 33.1 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: VX047365.D

Acq: 15 Aug 2025 16:15

Tgt Ion:152 Resp: 296693

Ion Ratio Lower Upper

152 100

115 61.7 44.6 133.8

150 156.8 0.0 349.8

