

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047435.D
 Acq On : 20 Aug 2025 12:32
 Operator : JC/MD
 Sample : Q2878-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-57.5-081325

Quant Time: Aug 21 01:29:58 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)

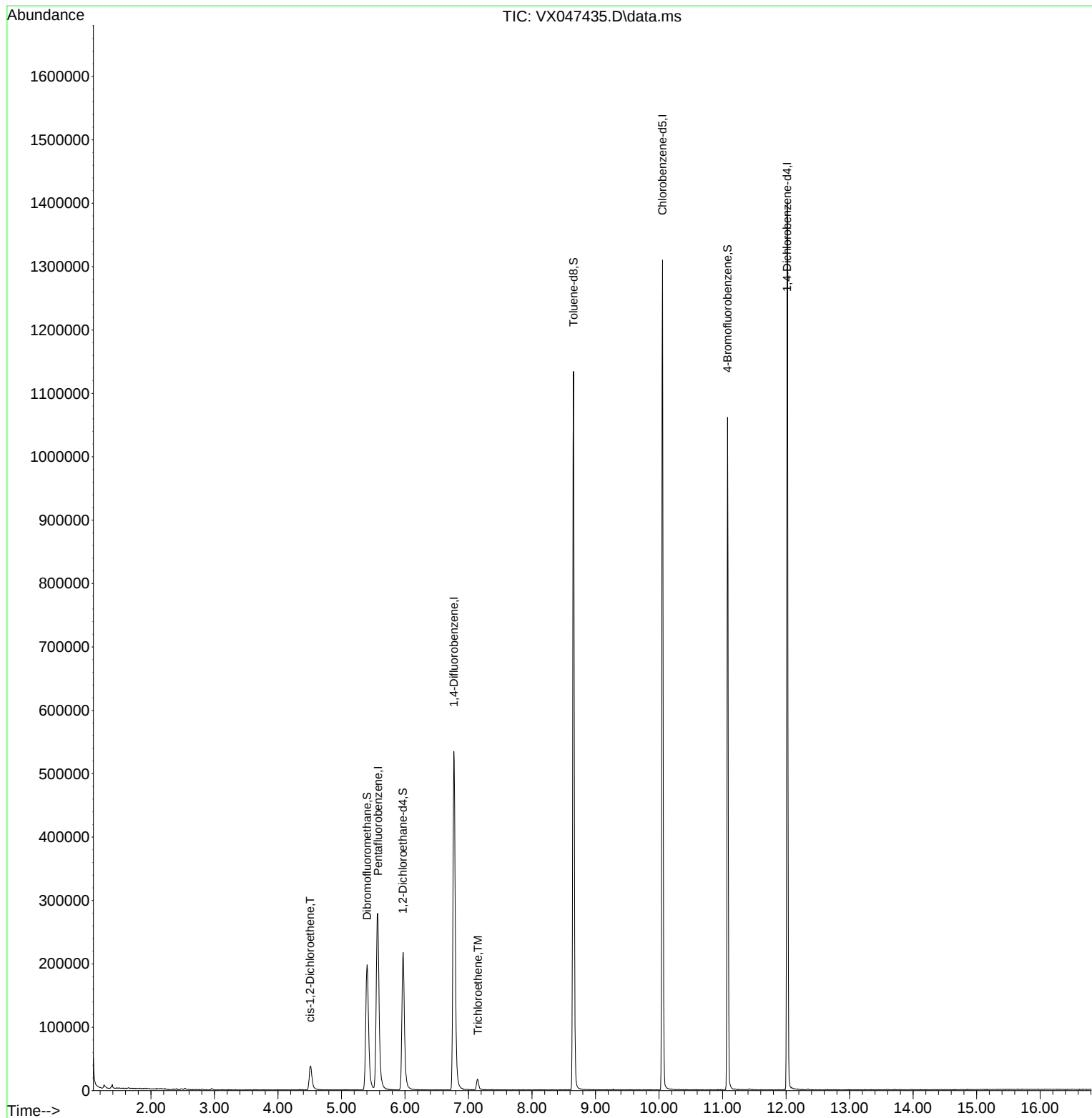
Internal Standards						
1) Pentafluorobenzene	5.574	168	282898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	573773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	570050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	278490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	226612	57.236	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.480%
35) Dibromofluoromethane	5.403	113	189624	50.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	8.653	98	679382	51.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.080%
62) 4-Bromofluorobenzene	11.079	95	274073	55.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.600%
Target Compounds						
27) cis-1,2-Dichloroethene	4.507	96	26338	5.982	ug/l	93
44) Trichloroethene	7.147	130	7623	1.692	ug/l	95

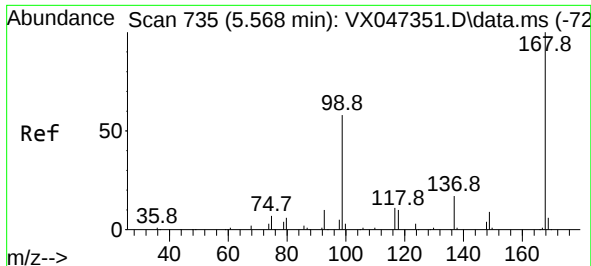
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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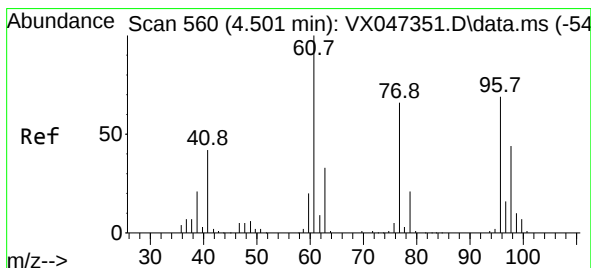
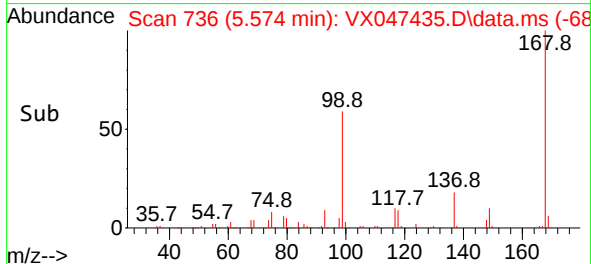
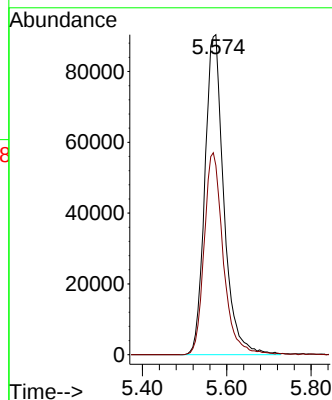
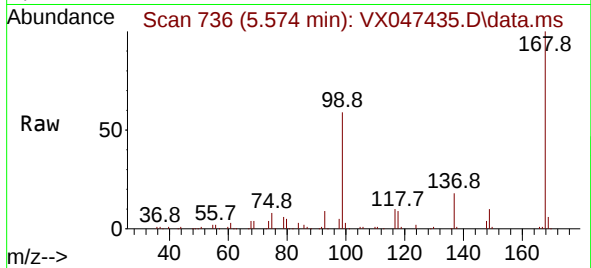




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047435.D
Acq: 20 Aug 2025 12:32

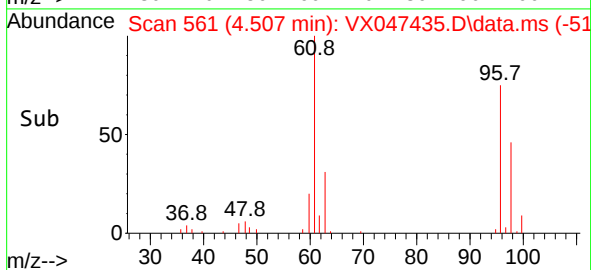
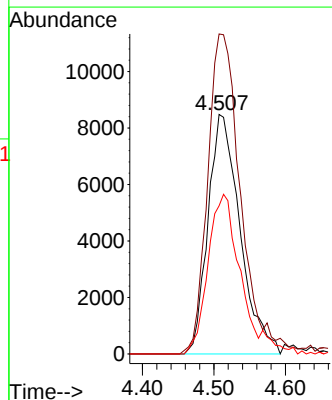
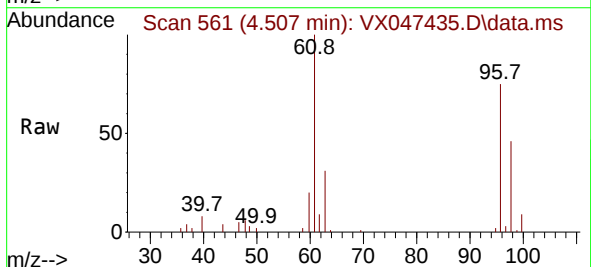
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-081325

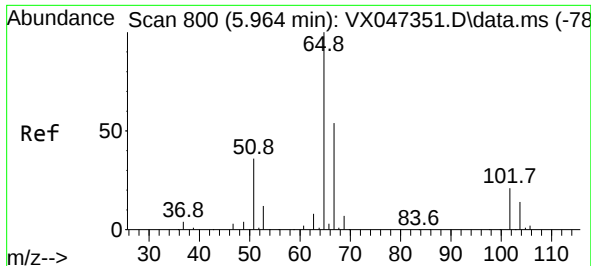
Tgt Ion:168 Resp: 282898
Ion Ratio Lower Upper
168 100
99 59.1 47.9 71.9



#27
cis-1,2-Dichloroethene
Concen: 5.982 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.006 min
Lab File: VX047435.D
Acq: 20 Aug 2025 12:32

Tgt Ion: 96 Resp: 26338
Ion Ratio Lower Upper
96 100
61 137.5 0.0 296.6
98 68.6 0.0 130.4

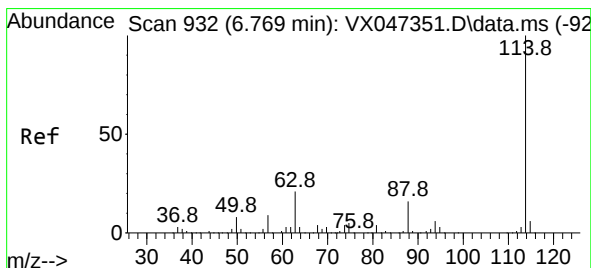
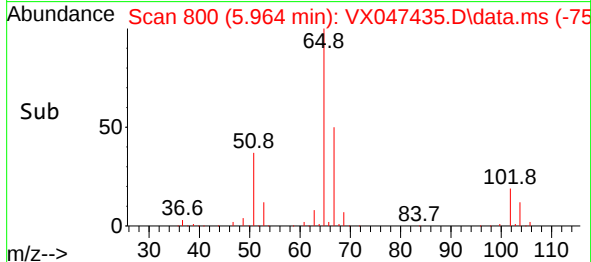
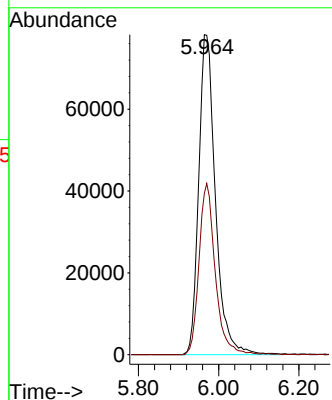
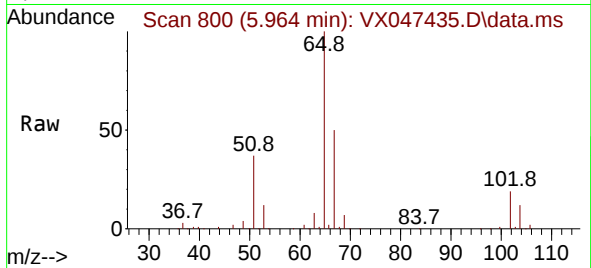




#33
 1,2-Dichloroethane-d4
 Concen: 57.236 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047435.D
 Acq: 20 Aug 2025 12:32

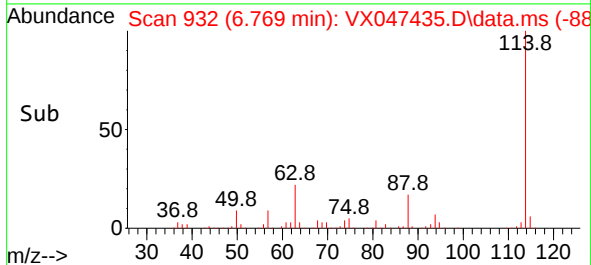
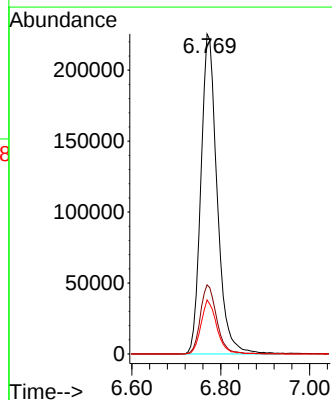
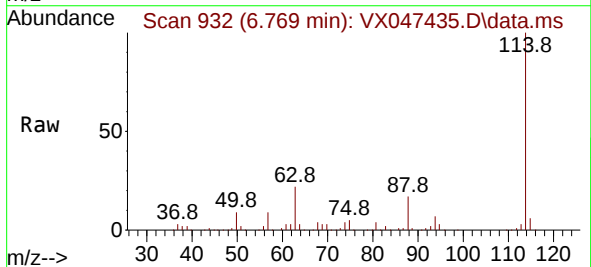
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-57.5-081325

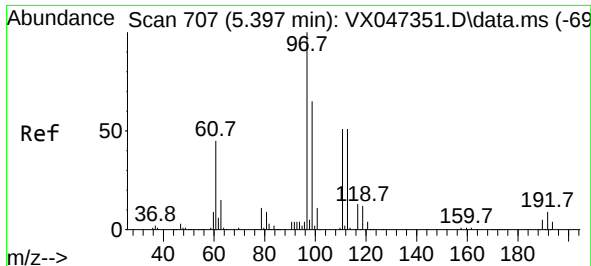
Tgt Ion: 65 Resp: 226612
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047435.D
 Acq: 20 Aug 2025 12:32

Tgt Ion: 114 Resp: 573773
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.922 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047435.D

Acq: 20 Aug 2025 12:32

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-57.5-081325

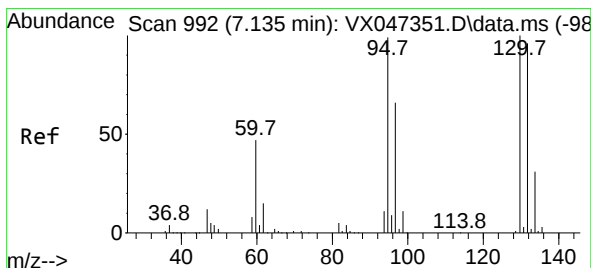
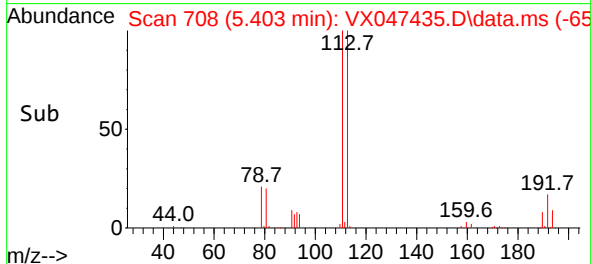
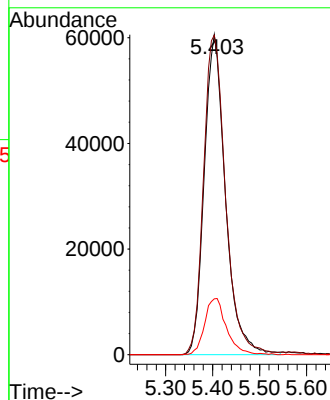
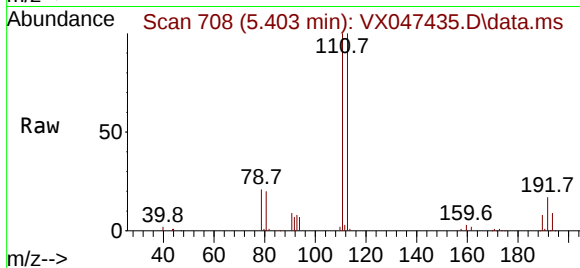
Tgt Ion:113 Resp: 189624

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.2

192 18.1 14.1 21.1



#44

Trichloroethene

Concen: 1.692 ug/l

RT: 7.147 min Scan# 994

Delta R.T. 0.012 min

Lab File: VX047435.D

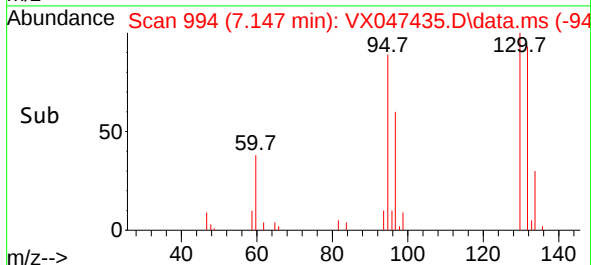
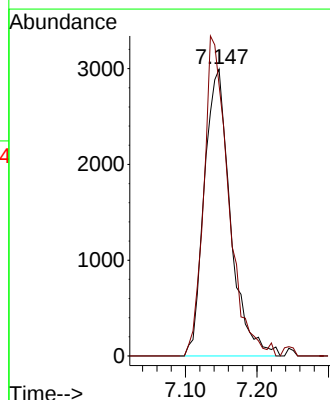
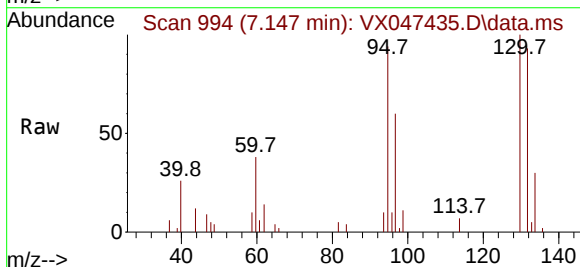
Acq: 20 Aug 2025 12:32

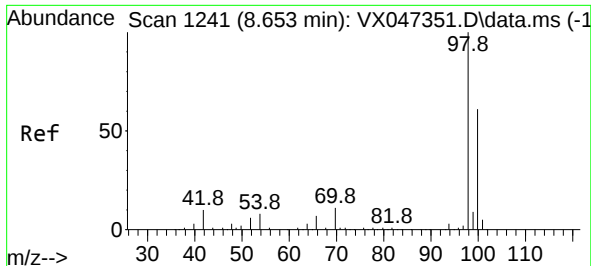
Tgt Ion:130 Resp: 7623

Ion Ratio Lower Upper

130 100

95 94.5 0.0 198.6

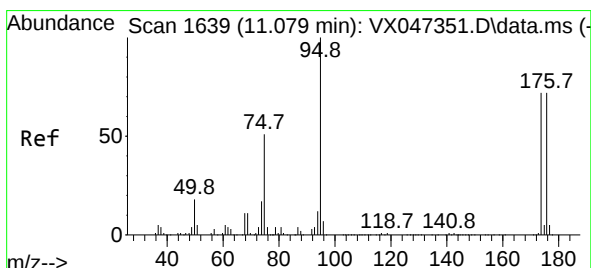
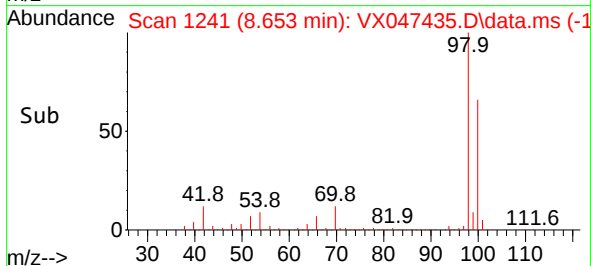
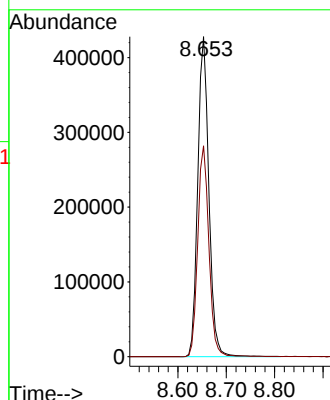
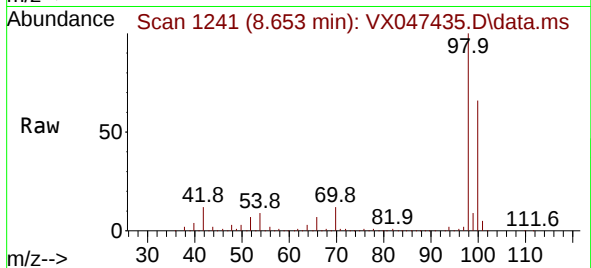




#50
Toluene-d8
Concen: 51.043 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047435.D
Acq: 20 Aug 2025 12:32

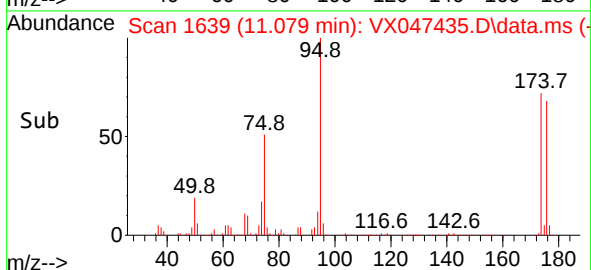
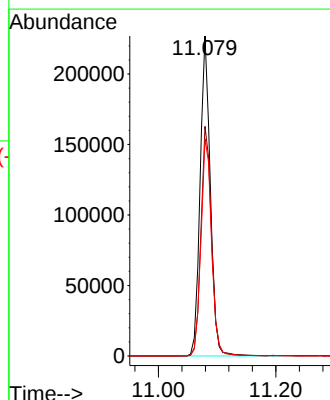
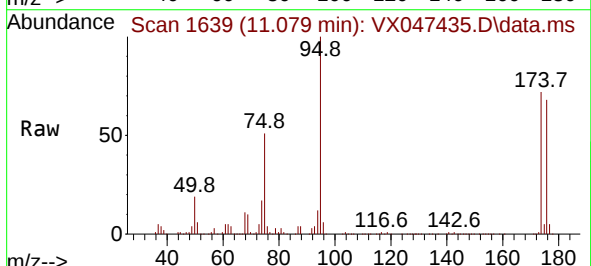
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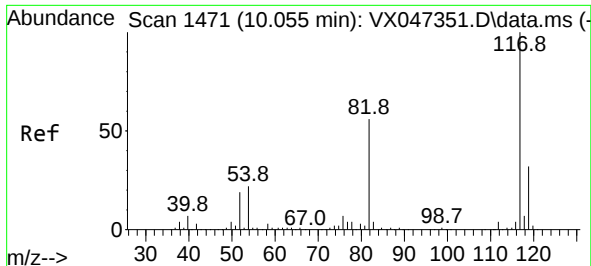
Tgt Ion: 98 Resp: 679382
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047435.D
Acq: 20 Aug 2025 12:32

Tgt Ion: 95 Resp: 274073
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 70.7 0.0 145.4

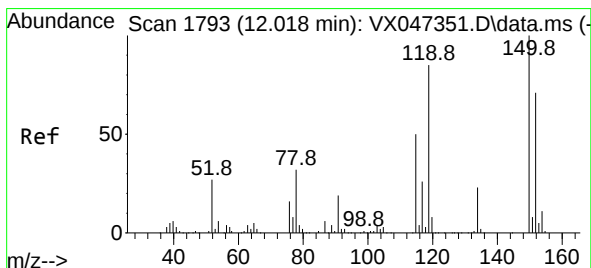
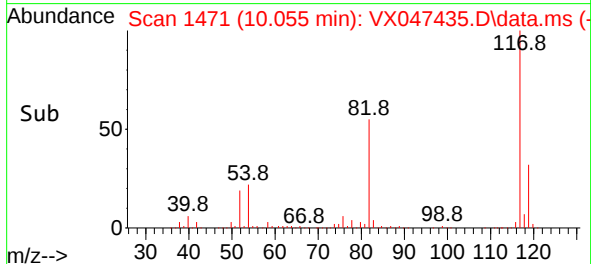
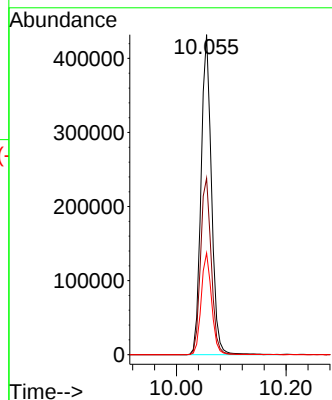
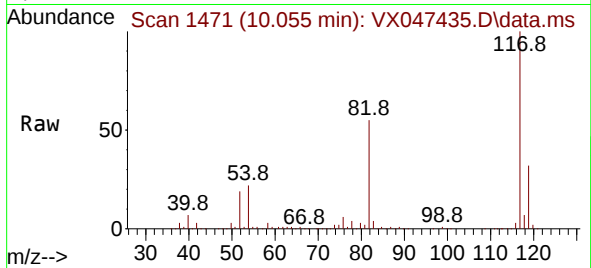




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047435.D
Acq: 20 Aug 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:117 Resp: 570050
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 31.8 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: VX047435.D
Acq: 20 Aug 2025 12:32

Tgt Ion:152 Resp: 278490
Ion Ratio Lower Upper
152 100
115 61.4 44.6 133.8
150 156.6 0.0 349.8

