

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046500.D
 Acq On : 04 Jun 2025 15:02
 Operator : JC/MD
 Sample : Q2200-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-37.5-060325

Quant Time: Jun 05 01:56:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

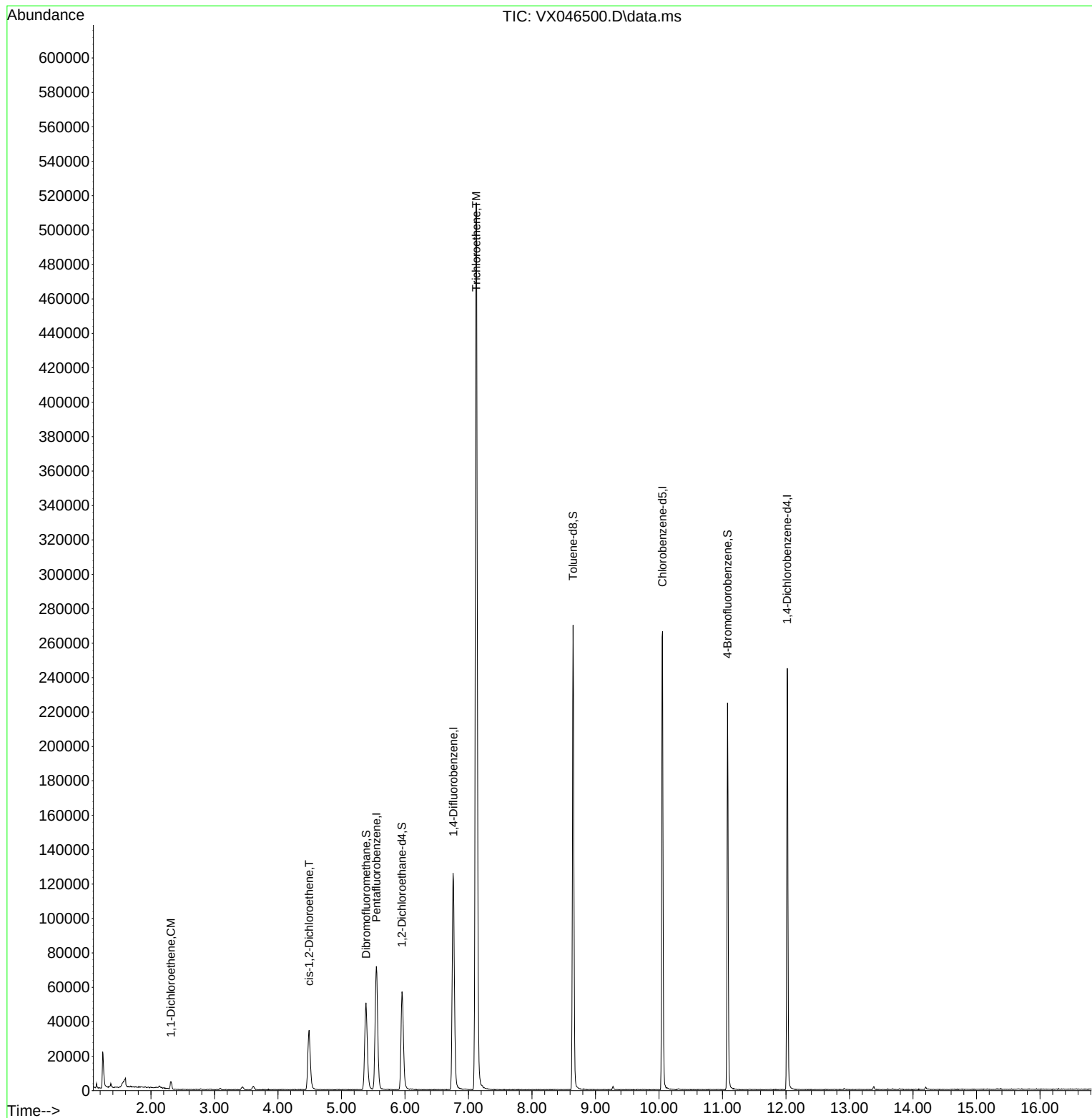
Internal Standards						
1) Pentafluorobenzene	5.550	168	61191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59444	52.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.220%	
35) Dibromofluoromethane	5.385	113	43765	49.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.660%	
50) Toluene-d8	8.647	98	151455	49.819	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	11.079	95	59009	50.602	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.200%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.313	96	1260	1.737	ug/l	# 95
27) cis-1,2-Dichloroethene	4.489	96	20620	23.474	ug/l	89
44) Trichloroethene	7.123	130	188738	226.852	ug/l	96

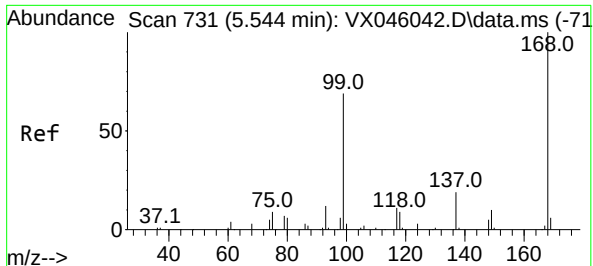
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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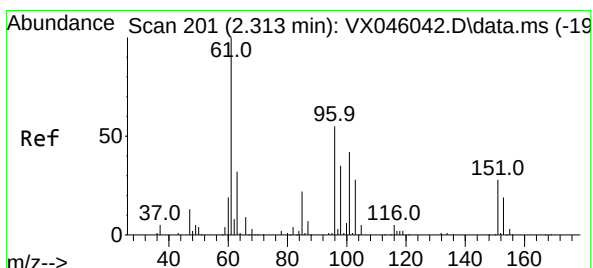
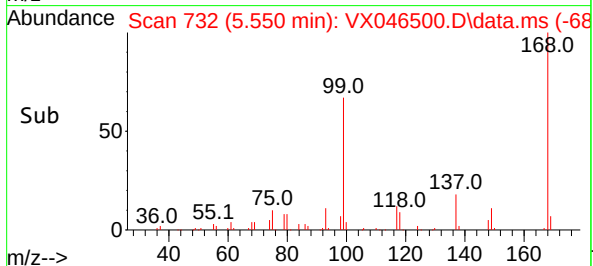
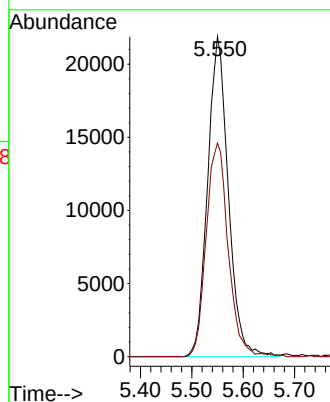
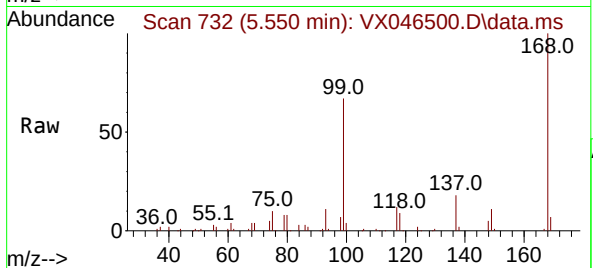




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

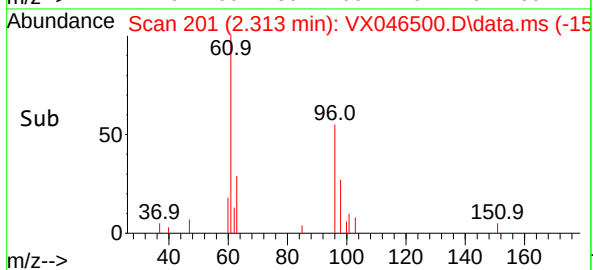
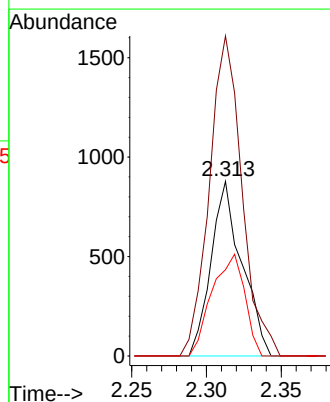
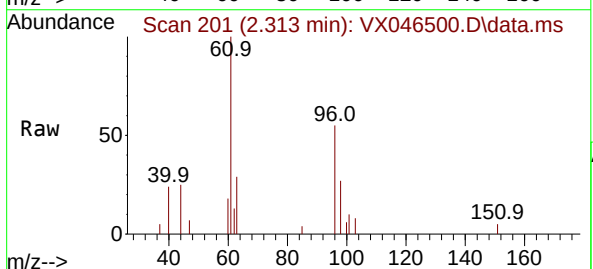
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325

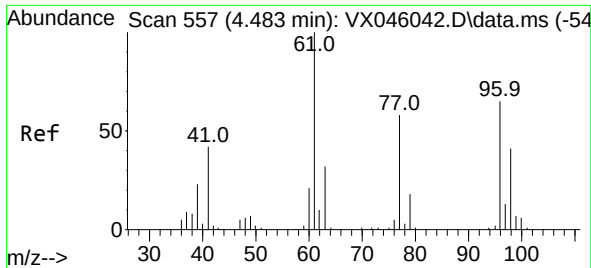
Tgt Ion:168 Resp: 61191
Ion Ratio Lower Upper
168 100
99 66.8 54.9 82.3



#12
1,1-Dichloroethene
Concen: 1.737 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion: 96 Resp: 1260
Ion Ratio Lower Upper
96 100
61 183.3 146.2 219.2
98 49.4 51.0 76.6#





#27

cis-1,2-Dichloroethene

Concen: 23.474 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX046500.D

Acq: 04 Jun 2025 15:02

Instrument :

MSVOA_X

ClientSampleId :

MW-11B-37.5-060325

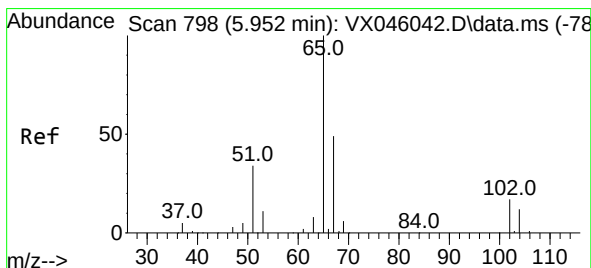
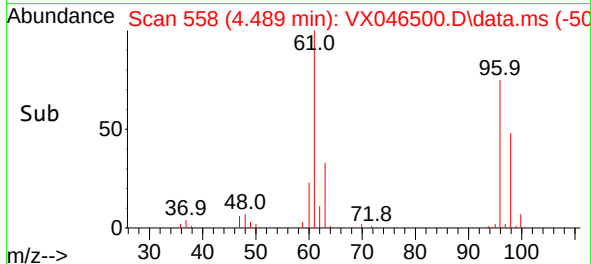
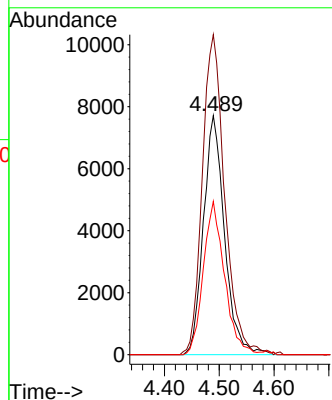
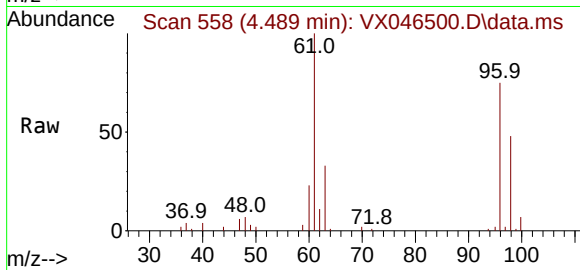
Tgt Ion: 96 Resp: 20620

Ion Ratio Lower Upper

96 100

61 141.8 0.0 322.8

98 64.3 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 52.107 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046500.D

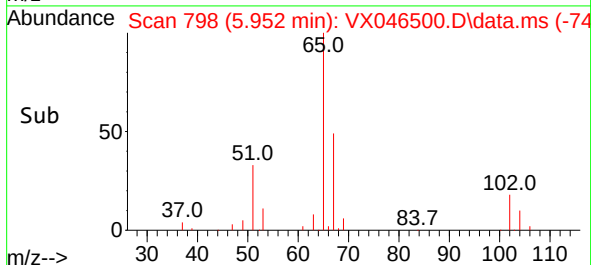
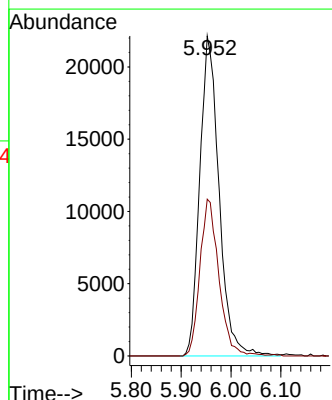
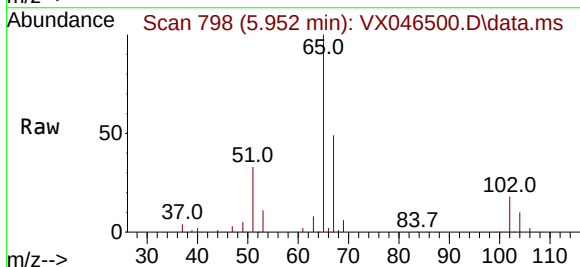
Acq: 04 Jun 2025 15:02

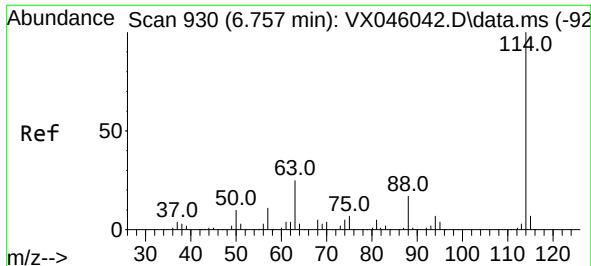
Tgt Ion: 65 Resp: 59444

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0

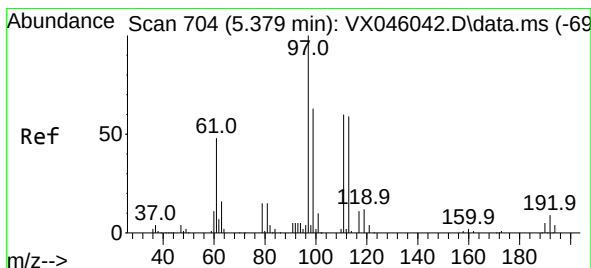
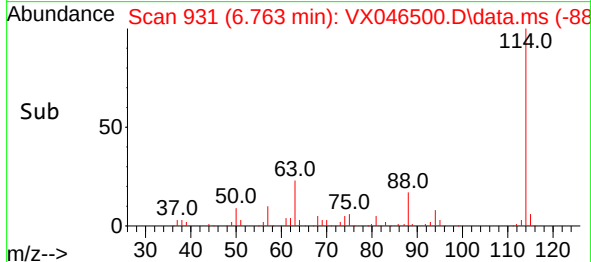
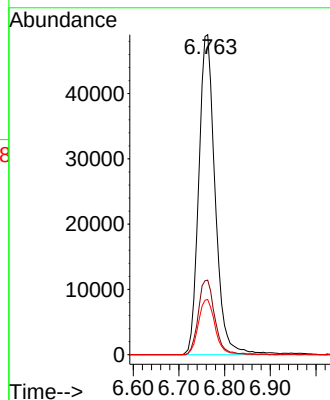
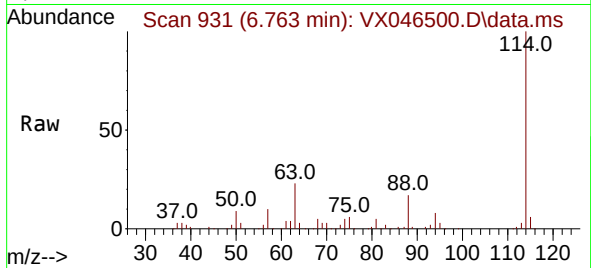




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

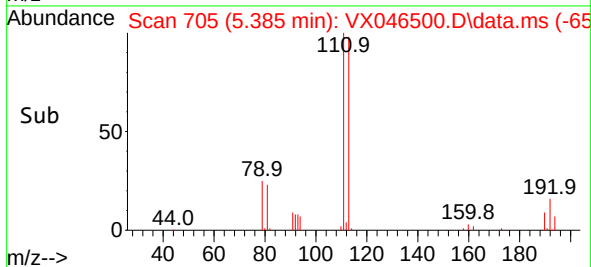
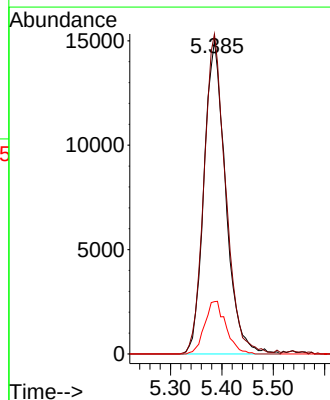
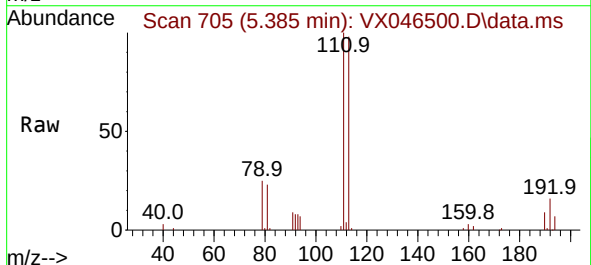
Instrument :
MSVOA_X
ClientSampleId :
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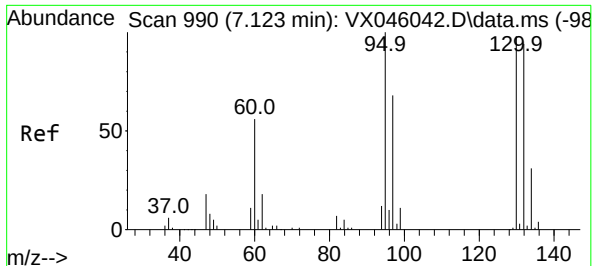
Tgt Ion:114 Resp: 121976
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion:113 Resp: 43765
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 16.6 13.3 19.9

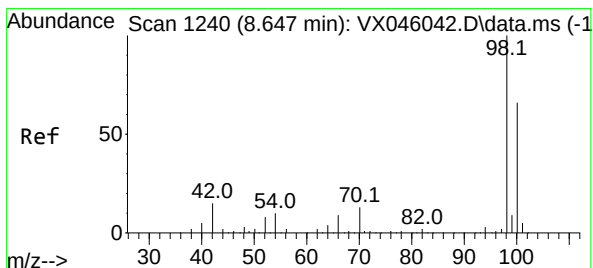
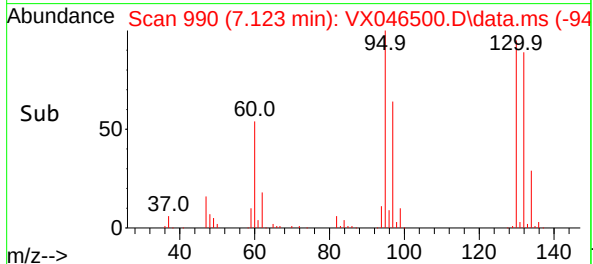
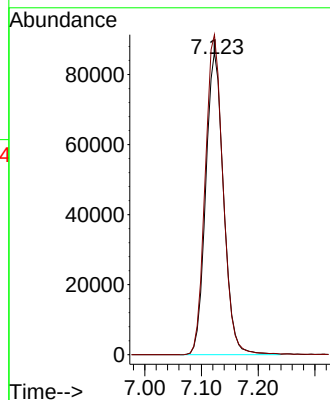
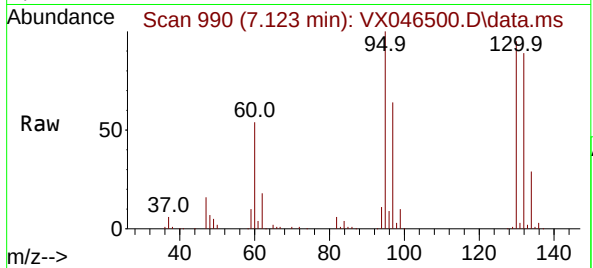




#44
Trichloroethene
Concen: 226.852 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

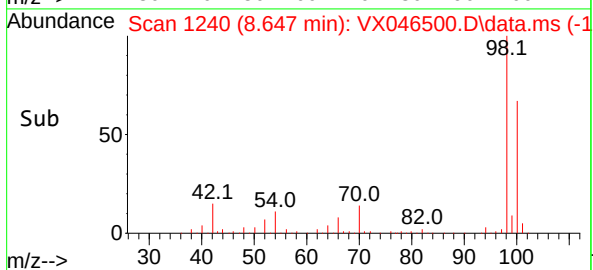
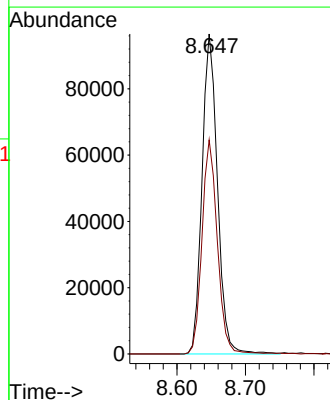
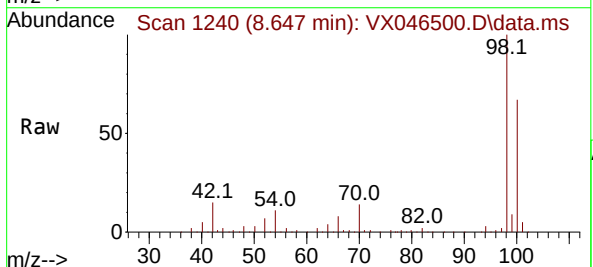
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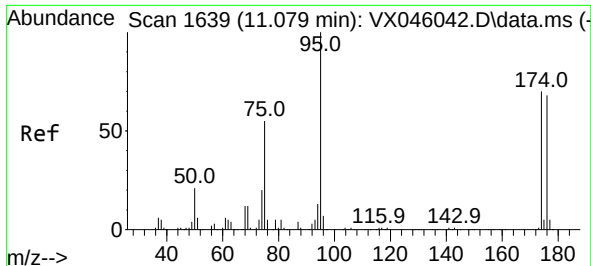
Tgt Ion:130 Resp: 188738
Ion Ratio Lower Upper
130 100
95 105.8 0.0 204.2



#50
Toluene-d8
Concen: 49.819 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Tgt Ion: 98 Resp: 151455
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3

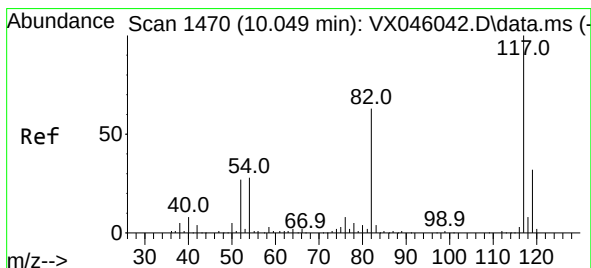
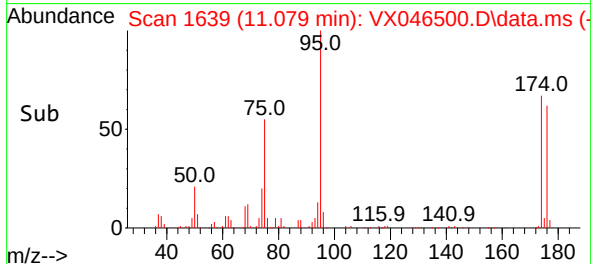
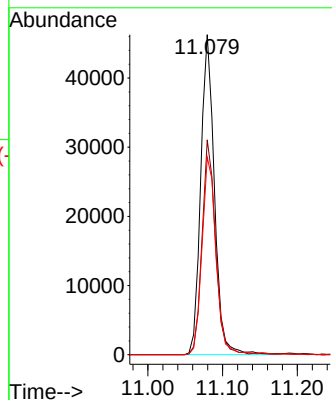
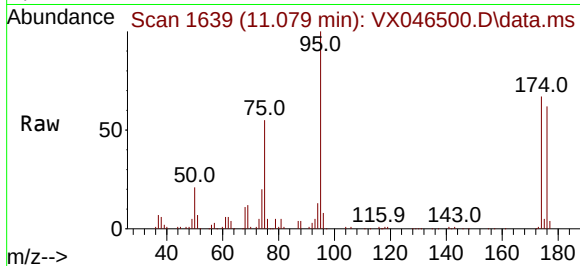




#62
4-Bromofluorobenzene
Concen: 50.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

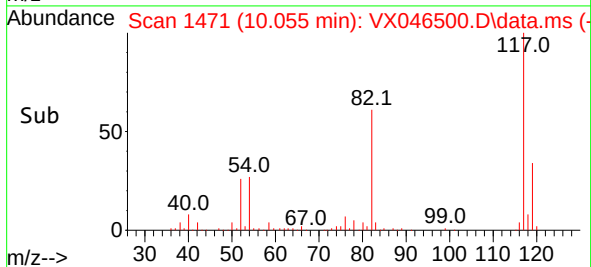
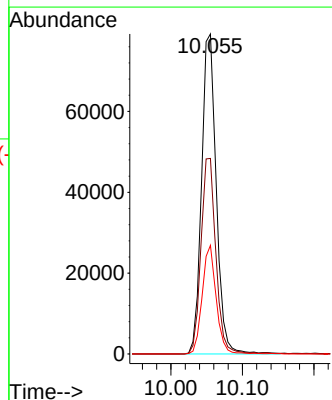
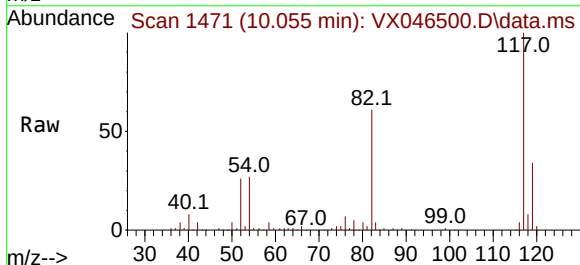
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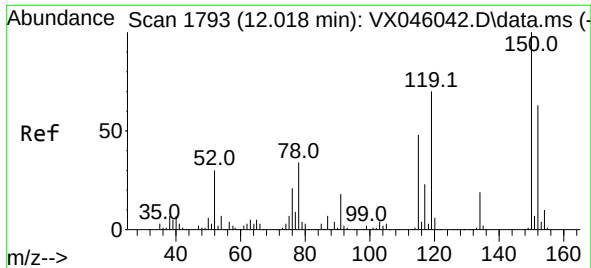
Tgt Ion: 95 Resp: 59009
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 62.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

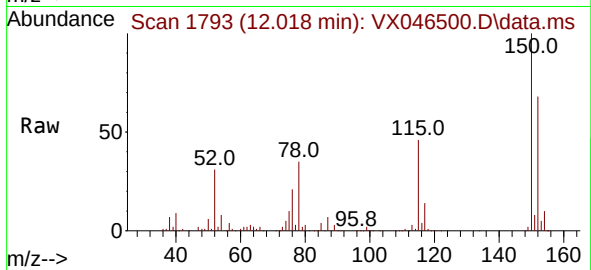
Tgt Ion: 117 Resp: 112952
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 34.0 25.8 38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046500.D
Acq: 04 Jun 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325



Tgt Ion:152 Resp: 47128
Ion Ratio Lower Upper
152 100
115 67.6 46.9 140.7
150 153.4 0.0 351.0

