

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046509.D
 Acq On : 04 Jun 2025 18:36
 Operator : JC/MD
 Sample : Q2200-05DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 05 04:54:00 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)

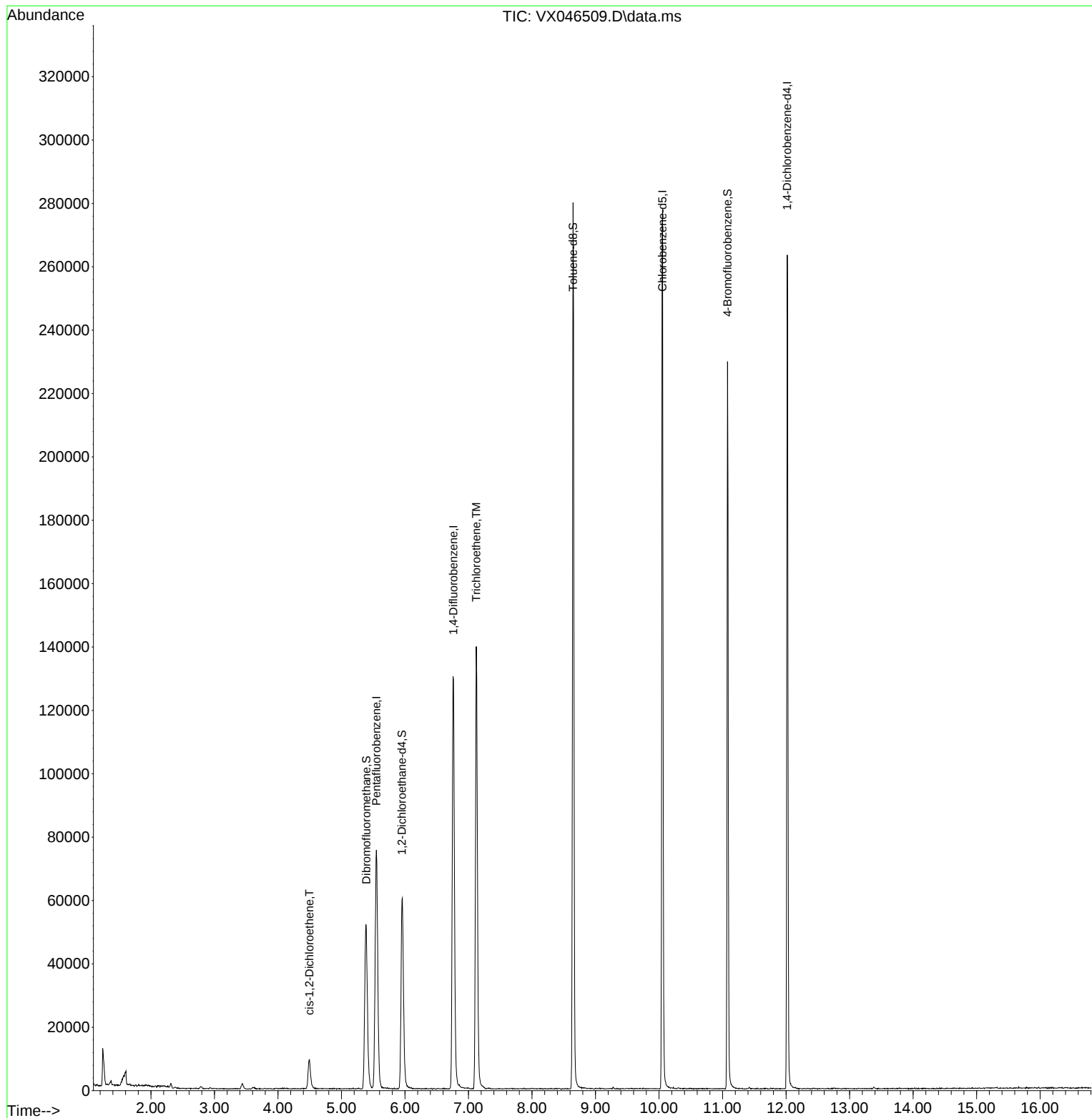
Internal Standards						
1) Pentafluorobenzene	5.550	168	63962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62846	52.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.400%	
35) Dibromofluoromethane	5.391	113	45821	49.932	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.860%	
50) Toluene-d8	8.647	98	157691	49.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	11.079	95	61278	50.297	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.600%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.495	96	5624	6.125	ug/l	90
44) Trichloroethene	7.123	130	48234	55.491	ug/l	94

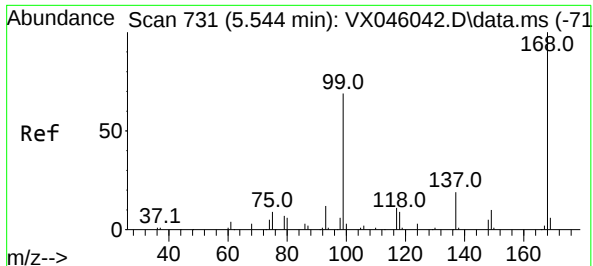
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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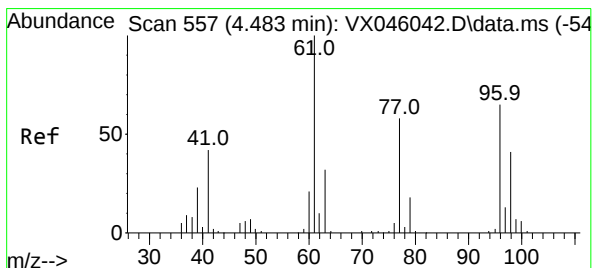
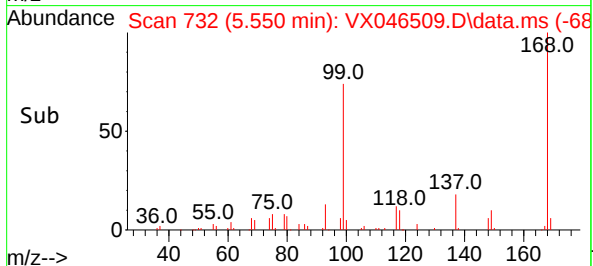
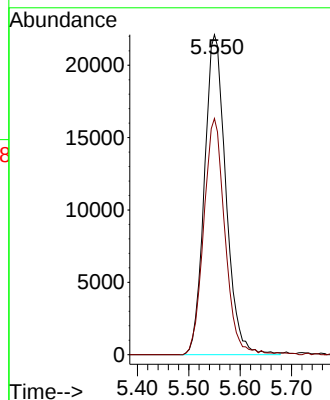
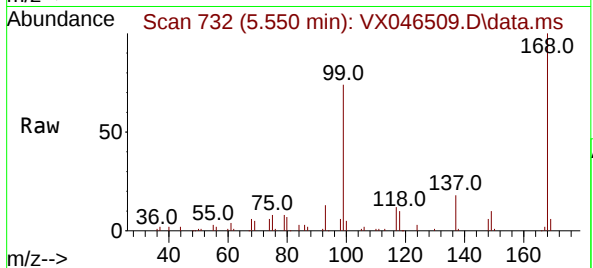




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

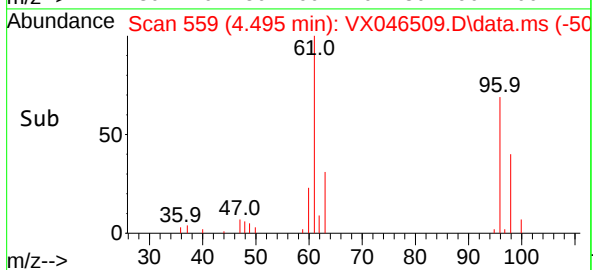
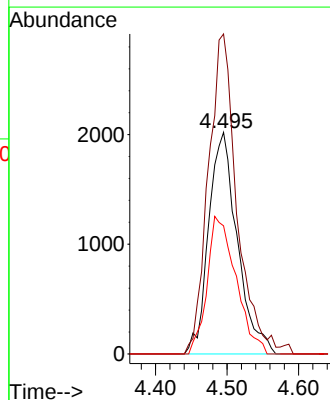
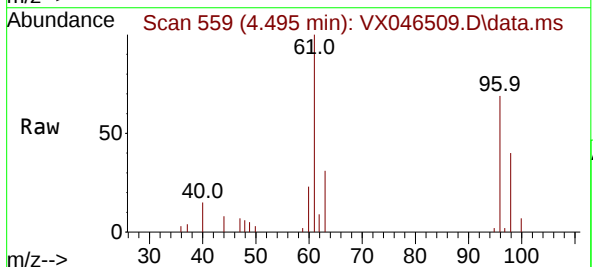
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion:168 Resp: 63962
Ion Ratio Lower Upper
168 100
99 73.8 54.9 82.3



#27
cis-1,2-Dichloroethene
Concen: 6.125 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 96 Resp: 5624
Ion Ratio Lower Upper
96 100
61 143.6 0.0 322.8
98 62.4 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 52.703 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046509.D

Acq: 04 Jun 2025 18:36

Instrument :

MSVOA_X

ClientSampleId :

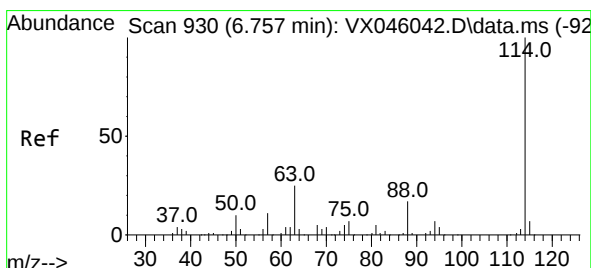
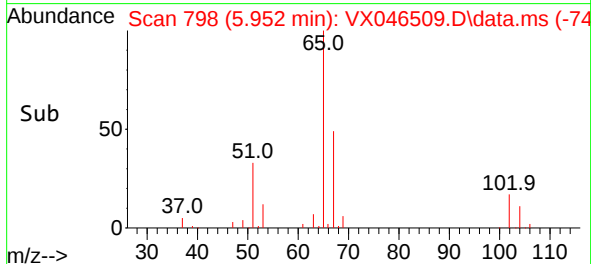
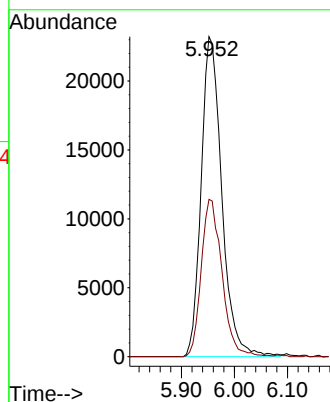
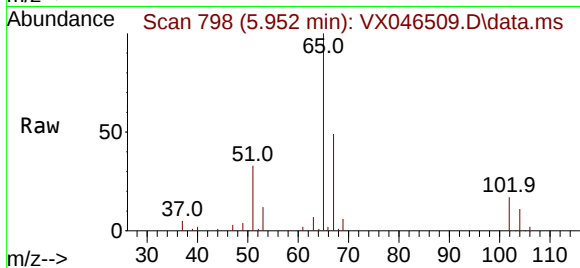
MW-11B-37.5-060325DL

Tgt Ion: 65 Resp: 62846

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX046509.D

Acq: 04 Jun 2025 18:36

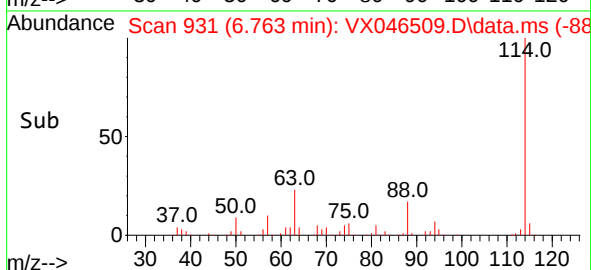
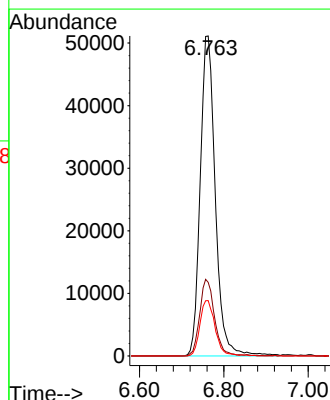
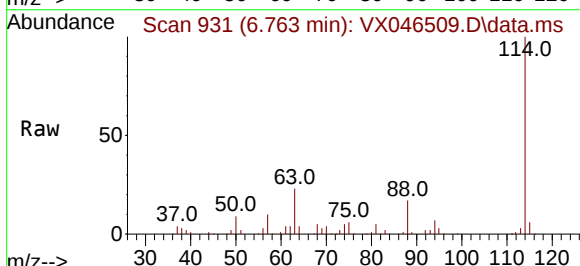
Tgt Ion: 114 Resp: 127435

Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.2

88 17.3 0.0 33.6

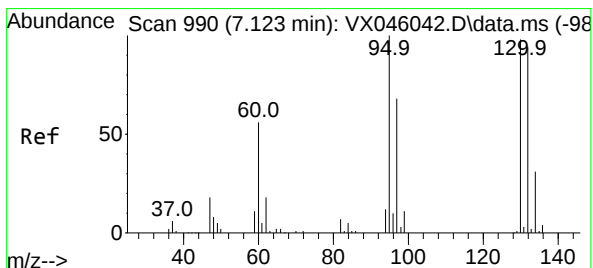
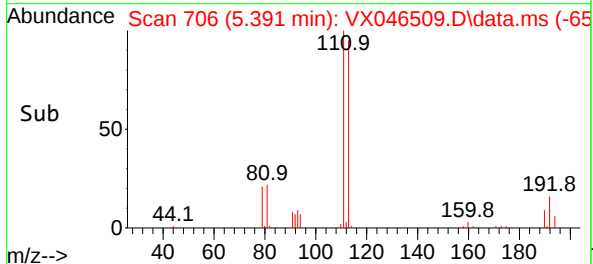
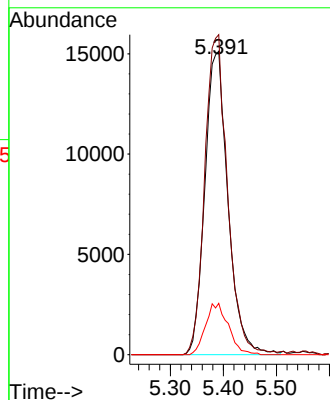
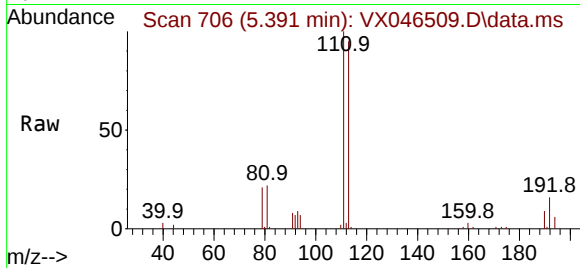




#35
Dibromofluoromethane
Concen: 49.932 ug/l
RT: 5.391 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

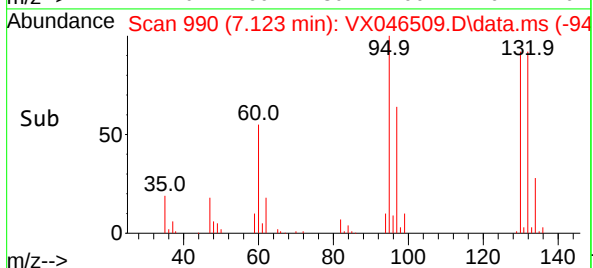
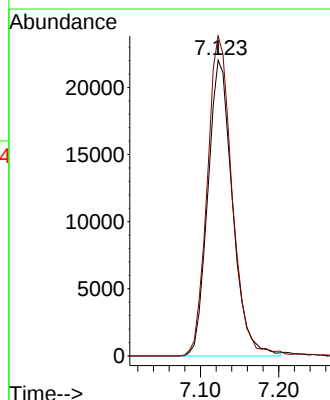
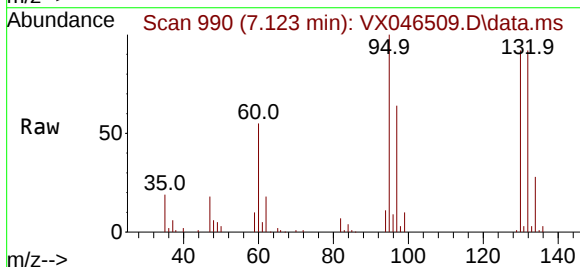
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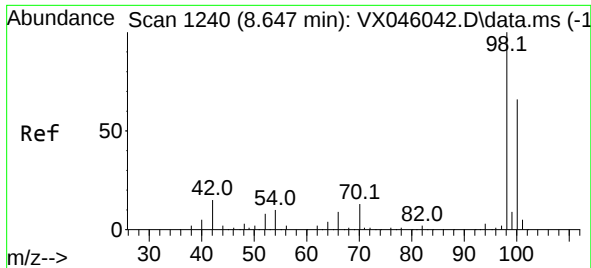
Tgt Ion:113 Resp: 45821
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.8 13.3 19.9



#44
Trichloroethene
Concen: 55.491 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:130 Resp: 48234
Ion Ratio Lower Upper
130 100
95 108.2 0.0 204.2

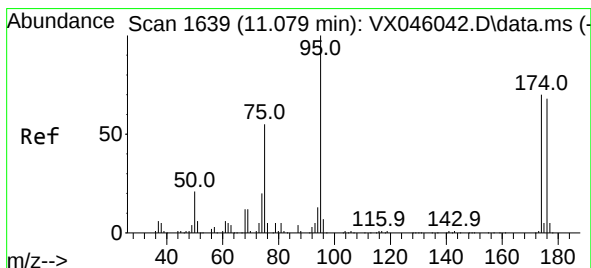
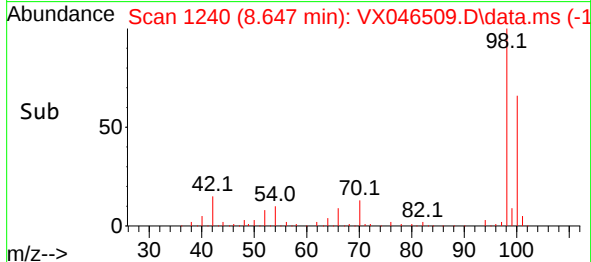
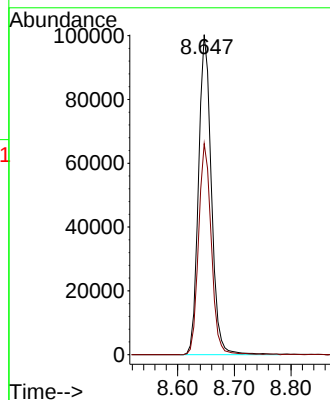
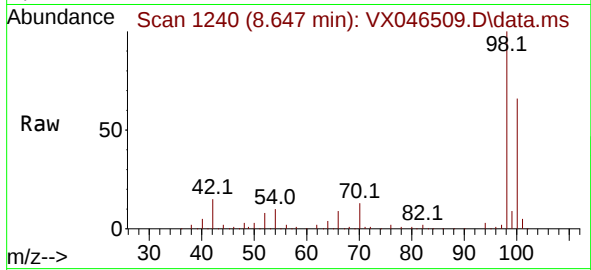




#50
Toluene-d8
Concen: 49.648 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

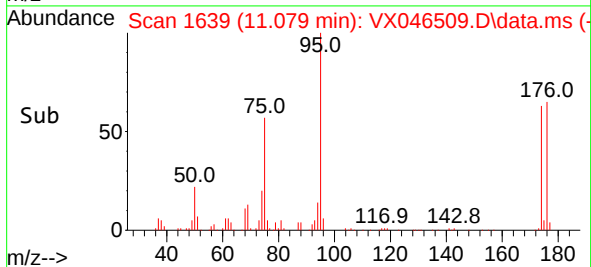
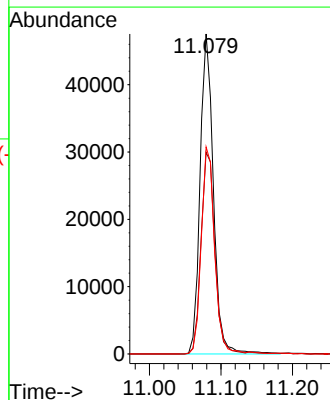
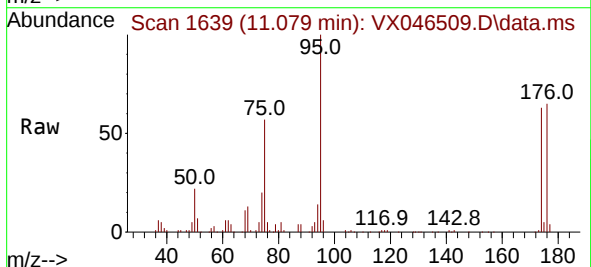
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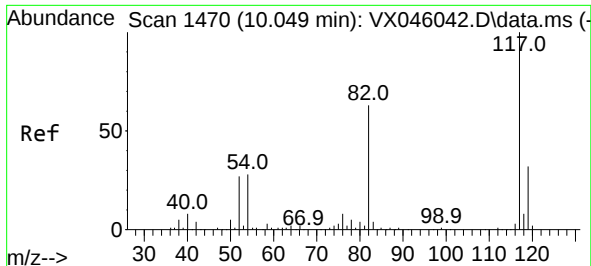
Tgt Ion: 98 Resp: 157691
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 50.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 95 Resp: 61278
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.8
176 65.2 0.0 131.4

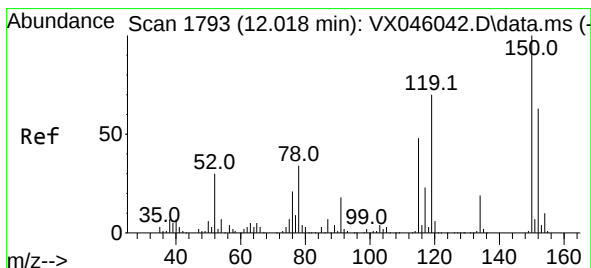
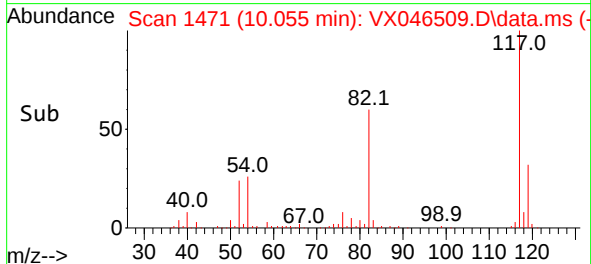
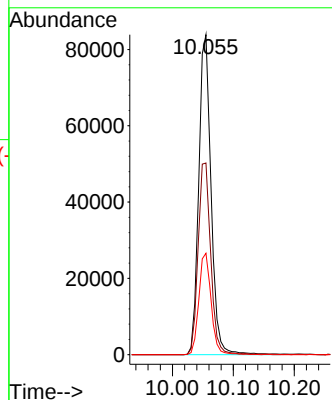
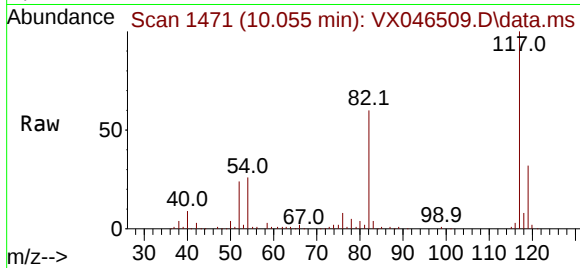




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Instrument :
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Tgt Ion:117 Resp: 117554
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion:152 Resp: 50632
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 156.5 0.0 351.0

