

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046599.D
 Acq On : 10 Jun 2025 13:55
 Operator : JC/MD
 Sample : Q2234-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17B-55-060425DL

Quant Time: Jun 11 01:47:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

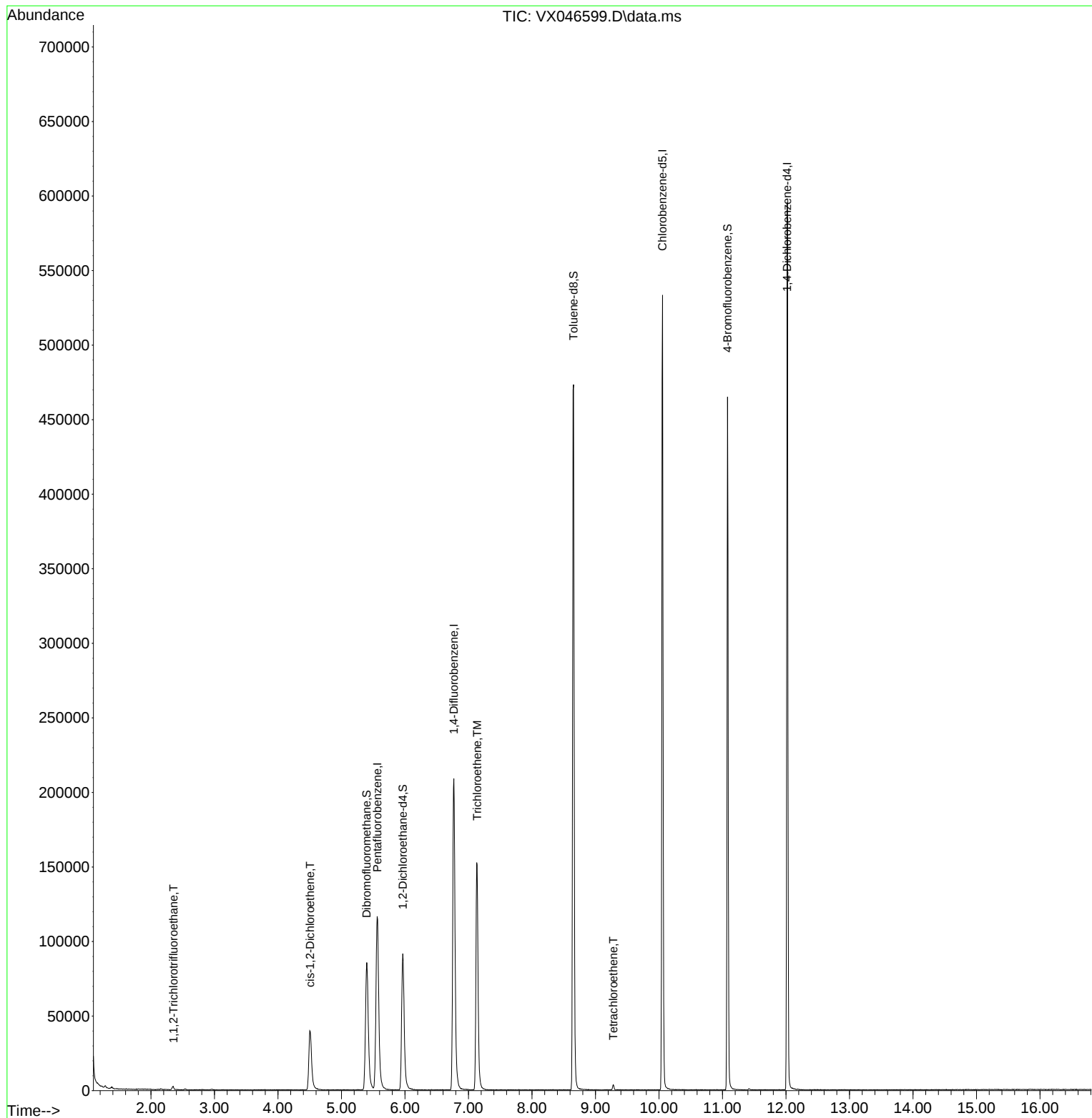
Internal Standards						
1) Pentafluorobenzene	5.562	168	110214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98868	50.422	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.840%		
35) Dibromofluoromethane	5.397	113	80756	50.222	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.440%		
50) Toluene-d8	8.653	98	288466	54.414	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.820%		
62) 4-Bromofluorobenzene	11.079	95	120075	54.744	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 109.480%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.355	101	976	0.674	ug/l	Qvalue 93
27) cis-1,2-Dichloroethene	4.507	96	27823	16.322	ug/l	86
44) Trichloroethene	7.135	130	61302	37.312	ug/l	98
64) Tetrachloroethene	9.281	164	662	0.442	ug/l #	79

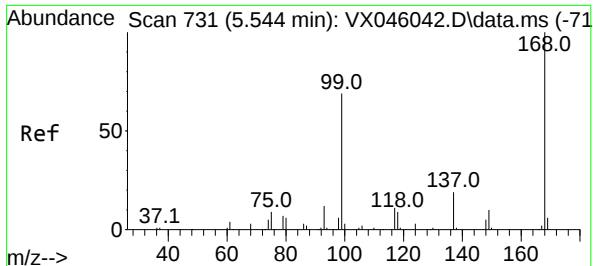
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
MW-17B-55-060425DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
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QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

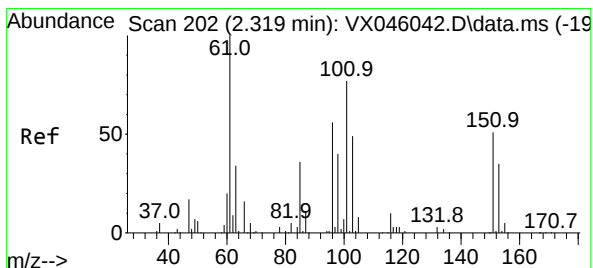
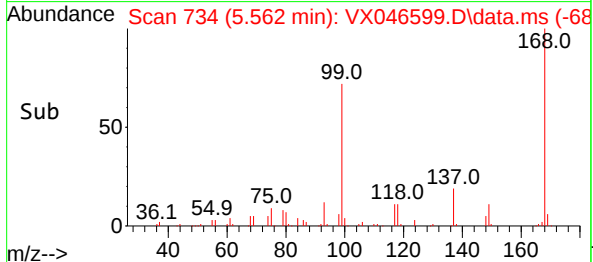
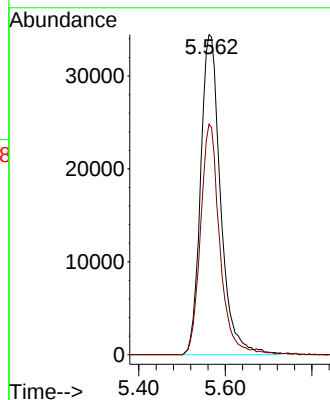
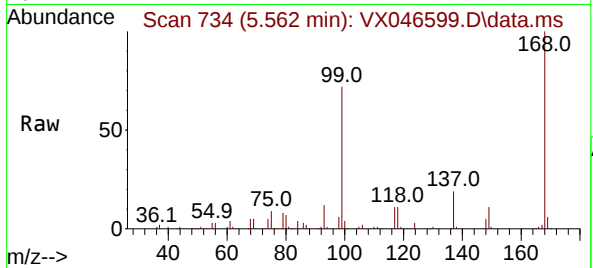




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

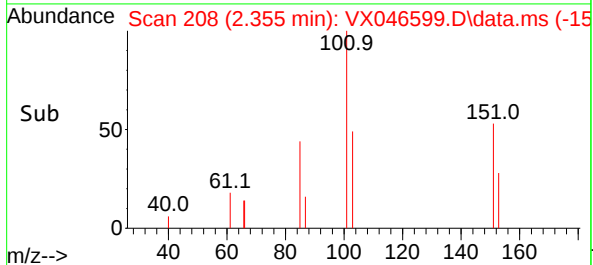
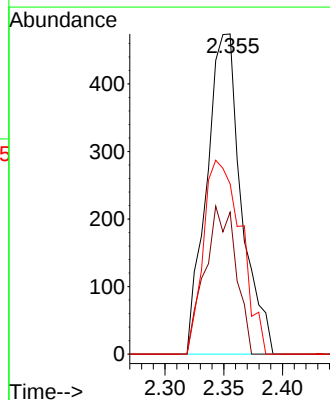
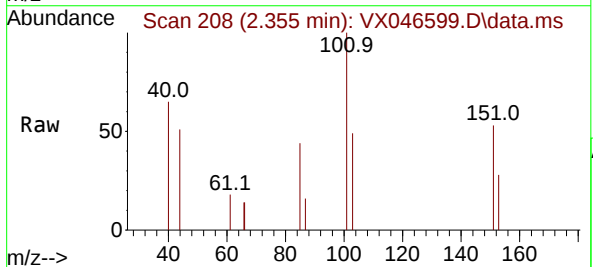
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

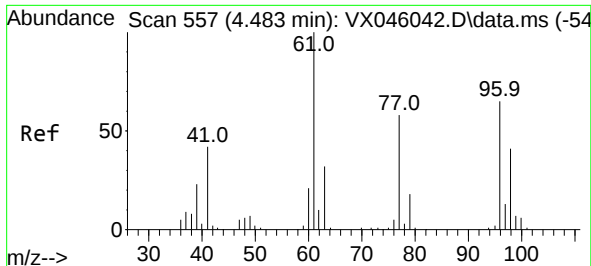
Tgt Ion:168 Resp: 110214
Ion Ratio Lower Upper
168 100
99 72.0 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.674 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:101 Resp: 976
Ion Ratio Lower Upper
101 100
85 41.3 38.6 58.0
151 65.7 55.2 82.8





#27

cis-1,2-Dichloroethene

Concen: 16.322 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX046599.D

Acq: 10 Jun 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

MW-17B-55-060425DL

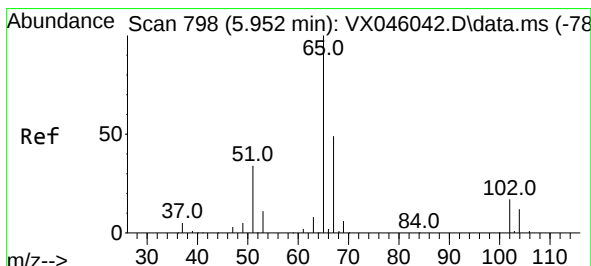
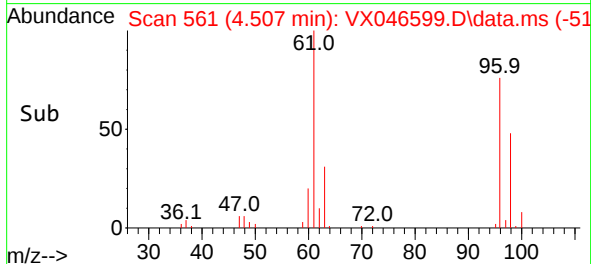
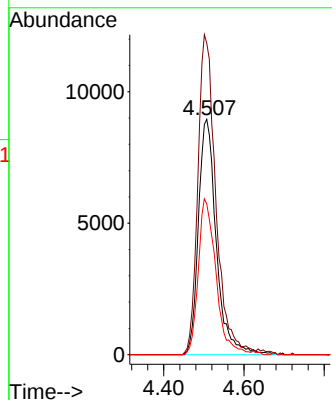
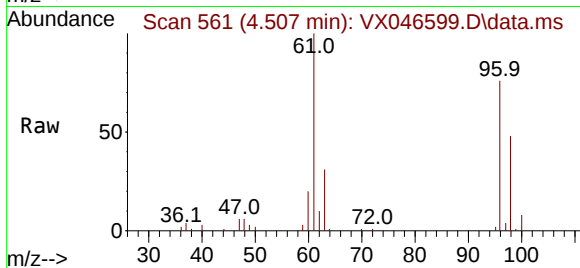
Tgt Ion: 96 Resp: 27823

Ion Ratio Lower Upper

96 100

61 136.5 0.0 322.8

98 65.1 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 50.422 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.006 min

Lab File: VX046599.D

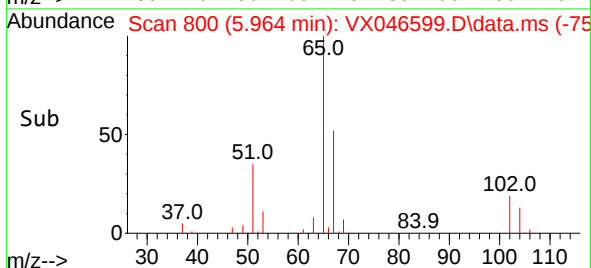
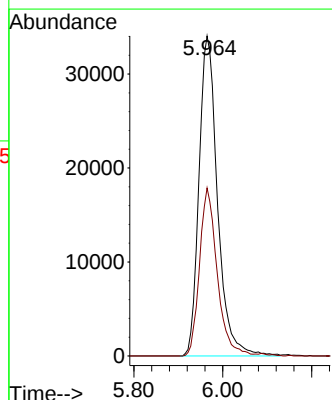
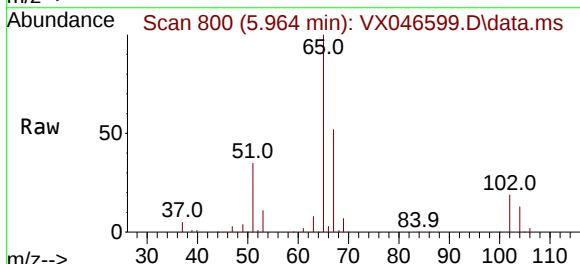
Acq: 10 Jun 2025 13:55

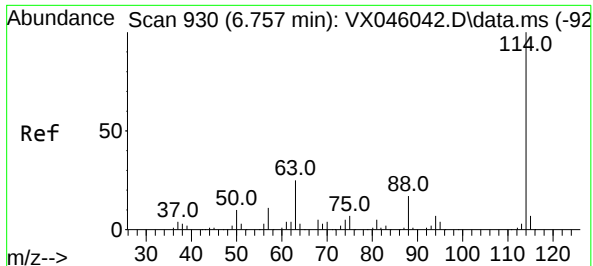
Tgt Ion: 65 Resp: 98868

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0

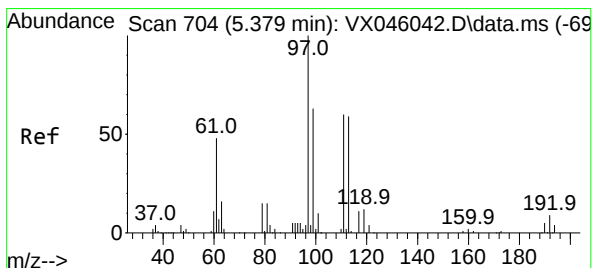
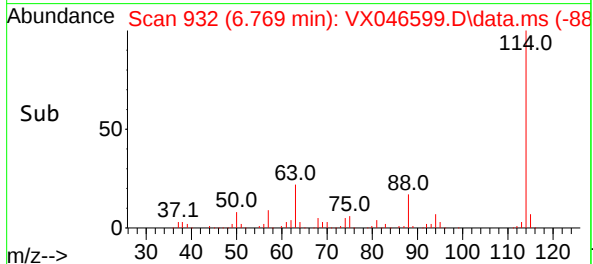
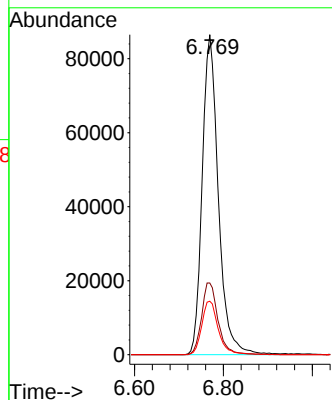
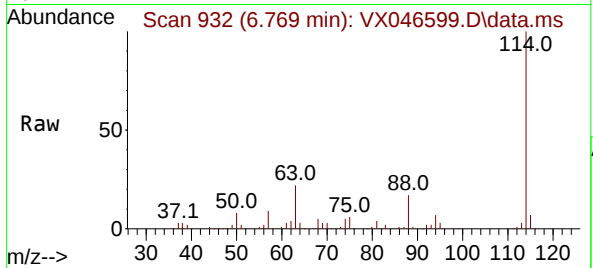




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

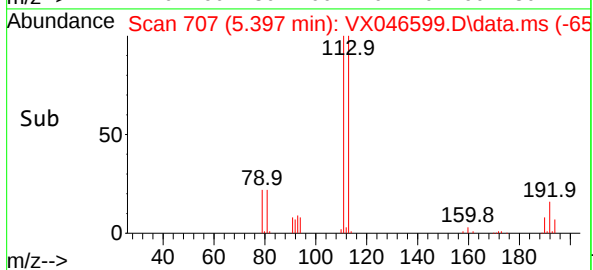
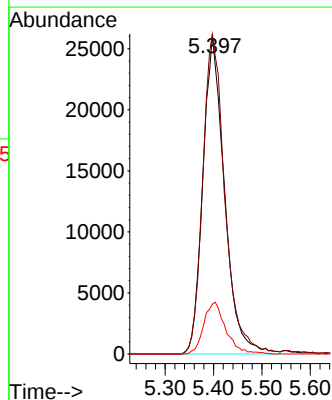
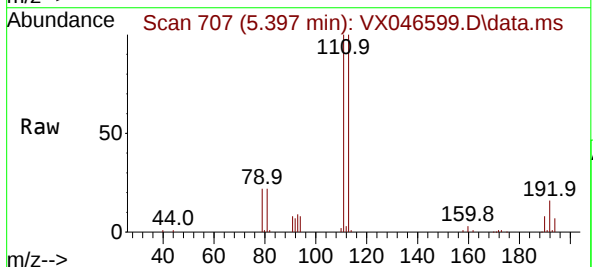
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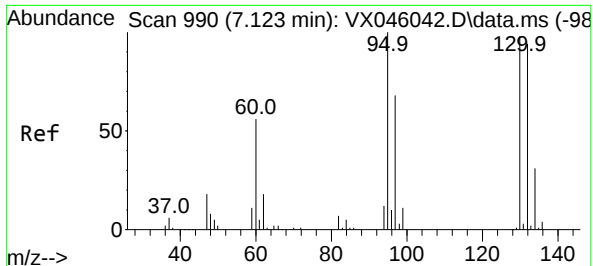
Tgt Ion:114 Resp: 218656
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.222 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:113 Resp: 80756
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.6 13.3 19.9

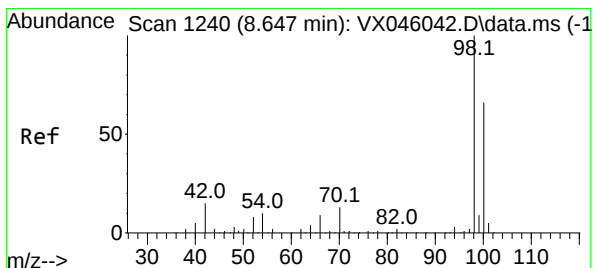
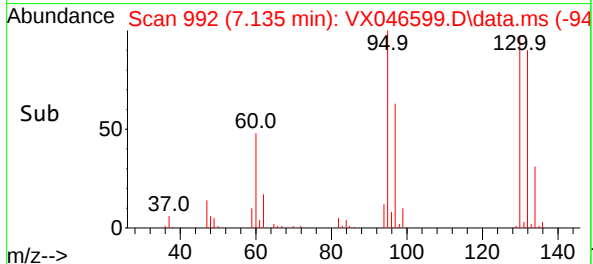
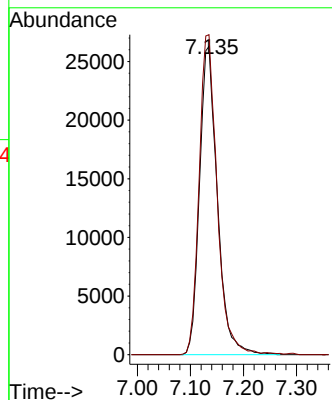
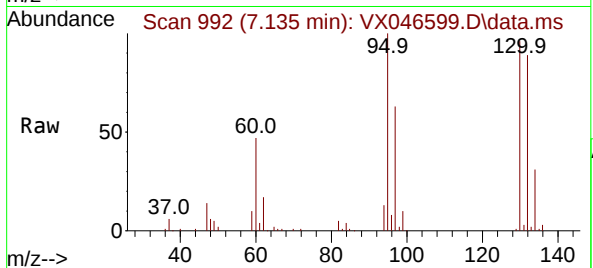




#44
Trichloroethene
Concen: 37.312 ug/l
RT: 7.135 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

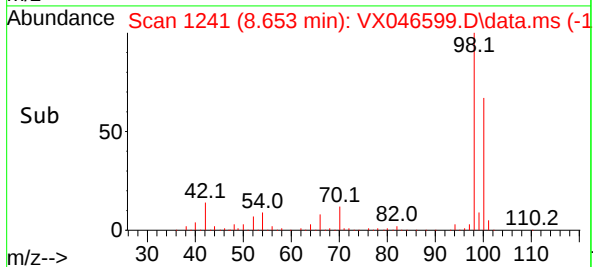
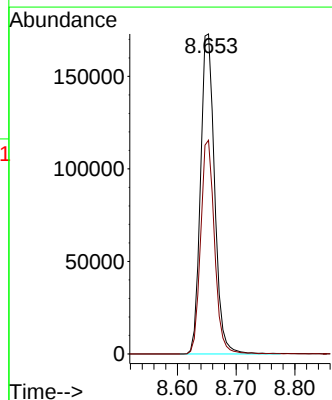
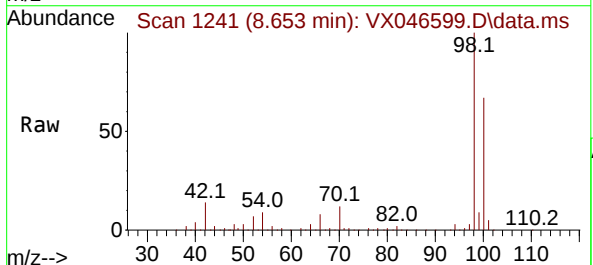
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

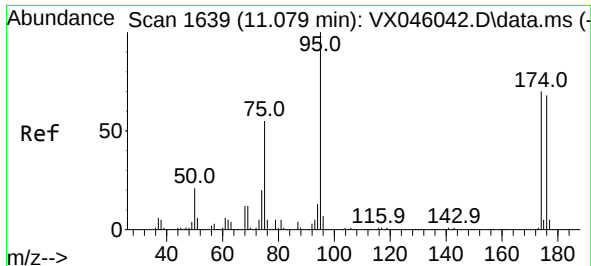
Tgt Ion:130 Resp: 61302
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.2



#50
Toluene-d8
Concen: 54.414 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 98 Resp: 288466
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 54.744 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046599.D

Acq: 10 Jun 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

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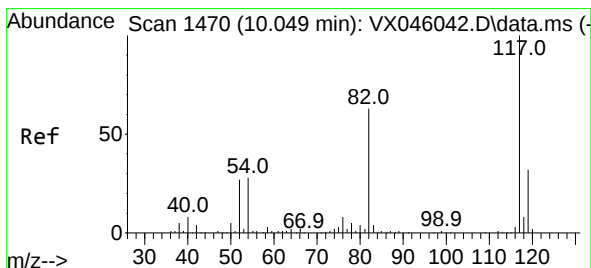
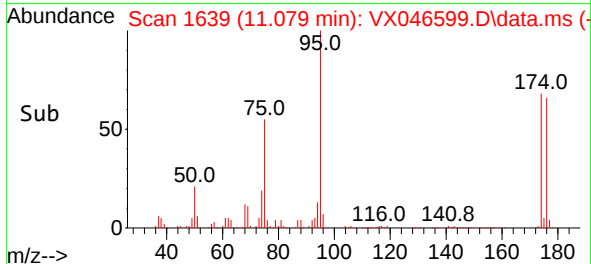
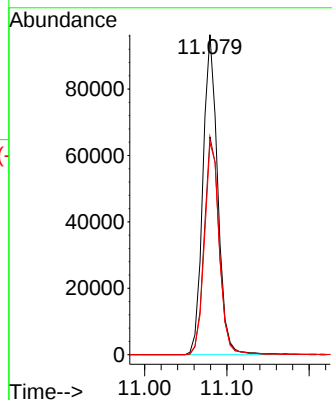
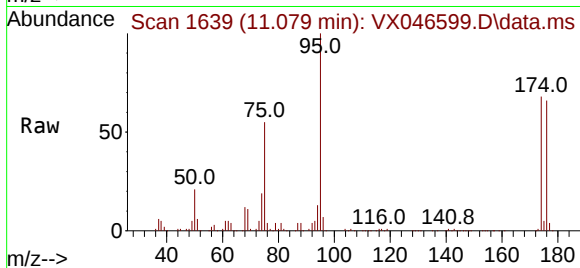
Tgt Ion: 95 Resp: 120075

Ion Ratio Lower Upper

95 100

174 68.5 0.0 135.8

176 66.9 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046599.D

Acq: 10 Jun 2025 13:55

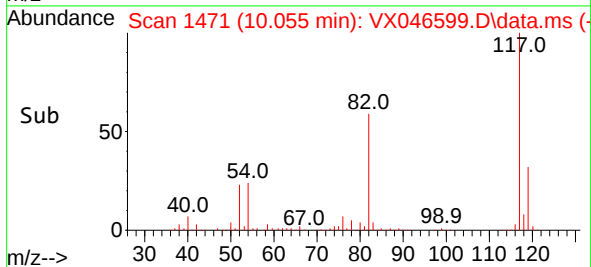
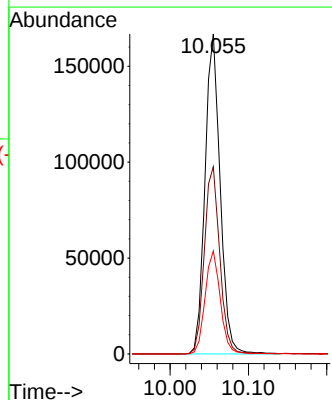
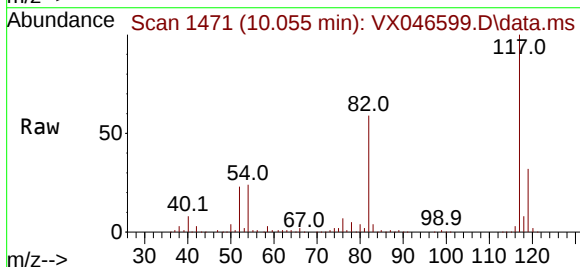
Tgt Ion: 117 Resp: 224113

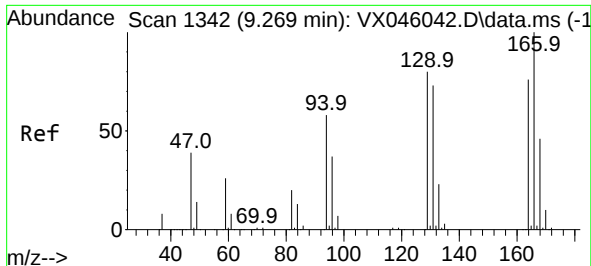
Ion Ratio Lower Upper

117 100

82 58.5 50.6 76.0

119 32.2 25.8 38.6

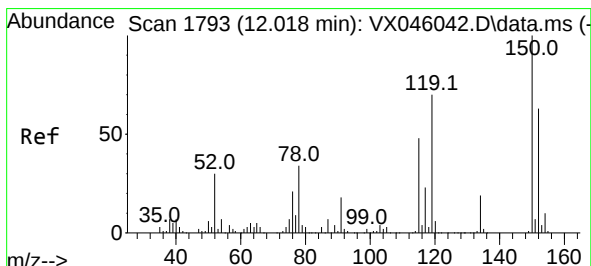
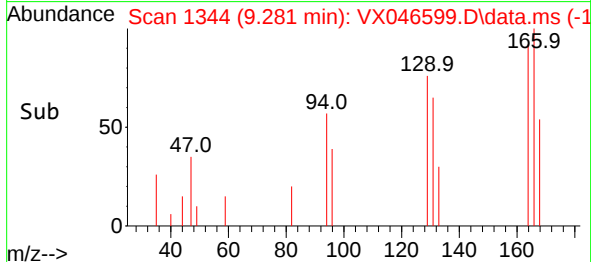
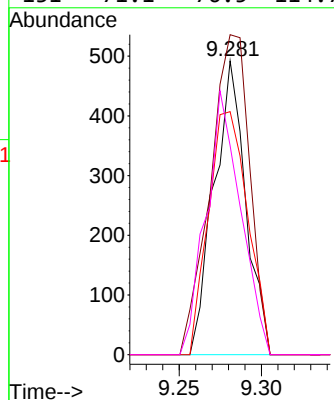
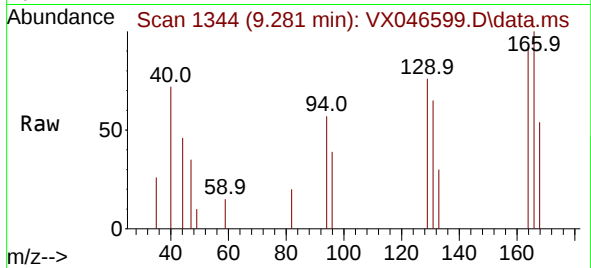




#64
Tetrachloroethene
Concen: 0.442 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
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MW-17B-55-060425DL

Tgt Ion:164 Resp: 662
Ion Ratio Lower Upper
164 100
166 108.9 105.0 157.6
129 82.7 83.5 125.3#
131 71.1 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:152 Resp: 112148
Ion Ratio Lower Upper
152 100
115 64.2 46.9 140.7
150 157.5 0.0 351.0

