

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046644.D
 Acq On : 11 Jun 2025 17:53
 Operator : JC/MD
 Sample : Q2249-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-060525

Quant Time: Jun 12 02:34:39 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)

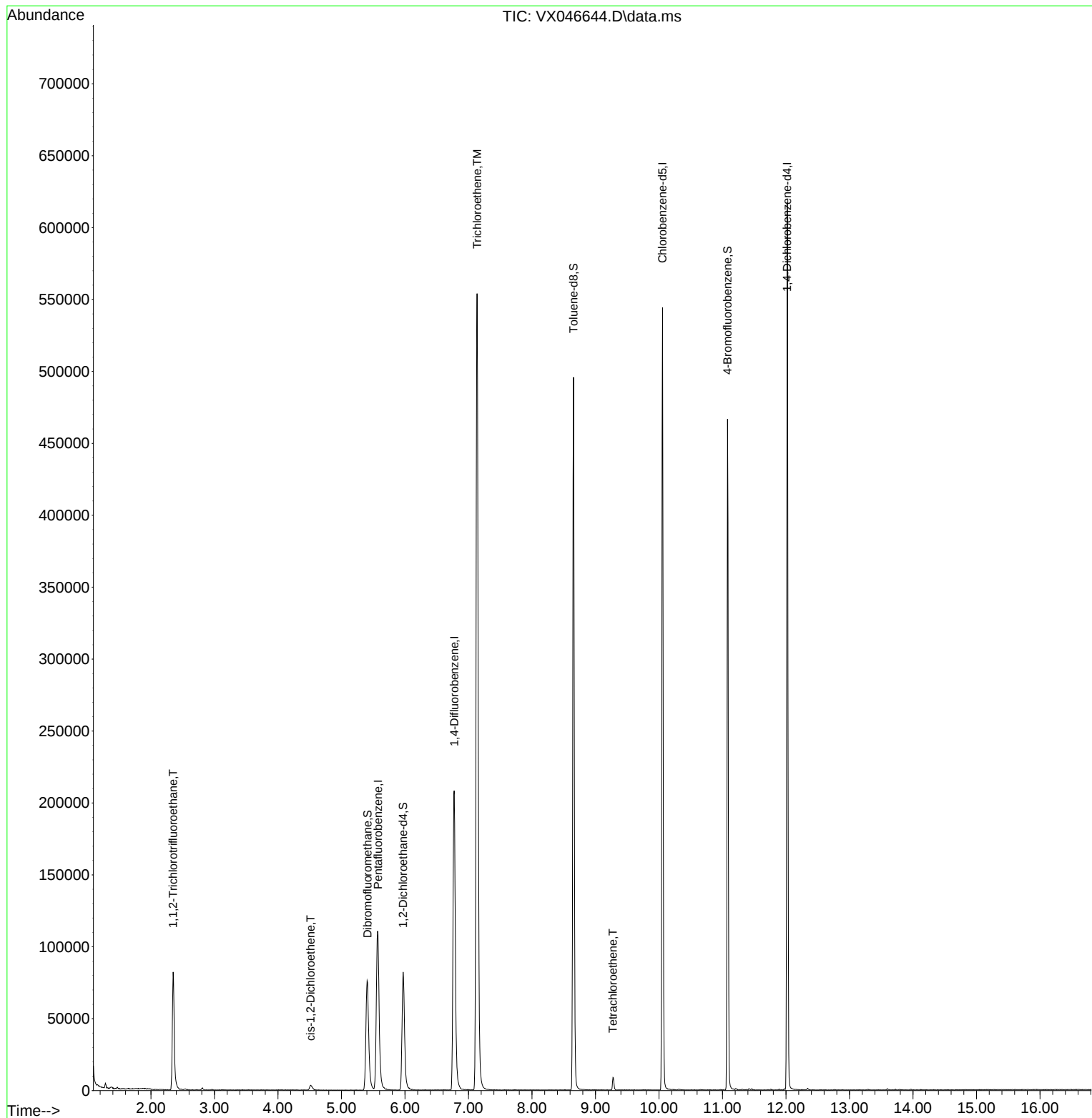
Internal Standards						
1) Pentafluorobenzene	5.574	168	113972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	227958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	124632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	86239	42.531	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.060%		
35) Dibromofluoromethane	5.410	113	71170	42.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.900%		
50) Toluene-d8	8.653	98	295147	53.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.800%		
62) 4-Bromofluorobenzene	11.079	95	126952	55.517	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.040%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.349	101	37948	25.356	ug/l	91
27) cis-1,2-Dichloroethene	4.513	96	2501	1.419	ug/l	84
44) Trichloroethene	7.135	130	227940	133.077	ug/l	98
64) Tetrachloroethene	9.275	164	1879	1.185	ug/l	88

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

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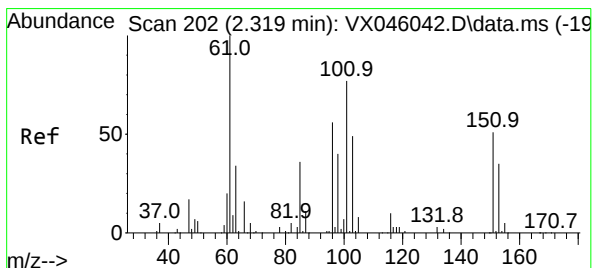
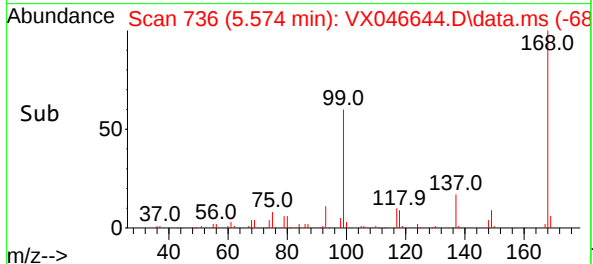
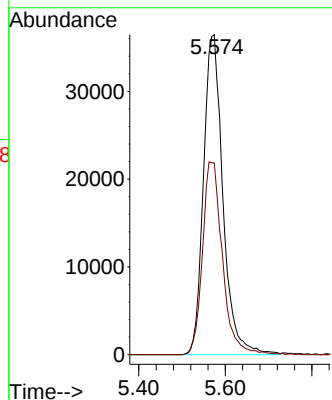
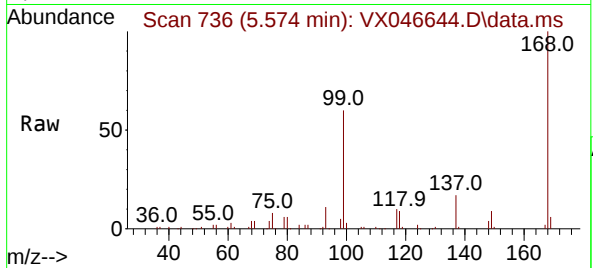




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

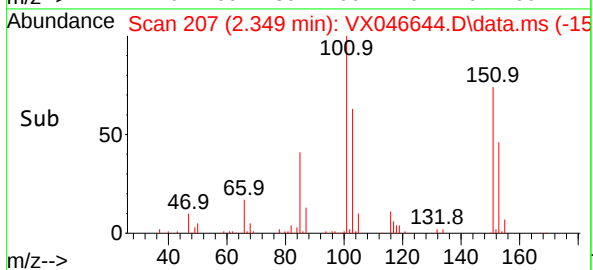
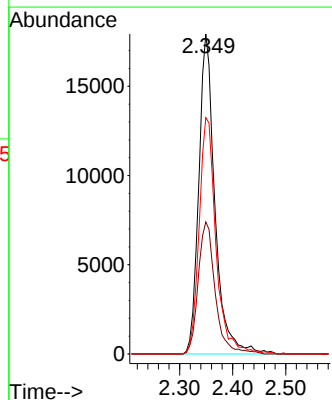
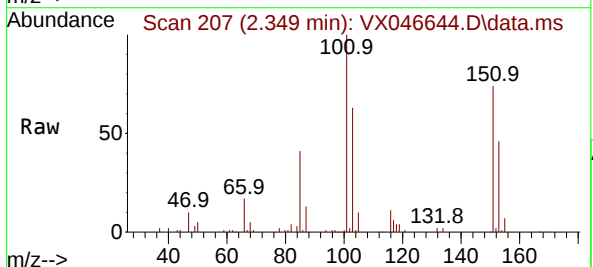
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

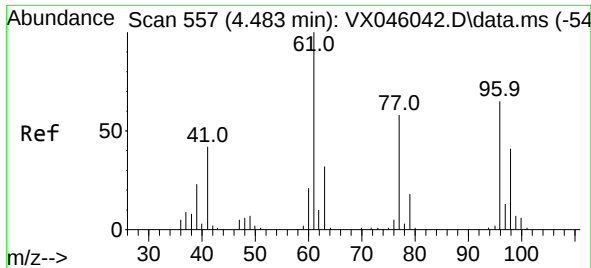
Tgt Ion:168 Resp: 113972
Ion Ratio Lower Upper
168 100
99 60.0 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.356 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

Tgt Ion:101 Resp: 37948
Ion Ratio Lower Upper
101 100
85 43.4 38.6 58.0
151 77.3 55.2 82.8





#27

cis-1,2-Dichloroethene

Concen: 1.419 ug/l

RT: 4.513 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX046644.D

Acq: 11 Jun 2025 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-060525

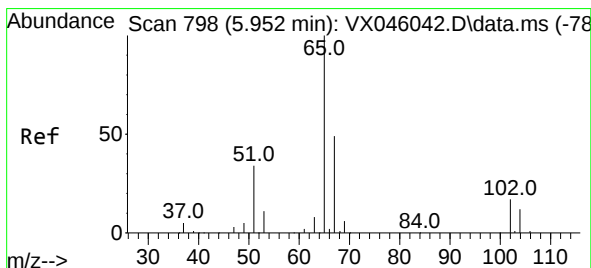
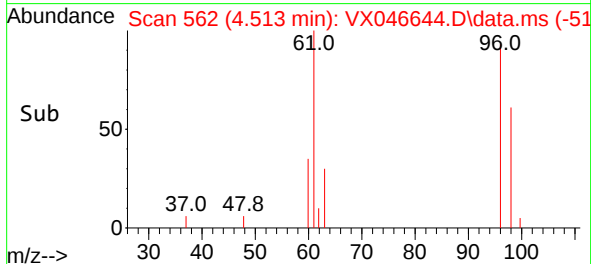
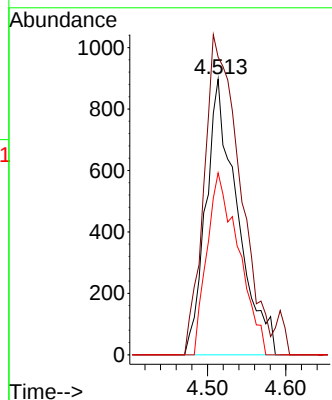
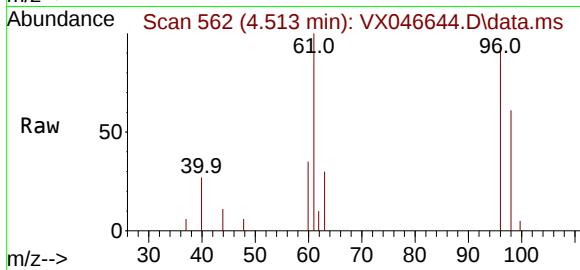
Tgt Ion: 96 Resp: 2501

Ion Ratio Lower Upper

96 100

61 132.1 0.0 322.8

98 66.5 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 42.531 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.001 min

Lab File: VX046644.D

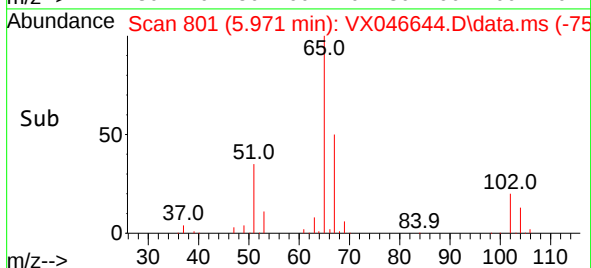
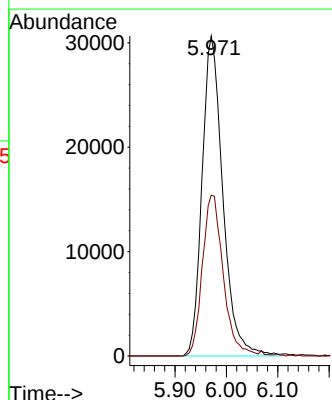
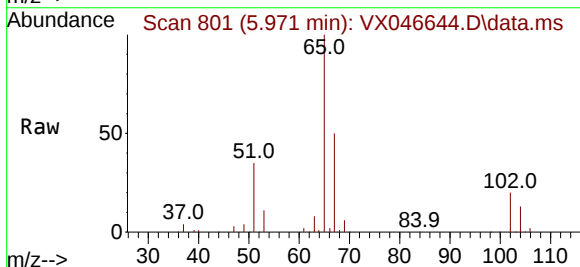
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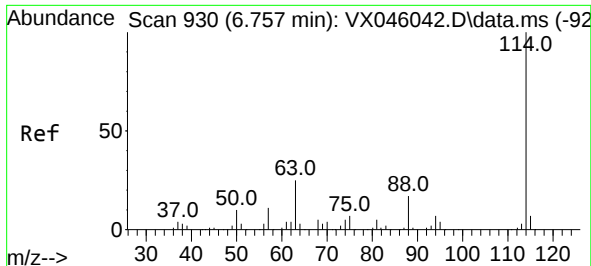
Tgt Ion: 65 Resp: 86239

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.0

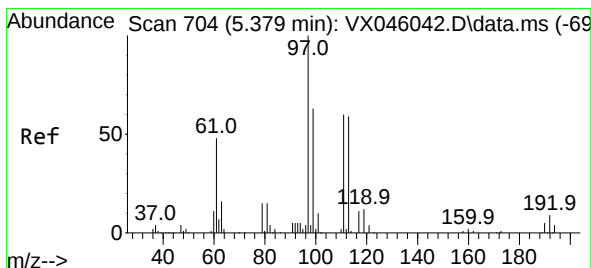
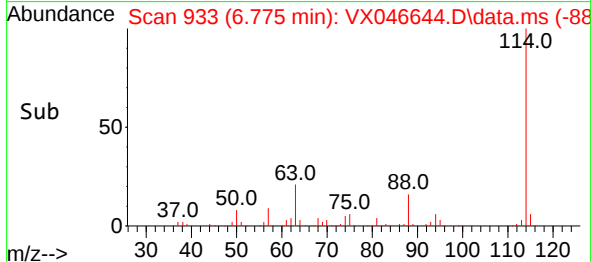
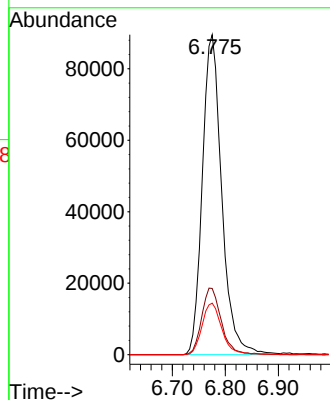
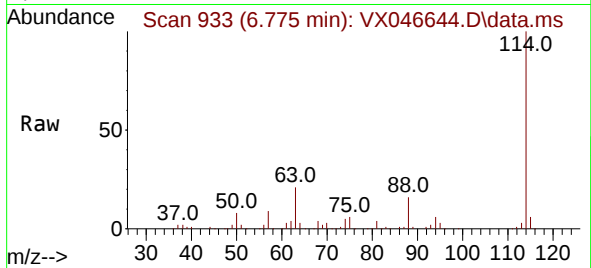




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

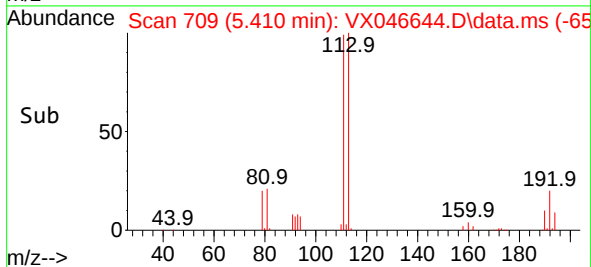
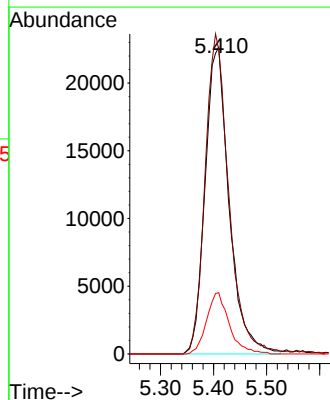
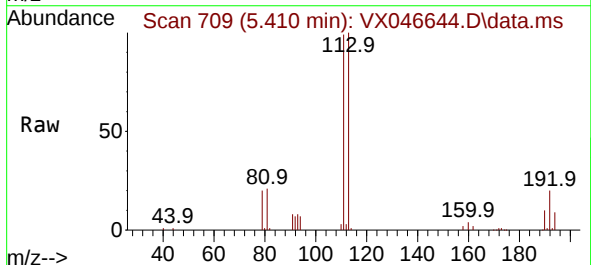
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

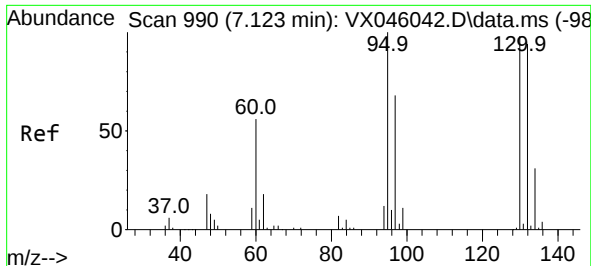
Tgt Ion:114 Resp: 227958
Ion Ratio Lower Upper
114 100
63 20.7 0.0 49.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 42.454 ug/l
RT: 5.410 min Scan# 709
Delta R.T. 0.007 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

Tgt Ion:113 Resp: 71170
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 18.9 13.3 19.9

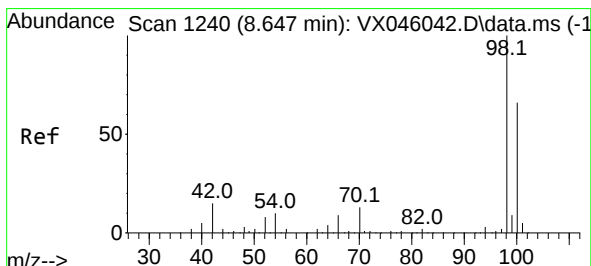
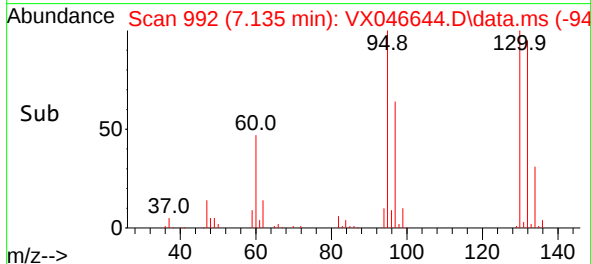
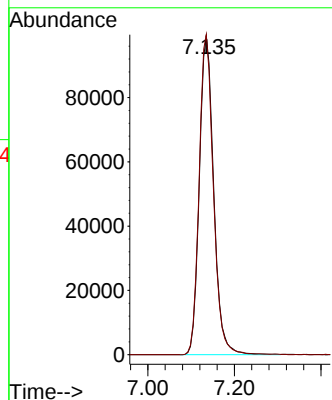
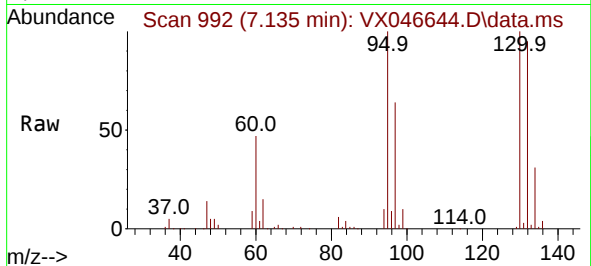




#44
Trichloroethene
Concen: 133.077 ug/l
RT: 7.135 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

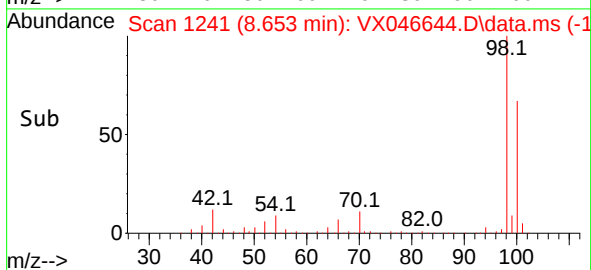
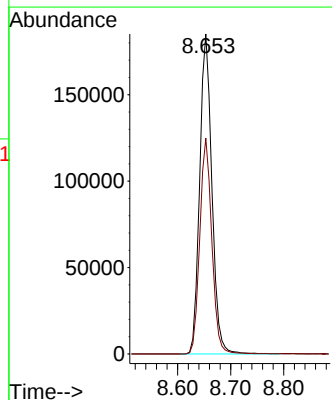
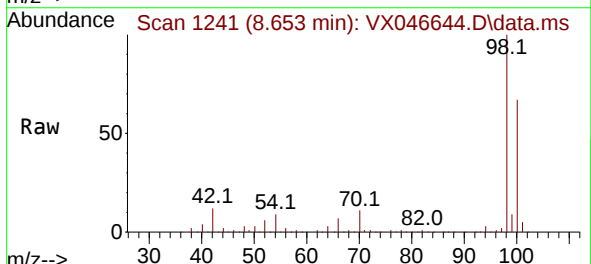
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

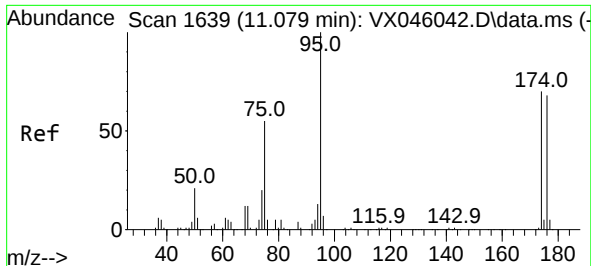
Tgt Ion:130 Resp: 227940
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.2



#50
Toluene-d8
Concen: 53.402 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

Tgt Ion: 98 Resp: 295147
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3

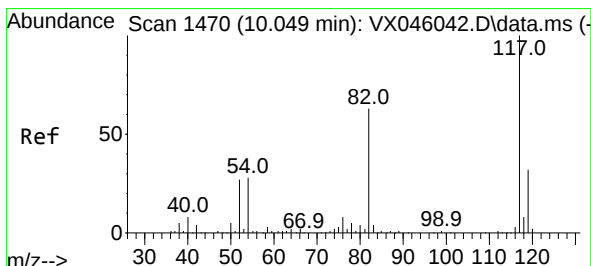
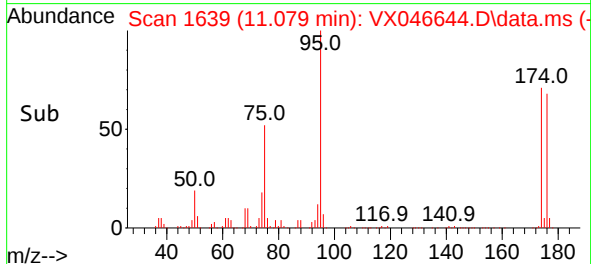
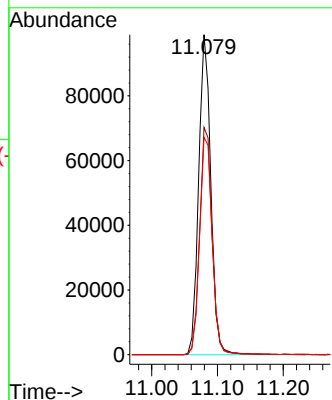
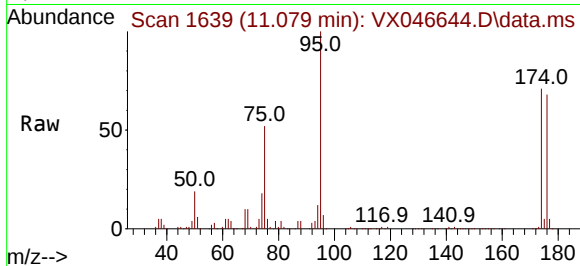




#62
4-Bromofluorobenzene
Concen: 55.517 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

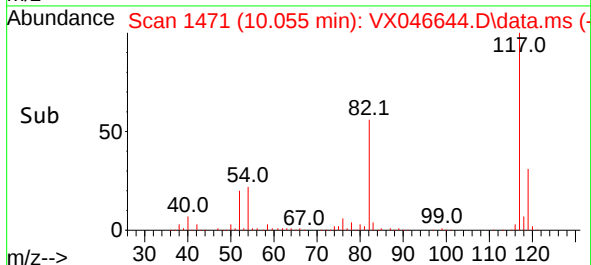
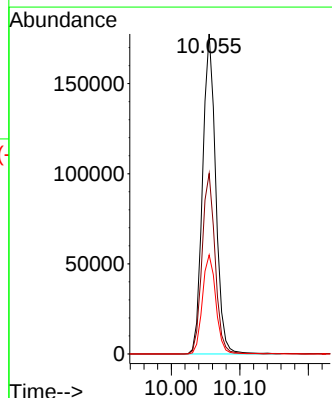
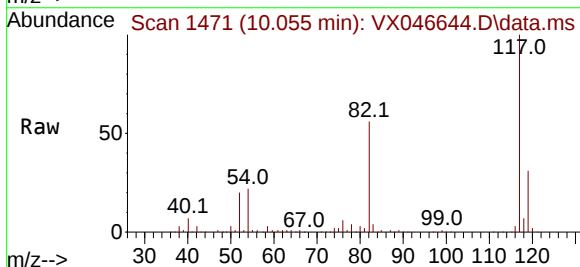
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

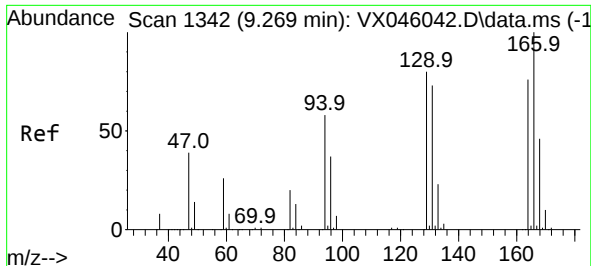
Tgt Ion: 95 Resp: 126952
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.8
176 70.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046644.D
Acq: 11 Jun 2025 17:53

Tgt Ion: 117 Resp: 237036
Ion Ratio Lower Upper
117 100
82 56.4 50.6 76.0
119 31.0 25.8 38.6



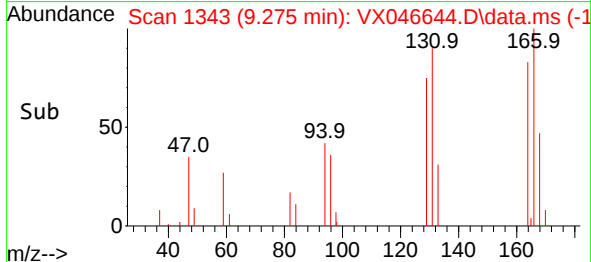
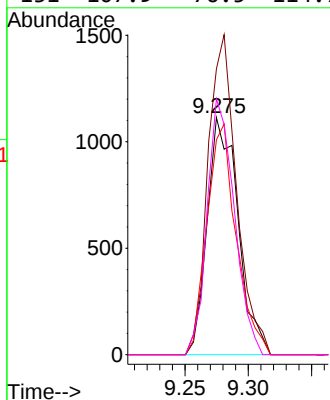
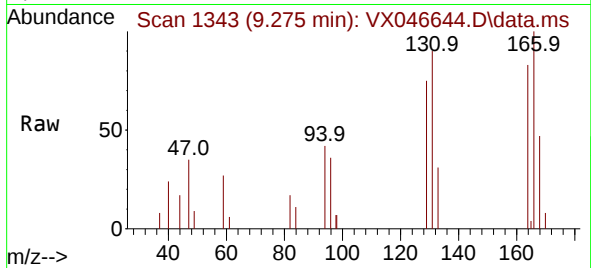


#64
Tetrachloroethene
Concen: 1.185 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046644.D
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Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 1879

Ion	Ratio	Lower	Upper
164	100		
166	120.6	105.0	157.6
129	90.6	83.5	125.3
131	107.9	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: VX046644.D
Acq: 11 Jun 2025 17:53

Tgt Ion:152 Resp: 124632

Ion	Ratio	Lower	Upper
152	100		
115	61.9	46.9	140.7
150	158.5	0.0	351.0

