

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046664.D
 Acq On : 12 Jun 2025 15:24
 Operator : JC/MD
 Sample : Q2249-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 13 01:44:55 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)

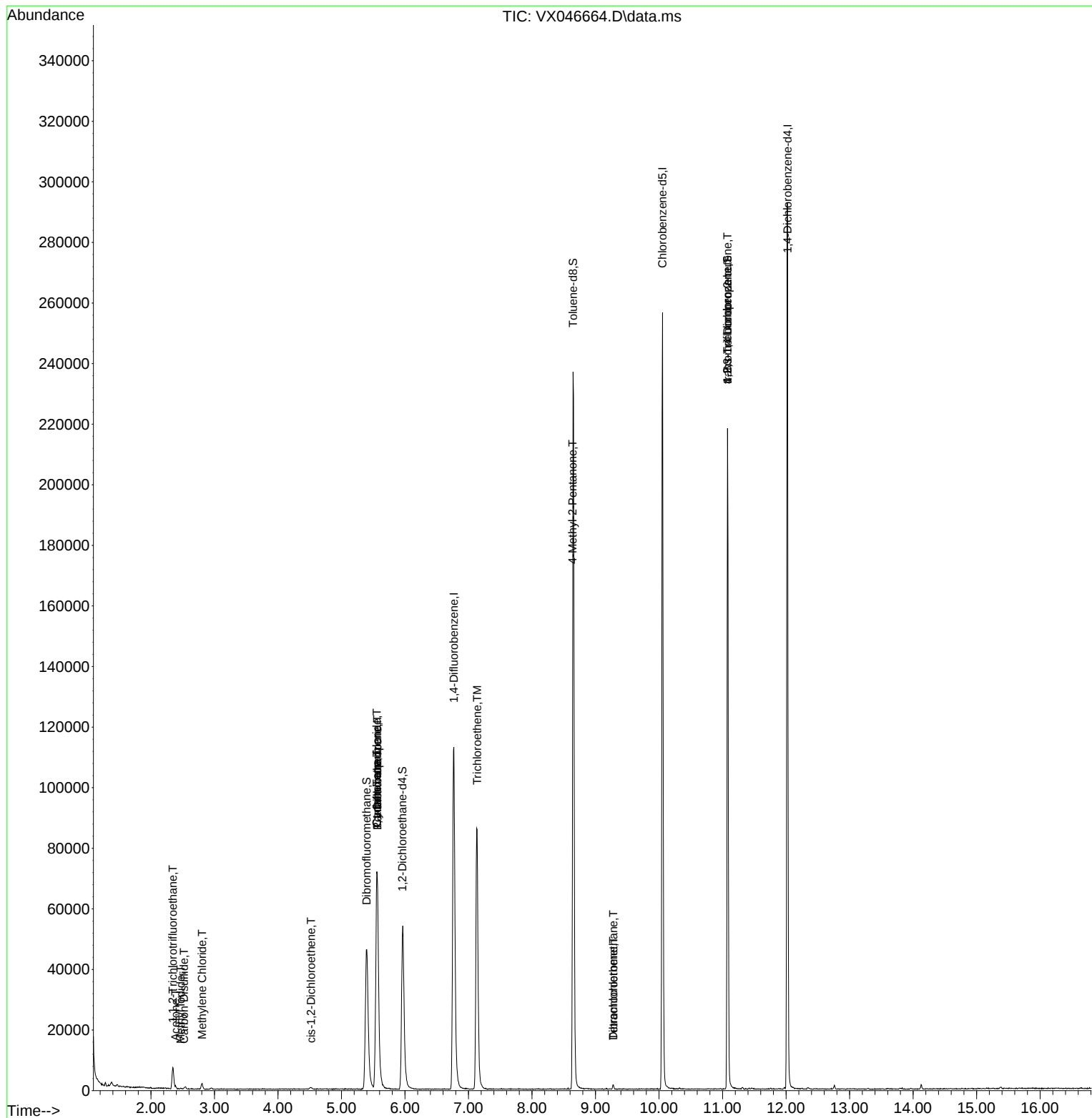
Internal Standards						
1) Pentafluorobenzene	5.562	168	71814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	121750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56219	44.002	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.000%		
35) Dibromofluoromethane	5.397	113	44975	50.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.460%		
50) Toluene-d8	8.647	98	143630	48.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	60972	49.923	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.840%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	3425	3.632	ug/l	95
10) Methyl Iodide	2.465	142	253	0.247	ug/l #	43
16) Acetone	2.386	43	615	5.798	ug/l #	79
17) Carbon Disulfide	2.520	76	511	0.484	ug/l #	76
20) Methylene Chloride	2.806	84	913	0.891	ug/l #	77
27) cis-1,2-Dichloroethene	4.519	96	344	0.310	ug/l	94
31) Cyclohexane	5.556	56	1610	1.084	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	6096	4.766	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7963	5.559	ug/l #	18
44) Trichloroethene	7.135	130	36366	39.752	ug/l	99
51) 4-Methyl-2-Pentanone	8.641	43	628	0.454	ug/l #	1
60) Dibromochloromethane	9.281	129	314	0.301	ug/l #	10
64) Tetrachloroethene	9.281	164	299	0.398	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	32145	26.247	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32145	75.712	ug/l #	1

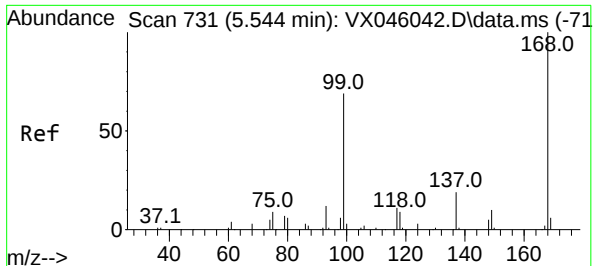
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
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MW-06-6.5-060525

Quant Time: Jun 13 01:44:55 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

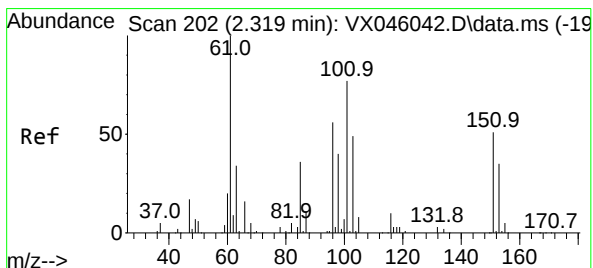
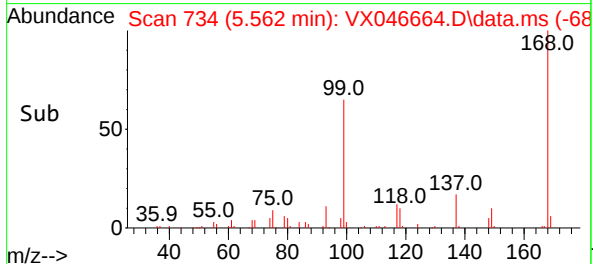
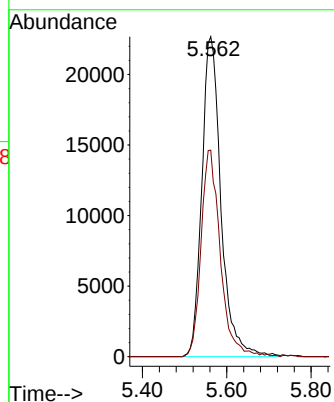
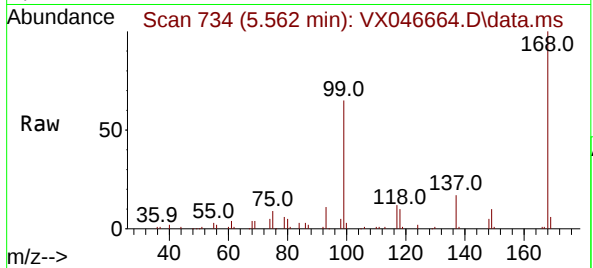




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

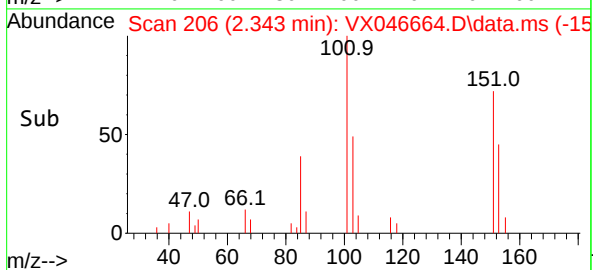
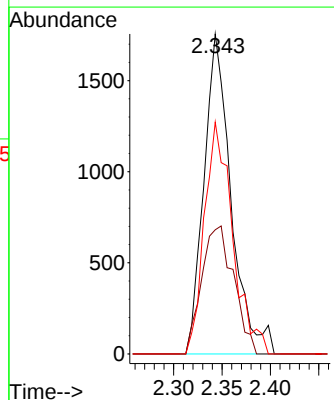
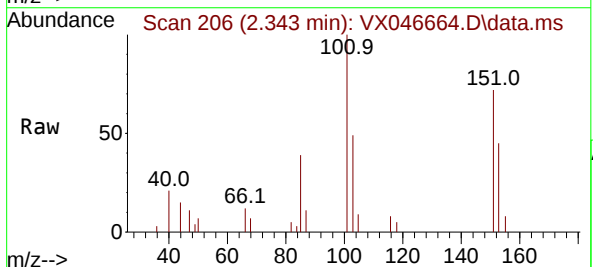
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

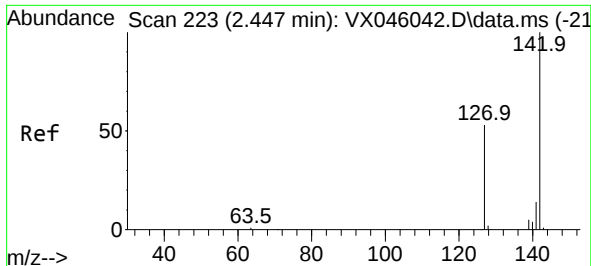
Tgt Ion:168 Resp: 71814
Ion Ratio Lower Upper
168 100
99 64.5 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.632 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion:101 Resp: 3425
Ion Ratio Lower Upper
101 100
85 47.1 38.6 58.0
151 75.5 55.2 82.8

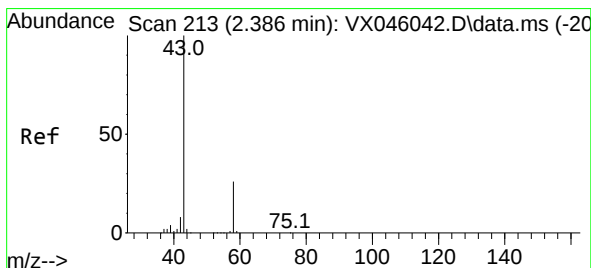
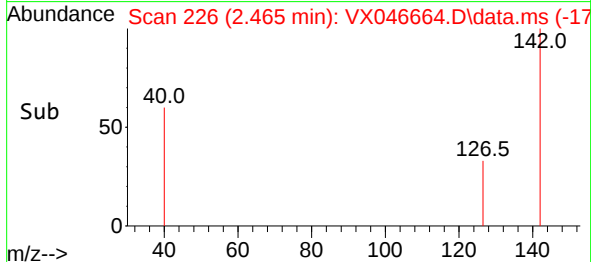
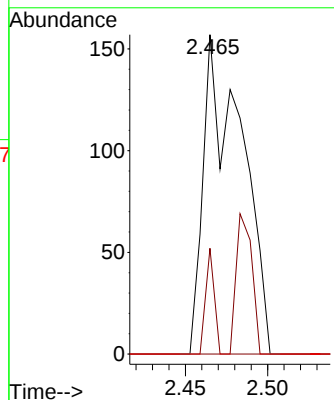
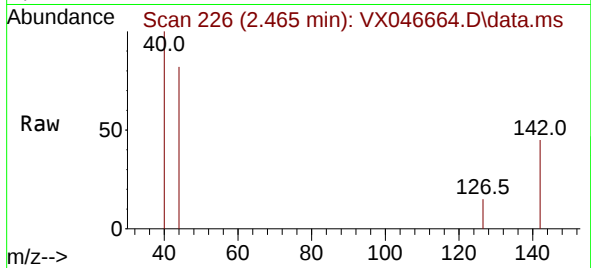




#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.465 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

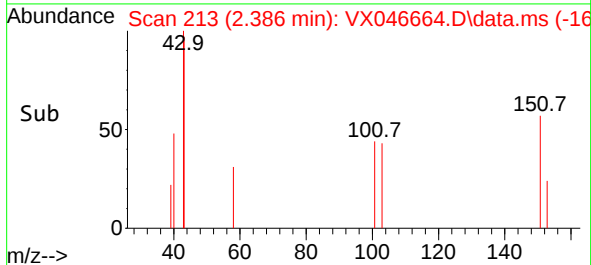
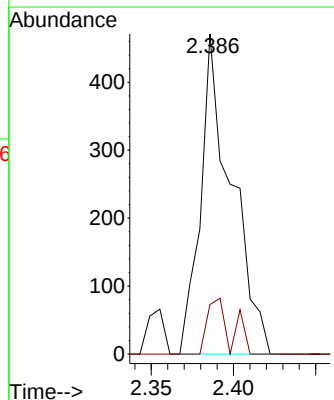
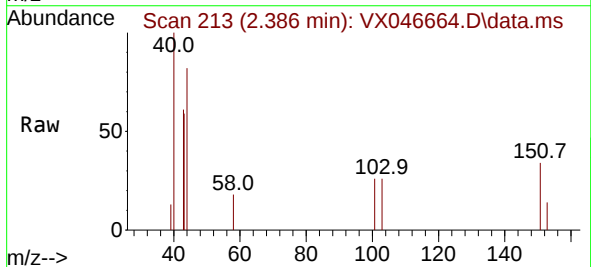
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

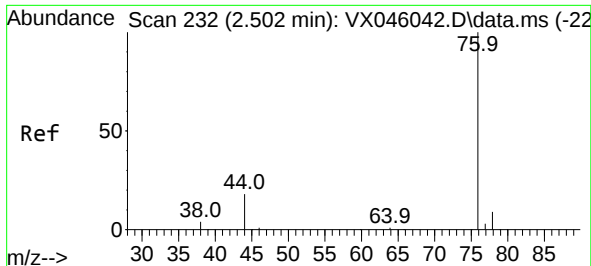
Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
127 7.5 41.7 62.5#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 5.798 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 15.5 21.2 31.8#

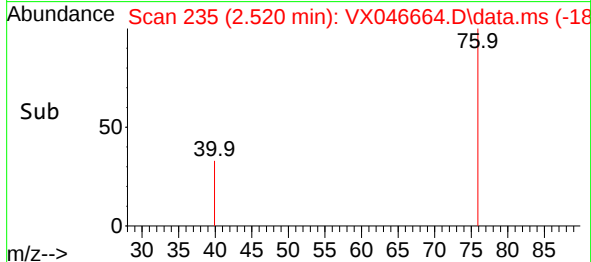
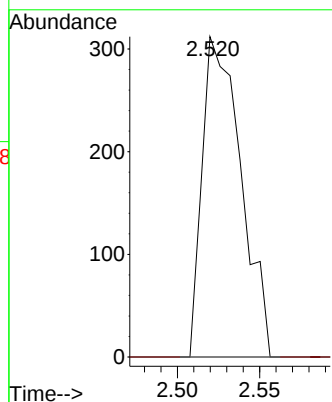
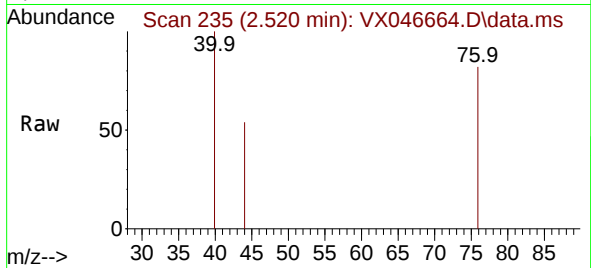




#17
Carbon Disulfide
Concen: 0.484 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

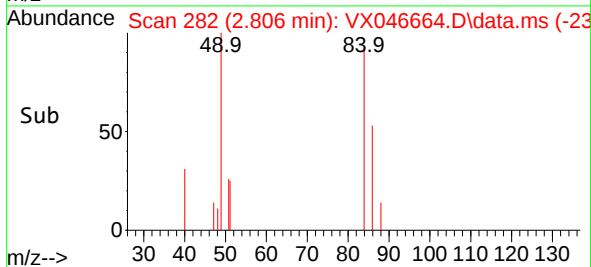
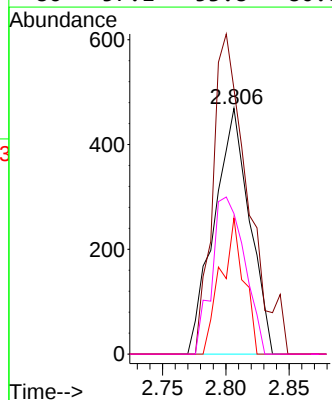
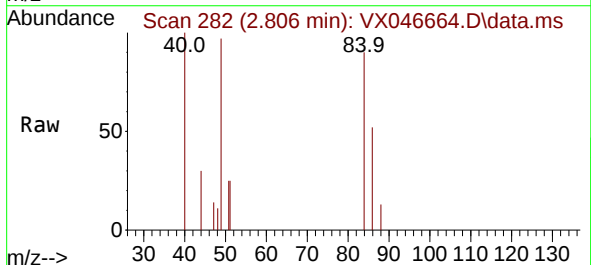
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

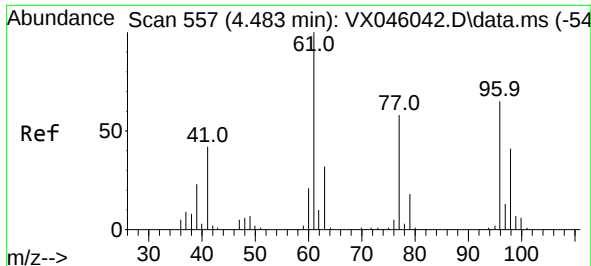
Tgt Ion: 76 Resp: 511
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.891 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion: 84 Resp: 913
Ion Ratio Lower Upper
84 100
49 107.9 113.9 170.9#
51 55.4 33.5 50.3#
86 57.1 53.8 80.8





#27

cis-1,2-Dichloroethene

Concen: 0.310 ug/l

RT: 4.519 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX046664.D

Acq: 12 Jun 2025 15:24

Instrument :

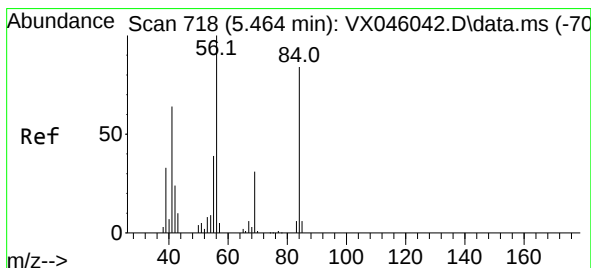
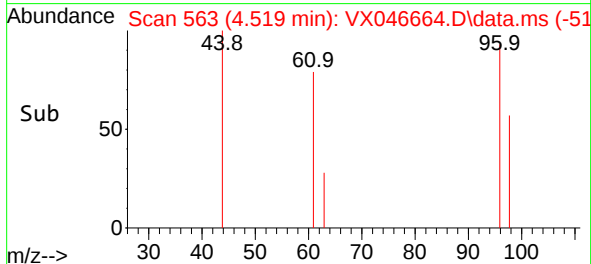
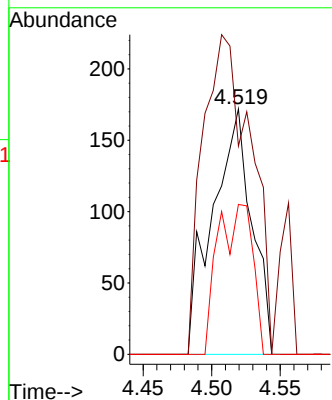
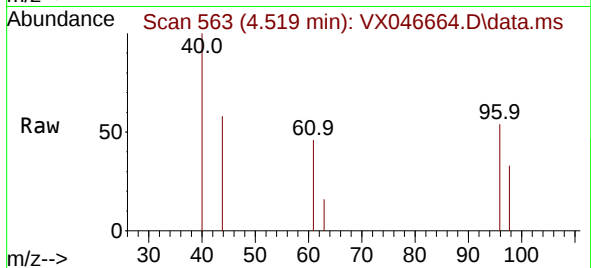
MSVOA_X

ClientSampleId :

MW-06-6.5-060525

Tgt Ion: 96 Resp: 344

Ion	Ratio	Lower	Upper
96	100		
61	157.6	0.0	322.8
98	53.8	0.0	129.0



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 5.556 min Scan# 733

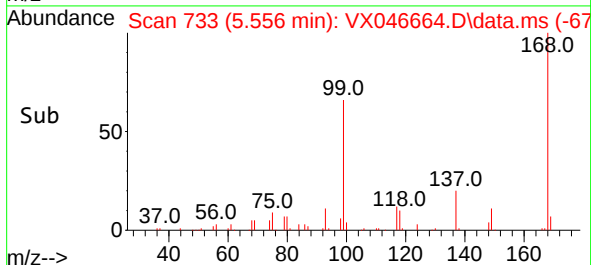
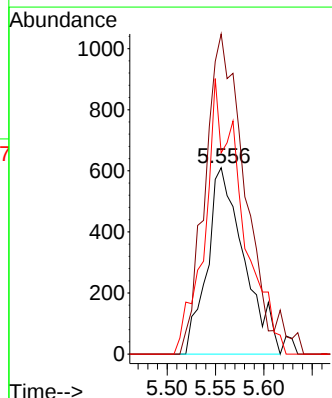
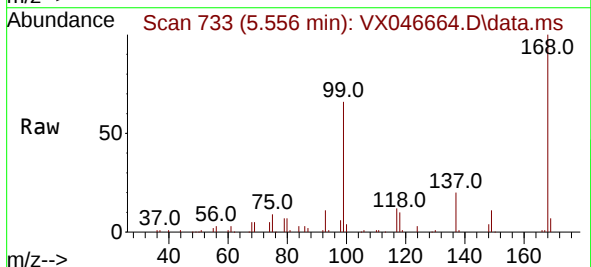
Delta R.T. 0.067 min

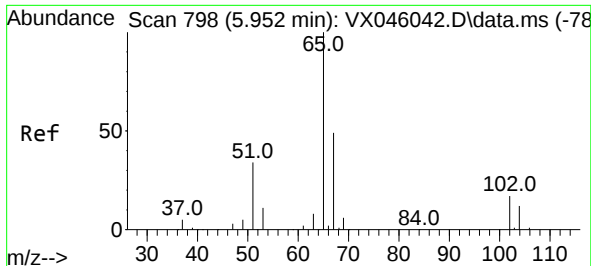
Lab File: VX046664.D

Acq: 12 Jun 2025 15:24

Tgt Ion: 56 Resp: 1610

Ion	Ratio	Lower	Upper
56	100		
69	171.8	24.4	36.6#
84	99.3	66.9	100.3

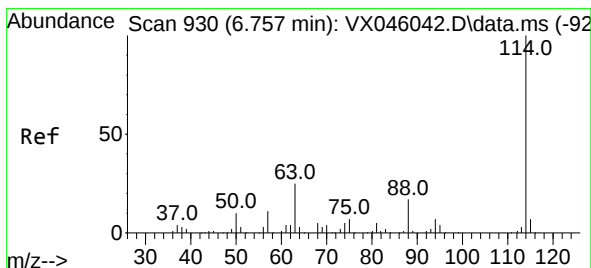
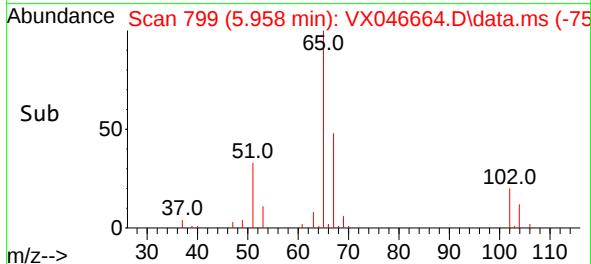
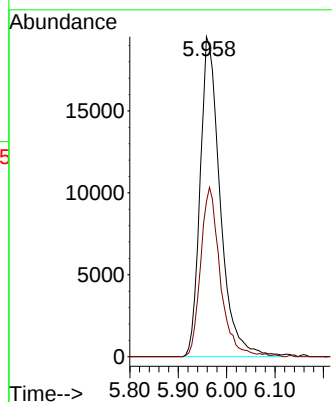
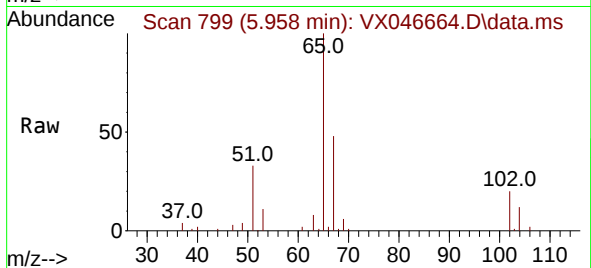




#33
 1,2-Dichloroethane-d4
 Concen: 44.002 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. -0.012 min
 Lab File: VX046664.D
 Acq: 12 Jun 2025 15:24

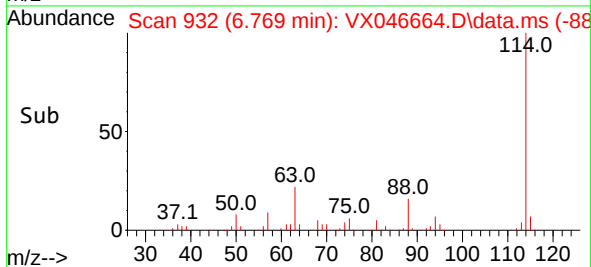
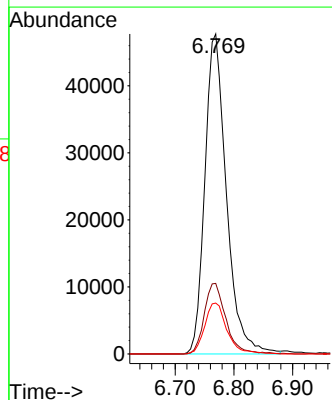
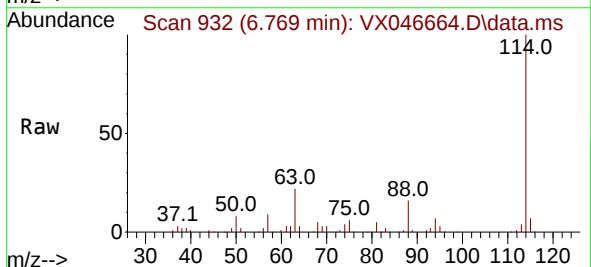
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-060525

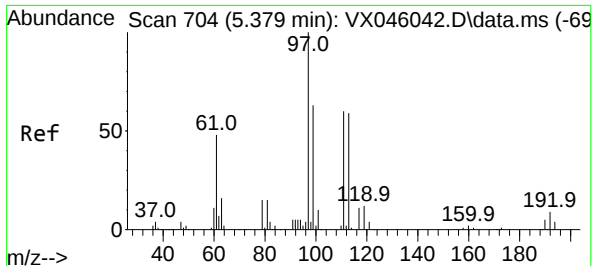
Tgt Ion: 65 Resp: 56219
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.006 min
 Lab File: VX046664.D
 Acq: 12 Jun 2025 15:24

Tgt Ion: 114 Resp: 121750
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 49.2
 88 15.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.232 ug/l

RT: 5.397 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX046664.D

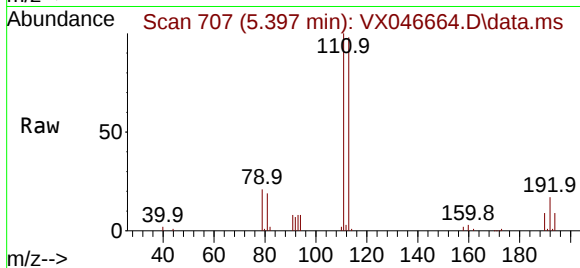
Acq: 12 Jun 2025 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-060525



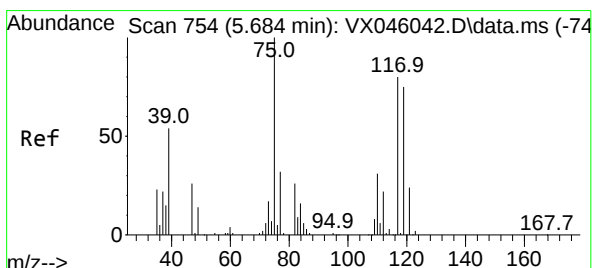
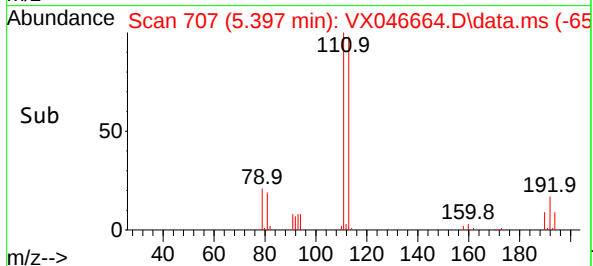
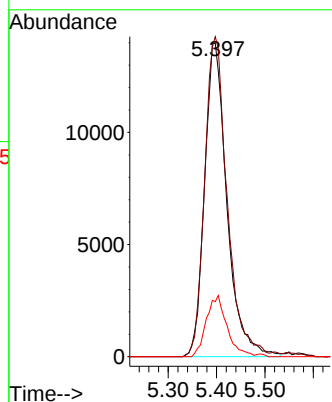
Tgt Ion:113 Resp: 44975

Ion Ratio Lower Upper

113 100

111 102.5 83.1 124.7

192 18.0 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.152 min

Lab File: VX046664.D

Acq: 12 Jun 2025 15:24

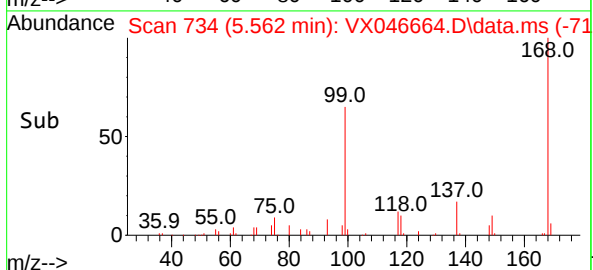
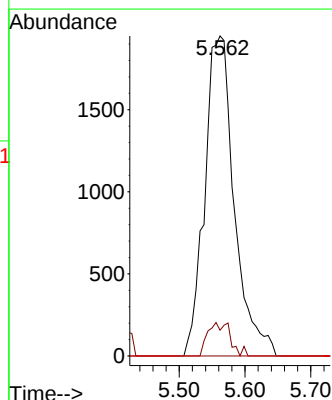
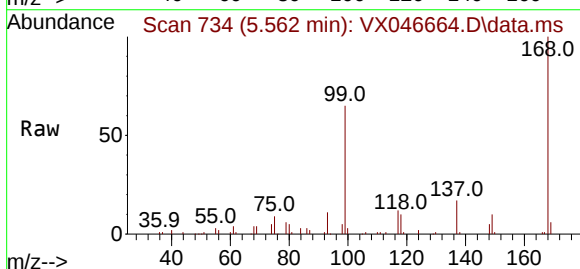
Tgt Ion: 75 Resp: 6096

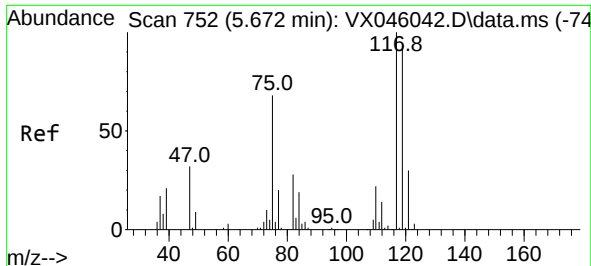
Ion Ratio Lower Upper

75 100

110 8.0 16.3 48.9#

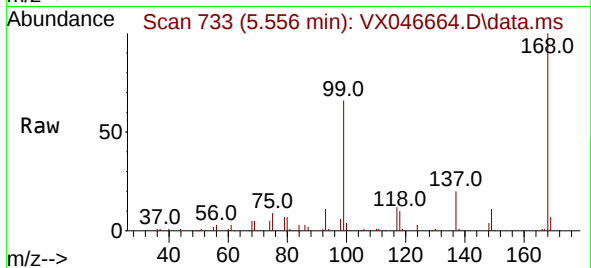
77 0.0 24.3 36.5#



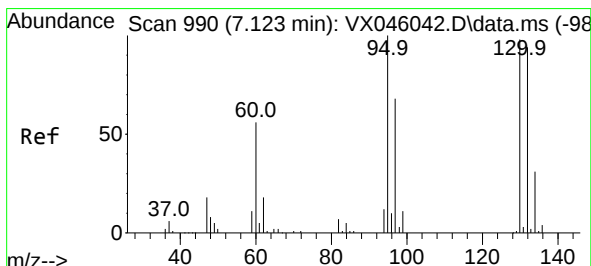
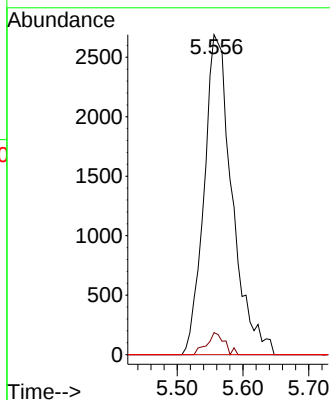
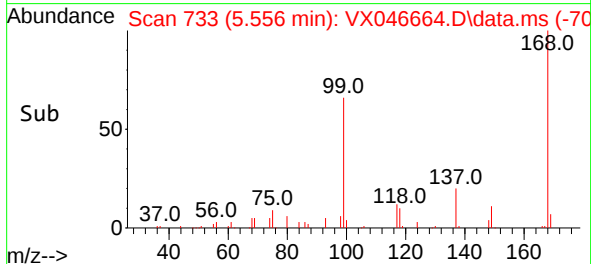


#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

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

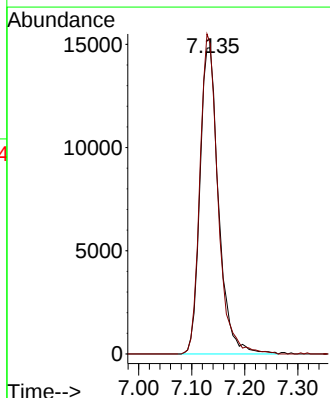
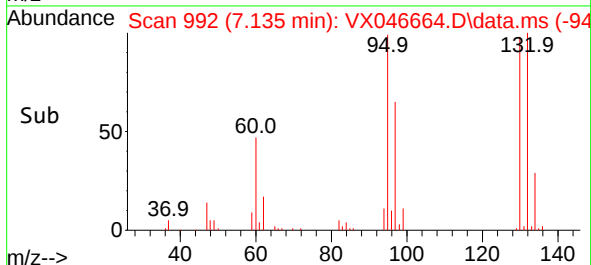
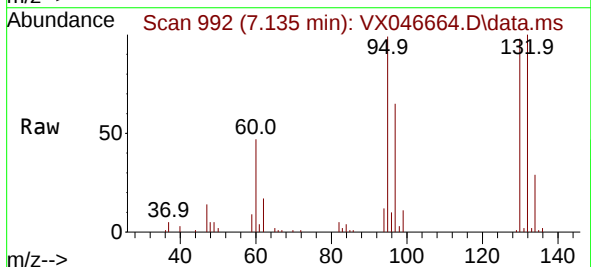


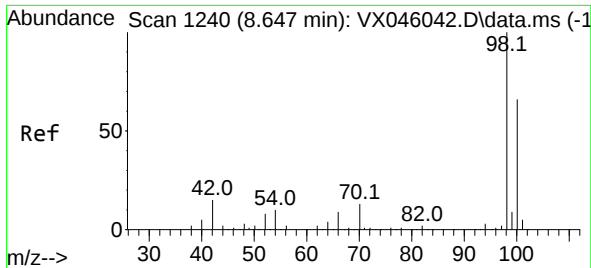
Tgt Ion:117 Resp: 7963
Ion Ratio Lower Upper
117 100
119 6.9 75.2 112.8#
121 0.0 24.2 36.4#



#44
Trichloroethene
Concen: 39.752 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion:130 Resp: 36366
Ion Ratio Lower Upper
130 100
95 101.3 0.0 204.2

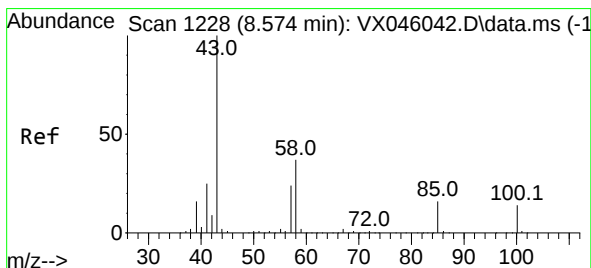
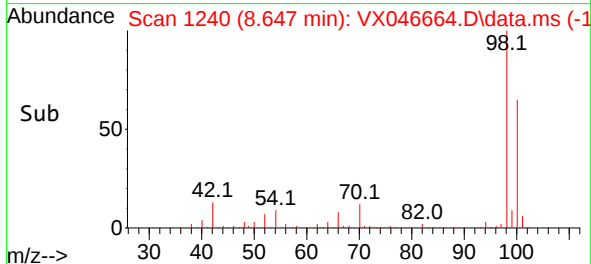
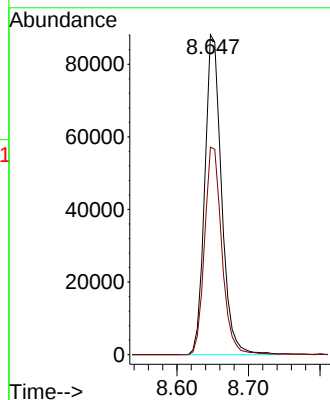
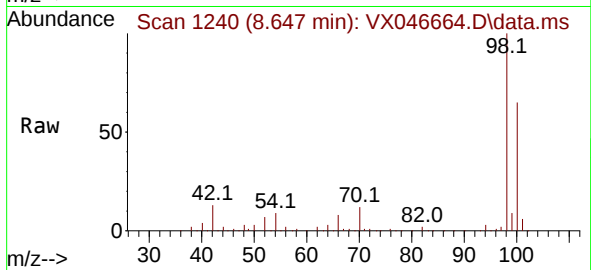




#50
Toluene-d8
Concen: 48.658 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

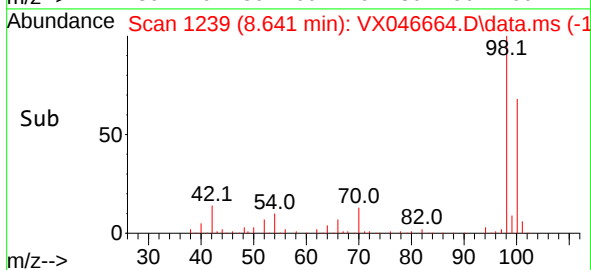
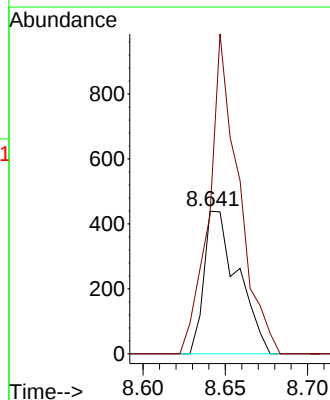
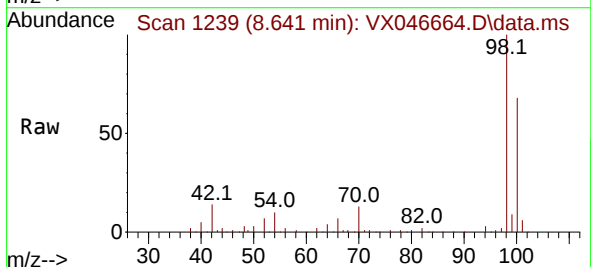
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

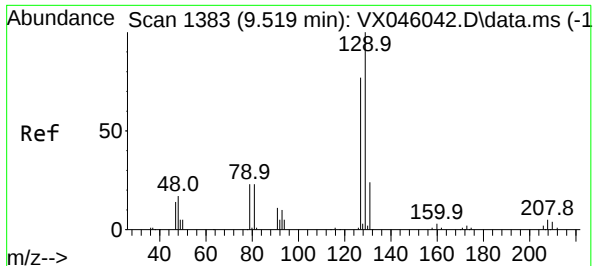
Tgt Ion: 98 Resp: 143630
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 196.8 28.9 43.3#

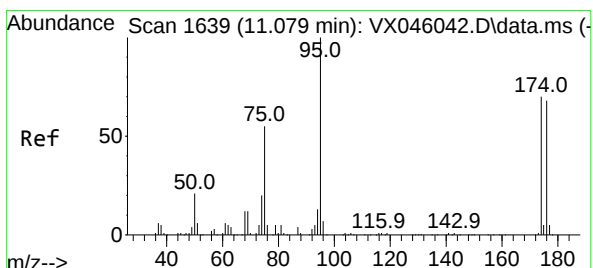
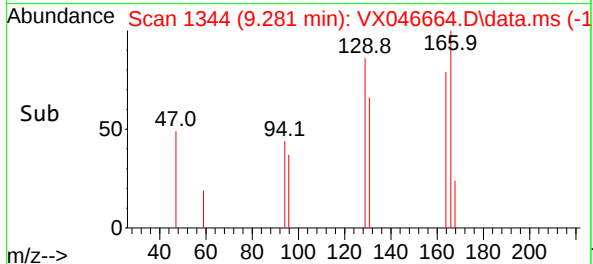
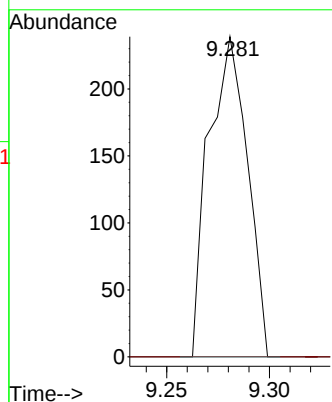
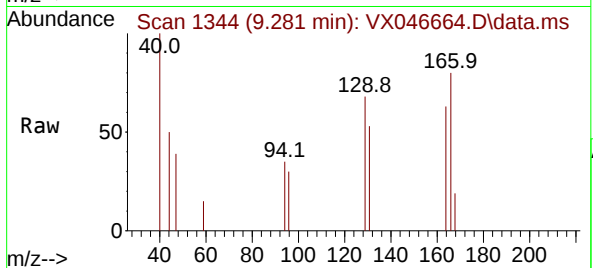




#60
Dibromochloromethane
Concen: 0.301 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

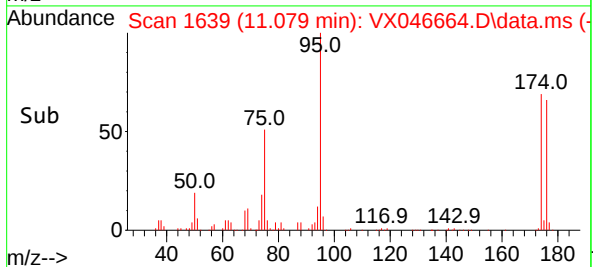
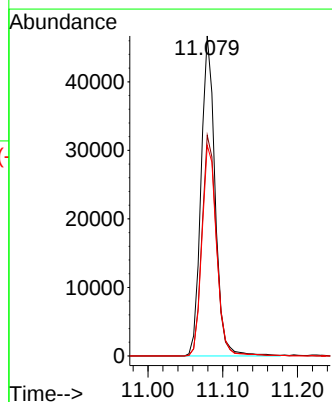
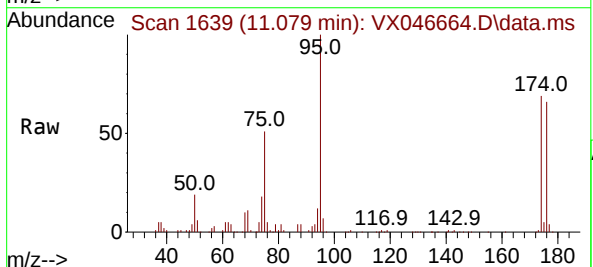
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

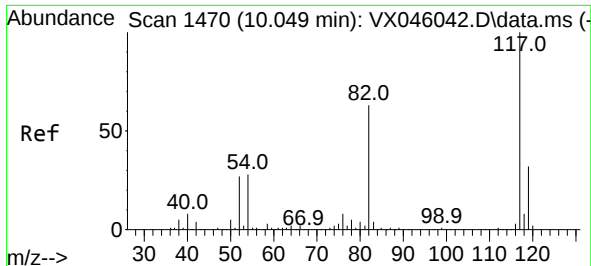
Tgt Ion:129 Resp: 314
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 49.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion: 95 Resp: 60972
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.8
176 68.6 0.0 131.4

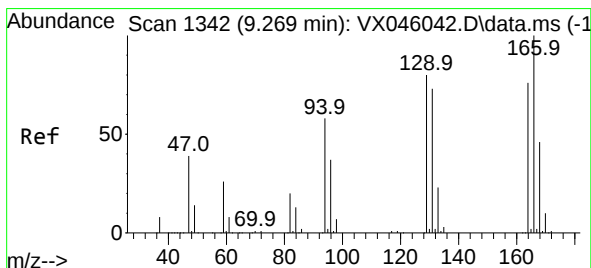
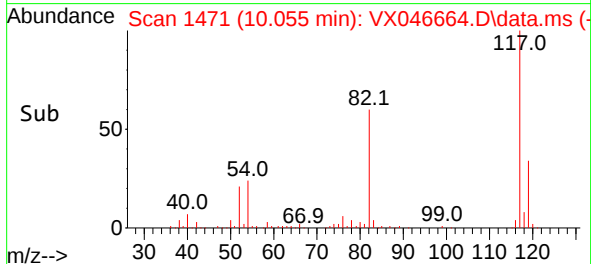
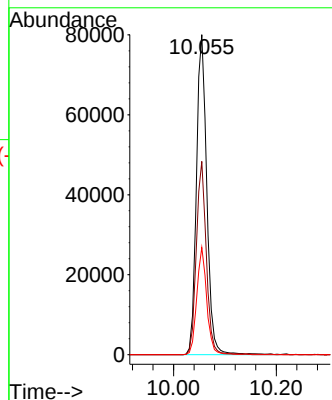
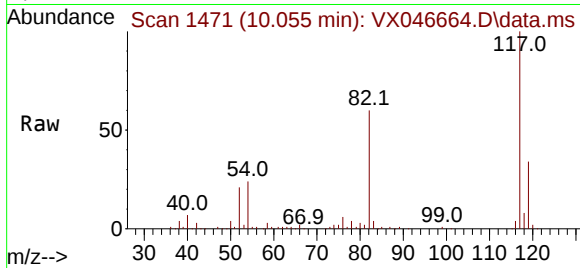




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

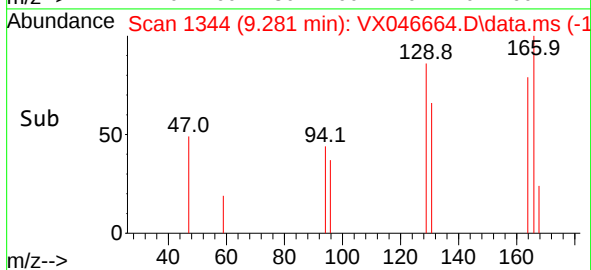
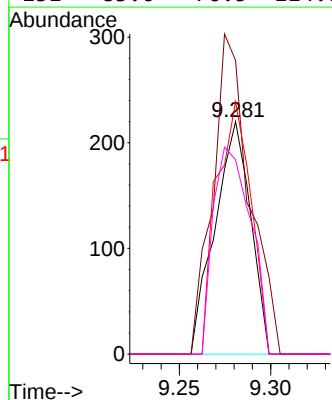
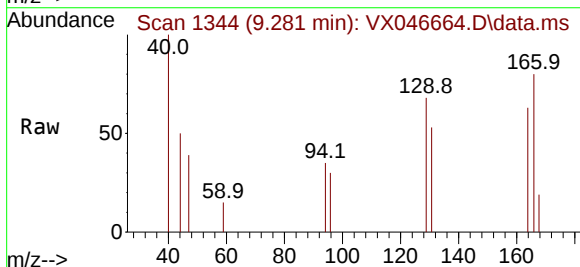
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

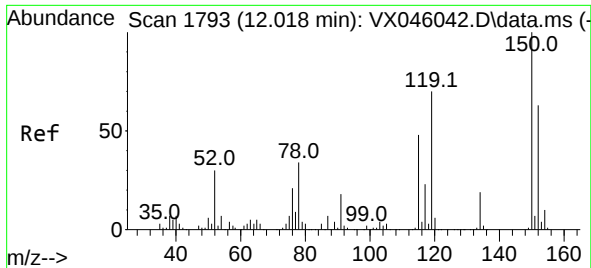
Tgt Ion:117 Resp: 112322
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 33.5 25.8 38.6



#64
Tetrachloroethene
Concen: 0.398 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX046664.D
Acq: 12 Jun 2025 15:24

Tgt Ion:164 Resp: 299
Ion Ratio Lower Upper
164 100
166 126.4 105.0 157.6
129 108.6 83.5 125.3
131 83.6 76.5 114.7

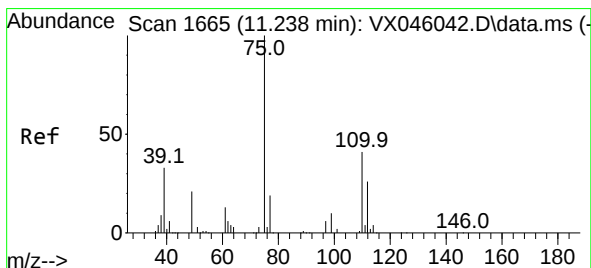
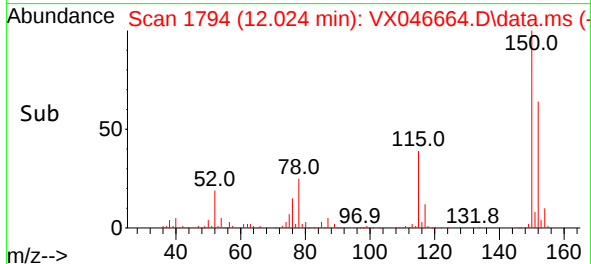
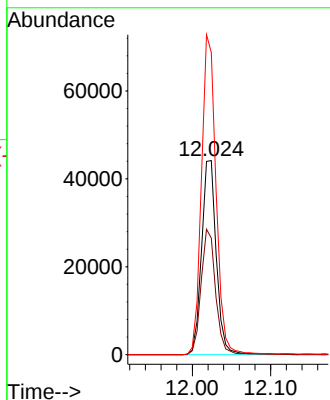
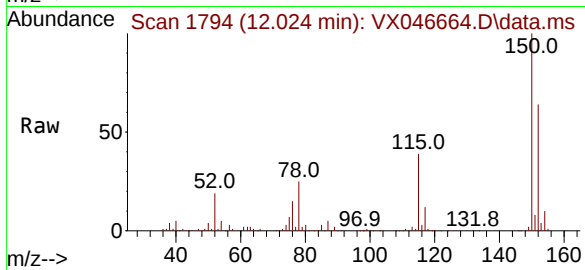




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046664.D
 Acq: 12 Jun 2025 15:24

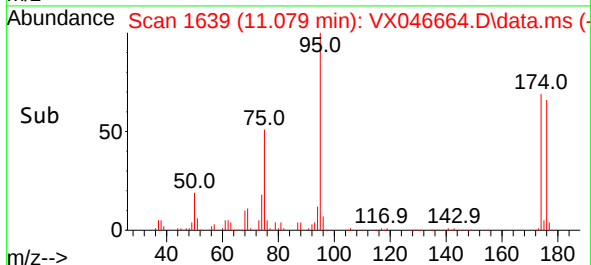
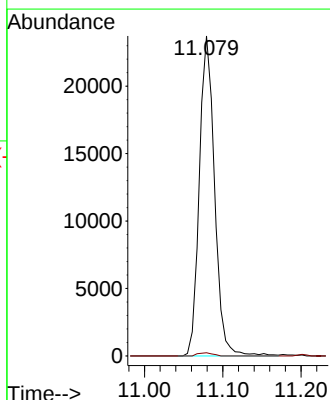
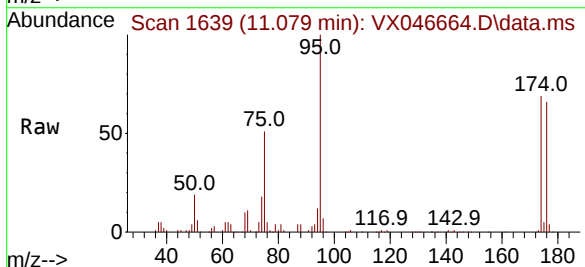
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-060525

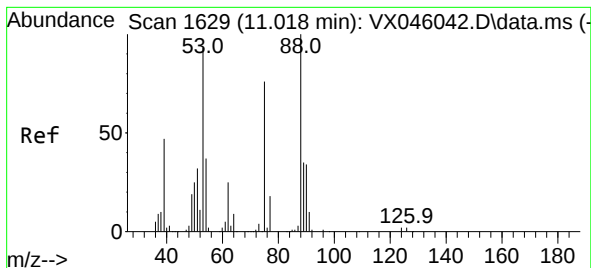
Tgt Ion:152 Resp: 57821
 Ion Ratio Lower Upper
 152 100
 115 63.9 46.9 140.7
 150 162.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 26.247 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046664.D
 Acq: 12 Jun 2025 15:24

Tgt Ion: 75 Resp: 32145
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.712 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX046664.D
 Acq: 12 Jun 2025 15:24

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

Tgt Ion: 75 Resp: 32145
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

