

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 02:06:12 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)

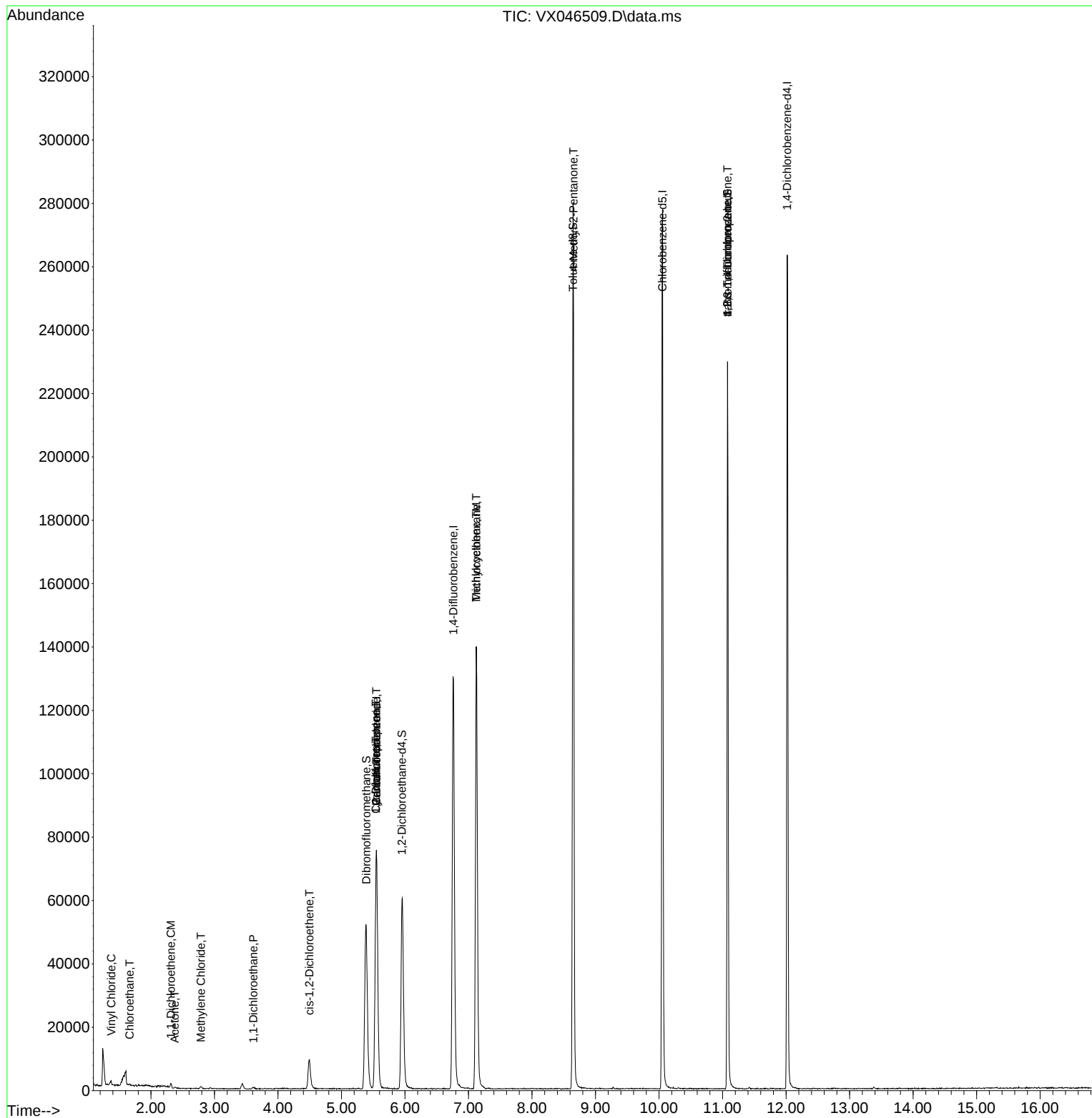
Internal Standards						
1) Pentafluorobenzene	5.550	168	63962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
					Qvalue	
4) Vinyl Chloride	1.374	62	182	0.206	ug/l #	77
6) Chloroethane	1.666	64	158	0.335	ug/l #	44
12) 1,1-Dichloroethene	2.312	96	308	0.406	ug/l #	73
16) Acetone	2.373	43	280	0.586	ug/l	96
20) Methylene Chloride	2.788	84	352	0.384	ug/l	85
24) 1,1-Dichloroethane	3.611	63	620	0.398	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	5624	6.125	ug/l	90
31) Cyclohexane	5.544	56	1815	1.277	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6054	4.910	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7664	5.532	ug/l #	17
39) Methylcyclohexane	7.123	83	717	0.452	ug/l #	1
44) Trichloroethene	7.123	130	48234	55.491	ug/l	94
51) 4-Methyl-2-Pentanone	8.653	43	879	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34360	28.193	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34360	91.788	ug/l #	1

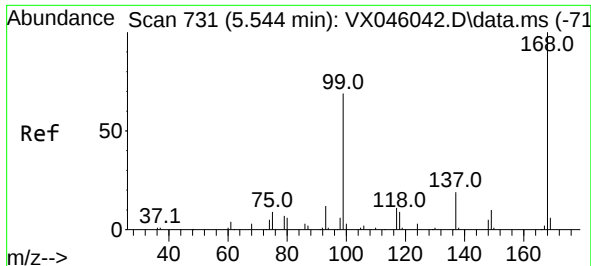
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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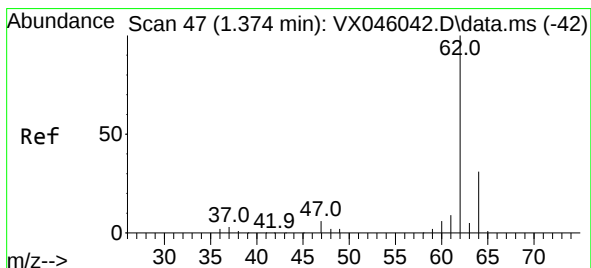
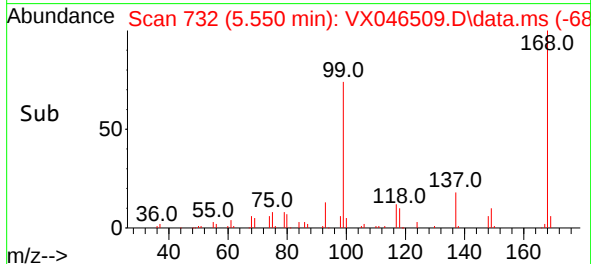
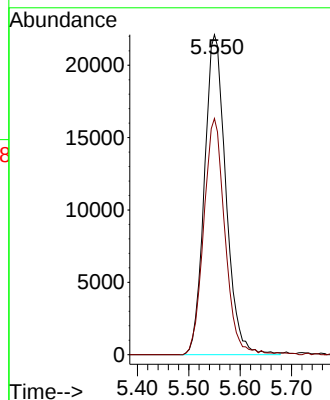
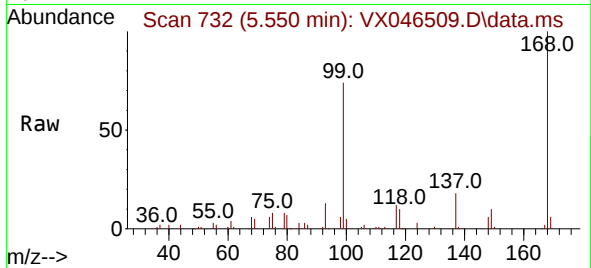




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

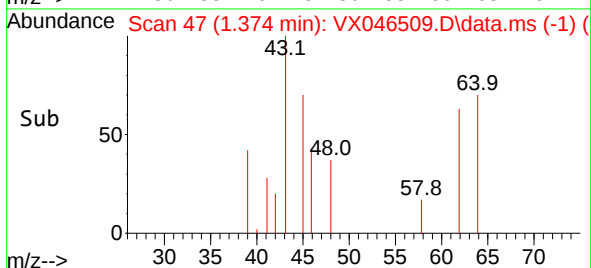
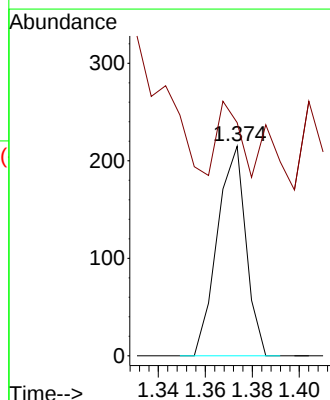
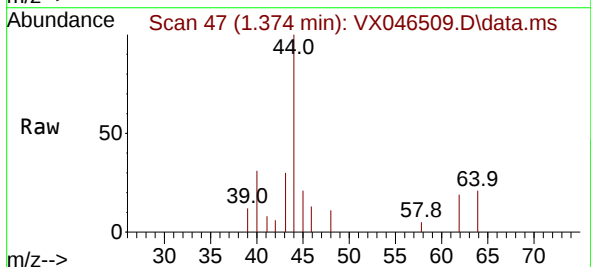
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

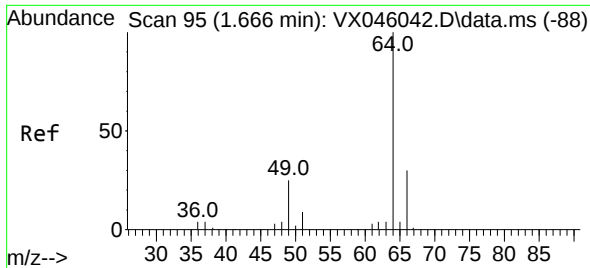
Tgt Ion:168 Resp: 63962
Ion Ratio Lower Upper
168 100
99 73.8 54.9 82.3



#4
Vinyl Chloride
Concen: 0.206 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 62 Resp: 182
Ion Ratio Lower Upper
62 100
64 18.6 25.2 37.8#

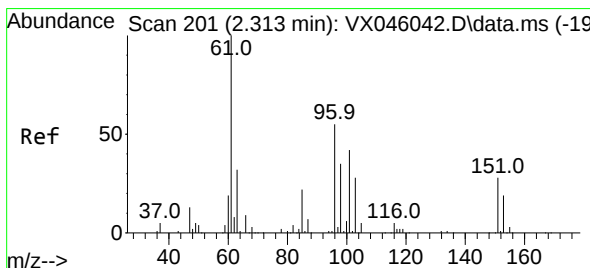
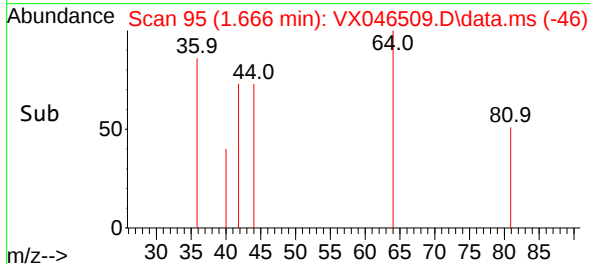
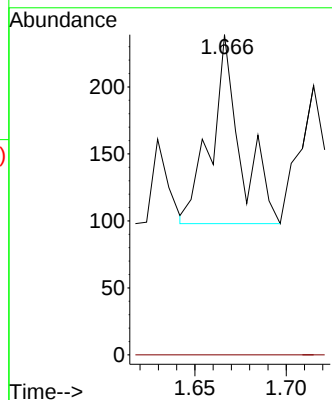
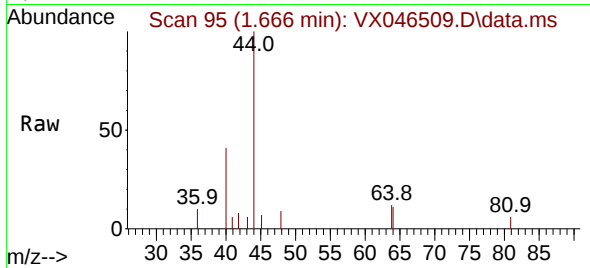




#6
Chloroethane
Concen: 0.335 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

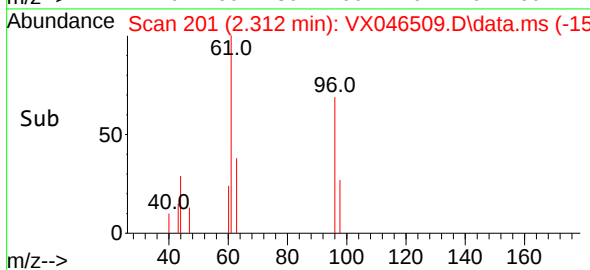
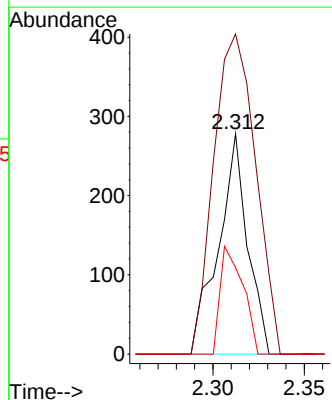
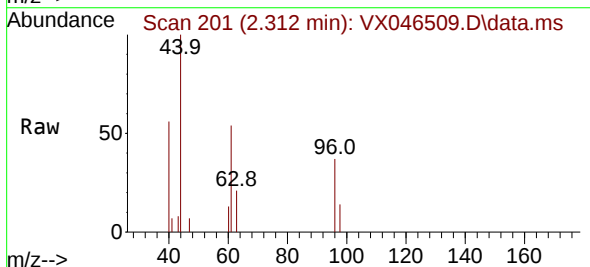
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 24.3 36.5#



#12
1,1-Dichloroethene
Concen: 0.406 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 96 Resp: 308
Ion Ratio Lower Upper
96 100
61 145.3 146.2 219.2#
98 39.2 51.0 76.6#

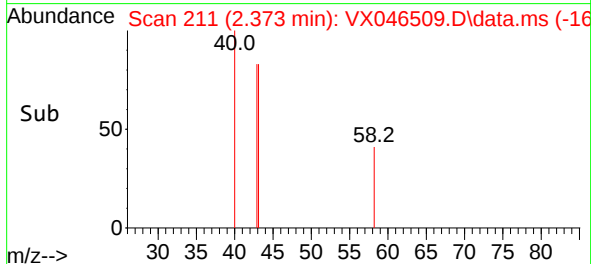
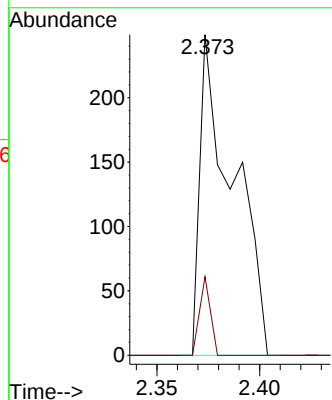
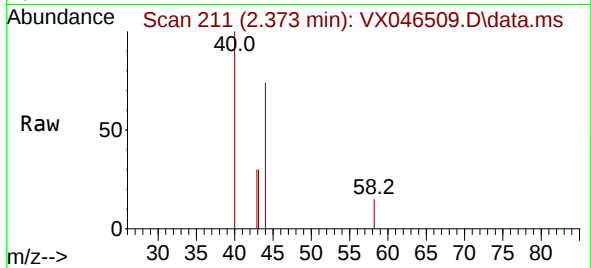




#16
Acetone
Concen: 0.586 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

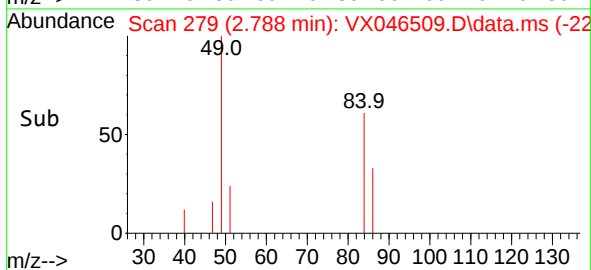
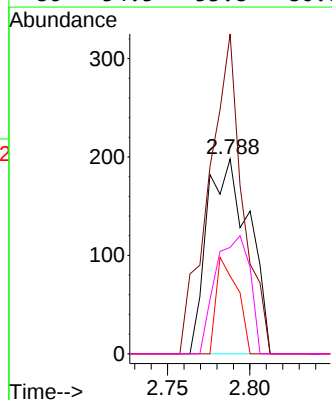
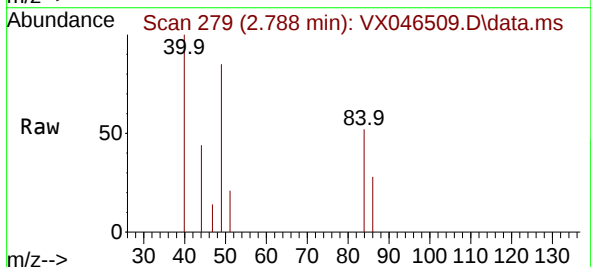
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

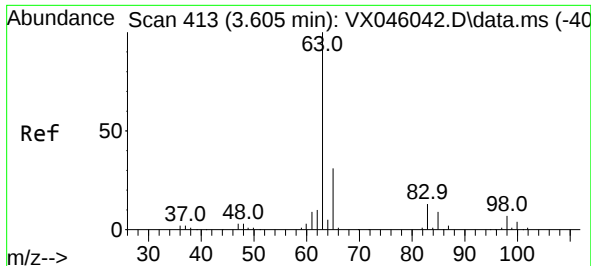
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 24.5 21.2 31.8



#20
Methylene Chloride
Concen: 0.384 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 84 Resp: 352
Ion Ratio Lower Upper
84 100
49 164.1 113.9 170.9
51 39.9 33.5 50.3
86 54.5 53.8 80.8





#24

1,1-Dichloroethane

Concen: 0.398 ug/l

RT: 3.611 min Scan# 41

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

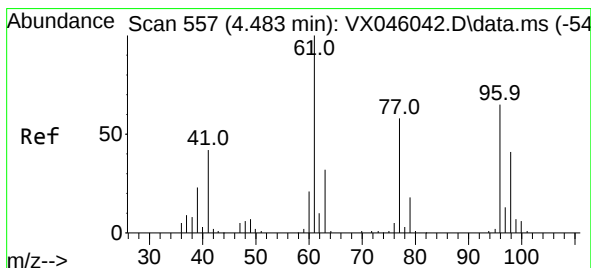
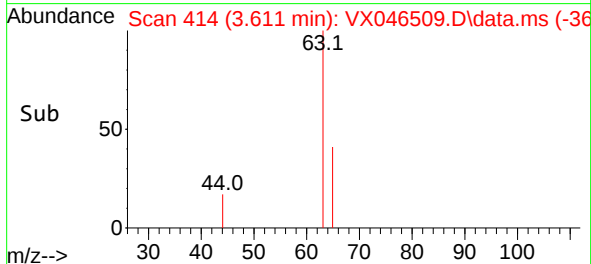
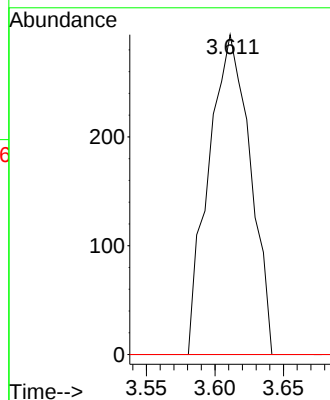
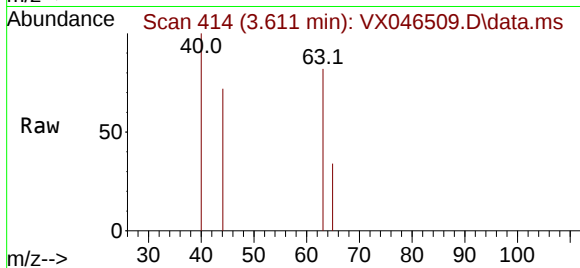
Tgt Ion: 63 Resp: 620

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.1 6.3#



#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

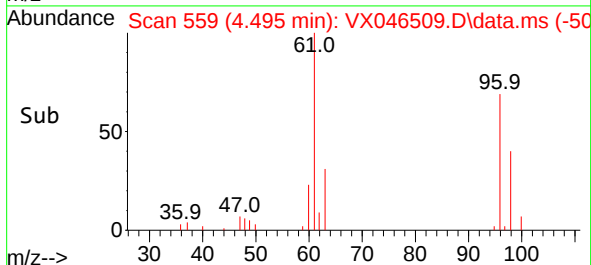
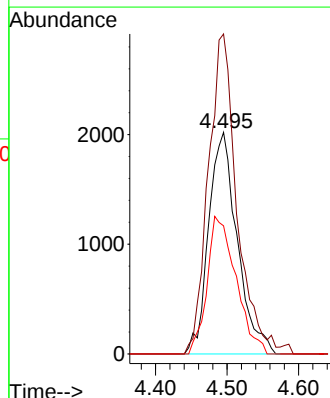
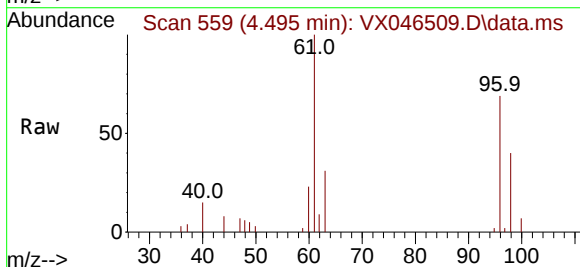
Tgt Ion: 96 Resp: 5624

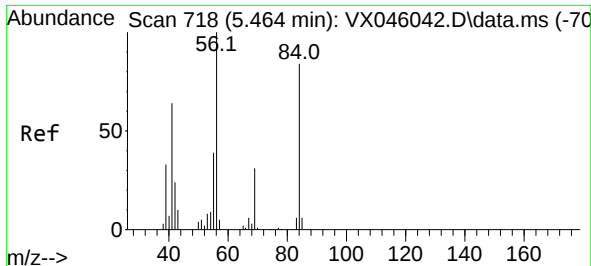
Ion Ratio Lower Upper

96 100

61 143.6 0.0 322.8

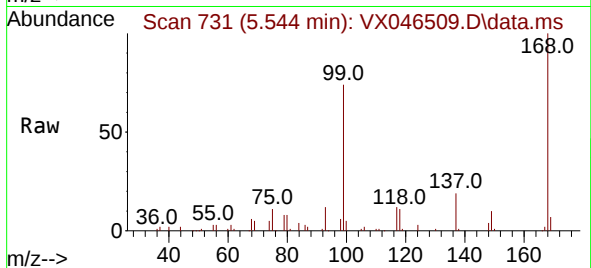
98 62.4 0.0 129.0



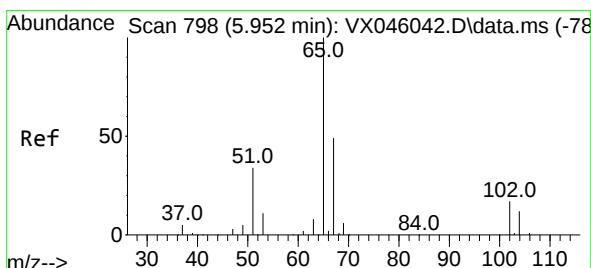
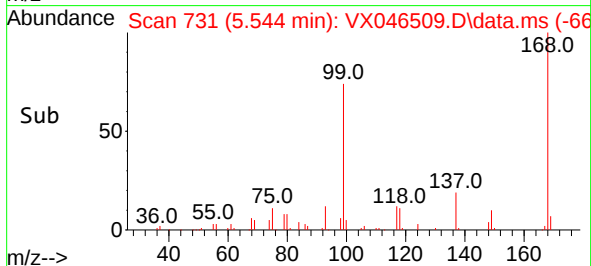
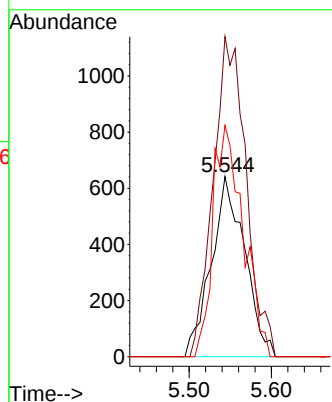


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

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

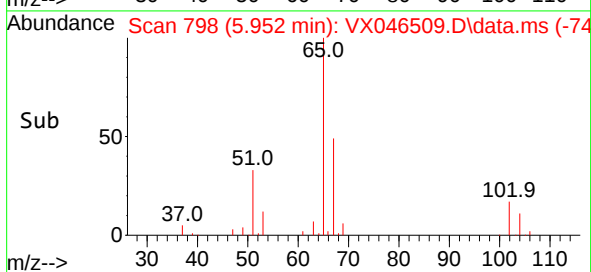
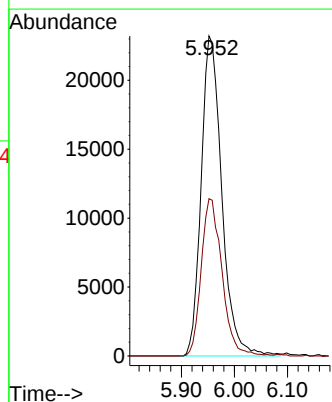
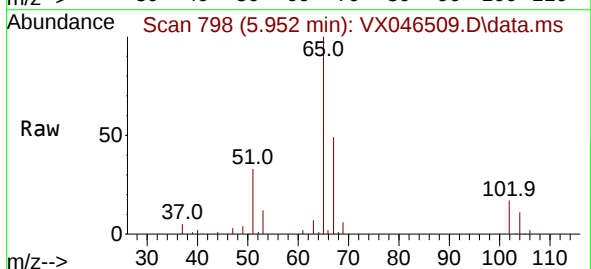


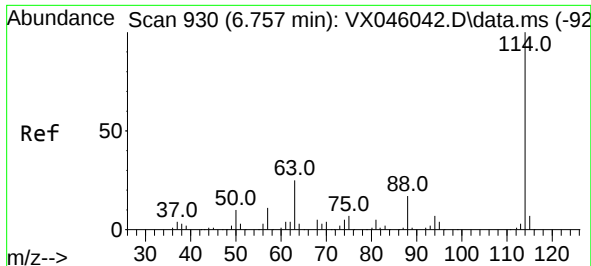
Tgt Ion: 56 Resp: 1815
Ion Ratio Lower Upper
56 100
69 177.6 24.4 36.6#
84 128.3 66.9 100.3#



#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

Tgt Ion: 65 Resp: 62846
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

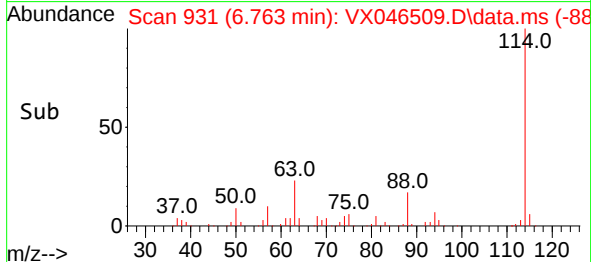
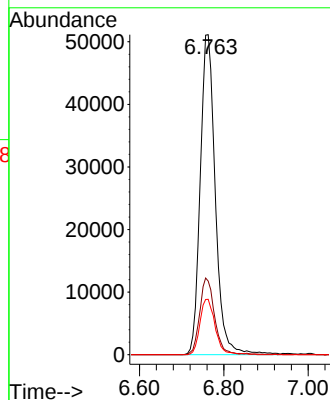
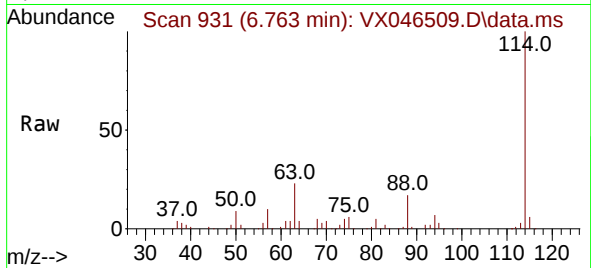




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

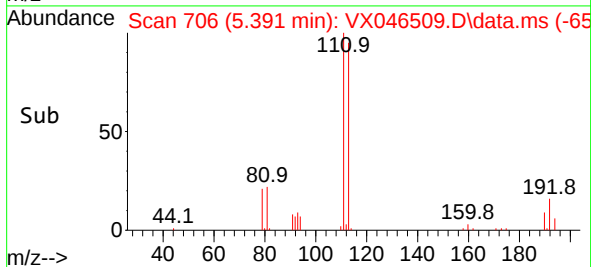
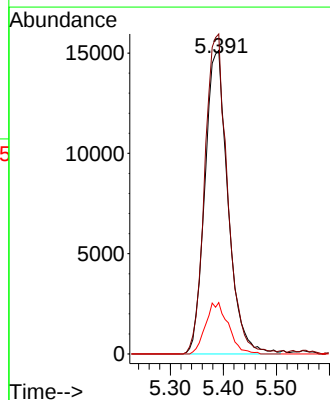
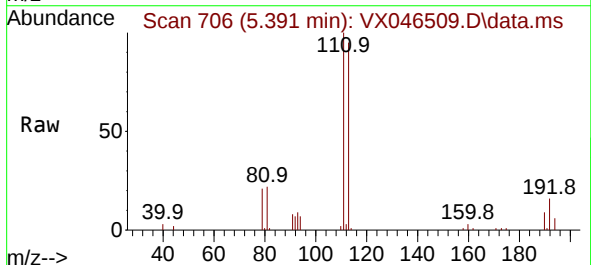
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Tgt Ion:114 Resp: 127435
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.932 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

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

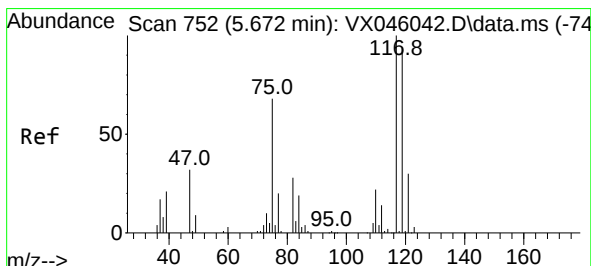
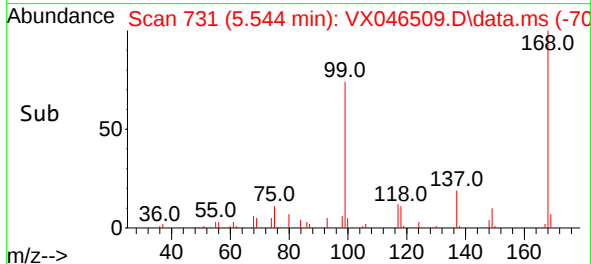
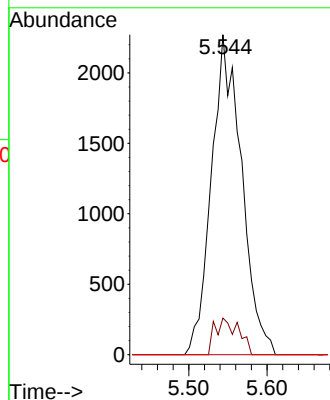
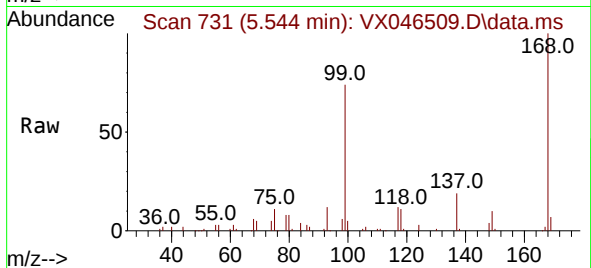




#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

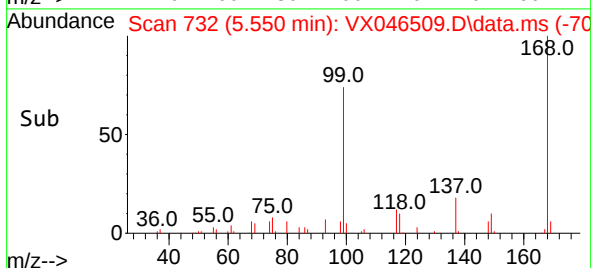
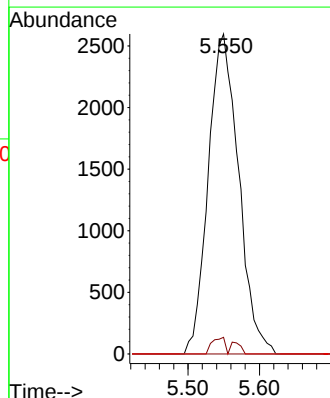
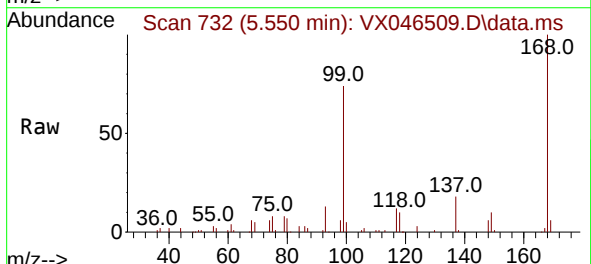
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

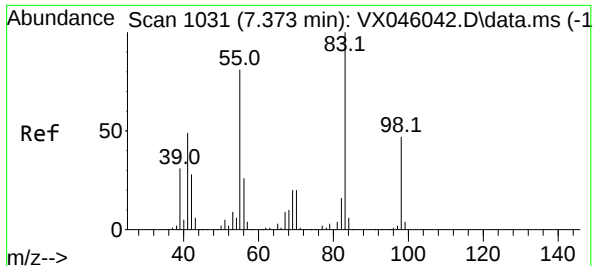
Tgt Ion: 75 Resp: 6054
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.532 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 117 Resp: 7664
Ion Ratio Lower Upper
117 100
119 5.2 75.2 112.8#
121 0.0 24.2 36.4#

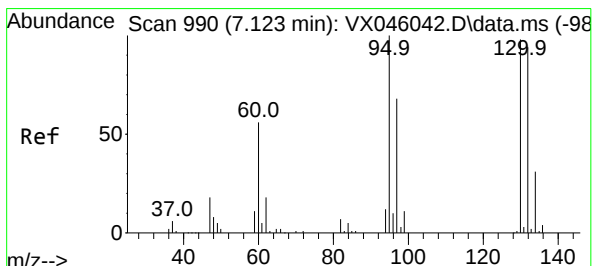
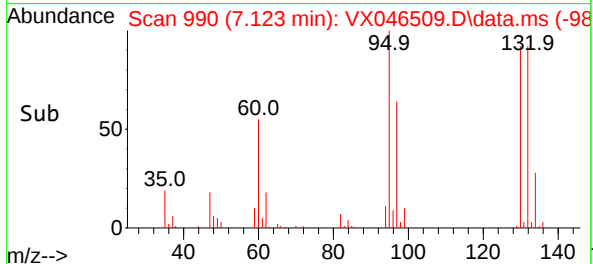
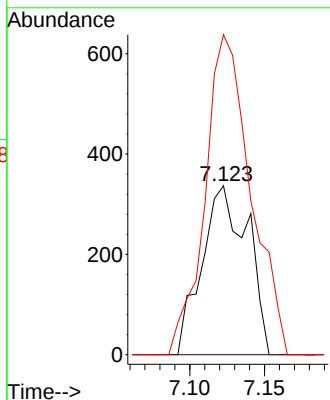
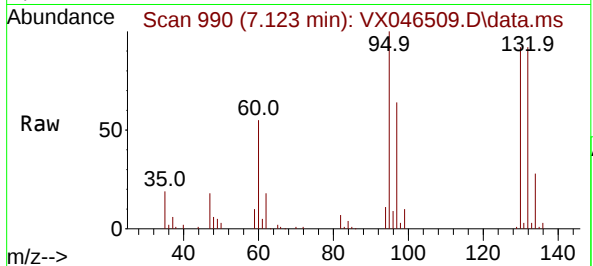




#39
Methylcyclohexane
Concen: 0.452 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

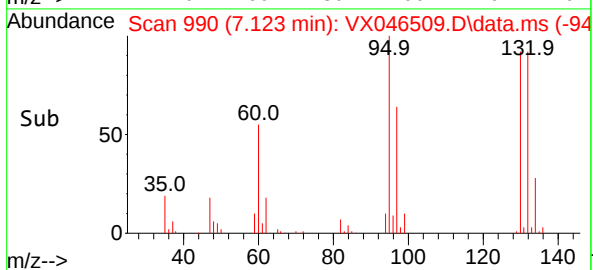
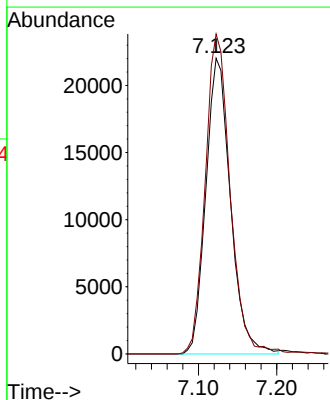
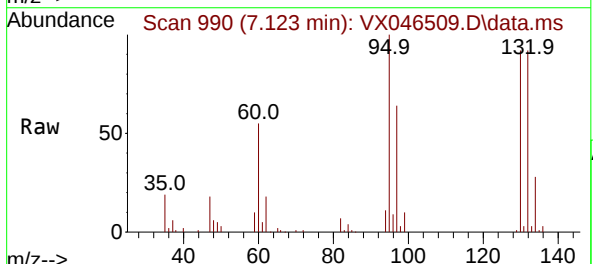
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

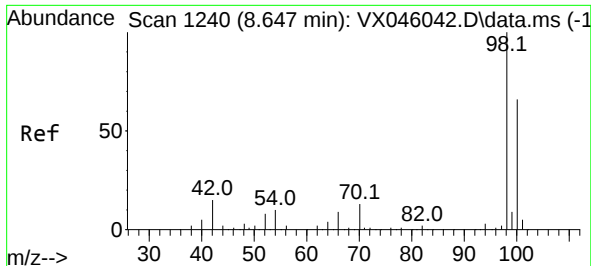
Tgt Ion: 83 Resp: 717
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 170.3 37.4 56.2#



#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

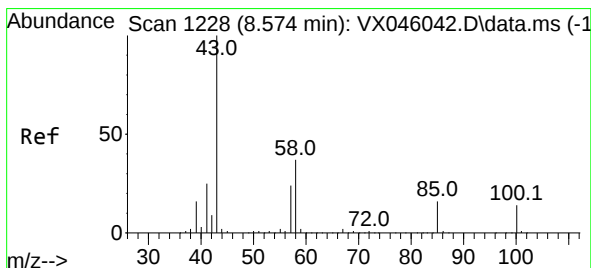
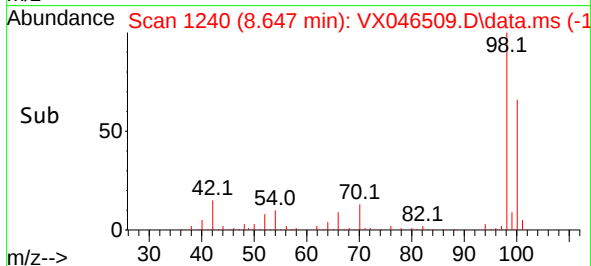
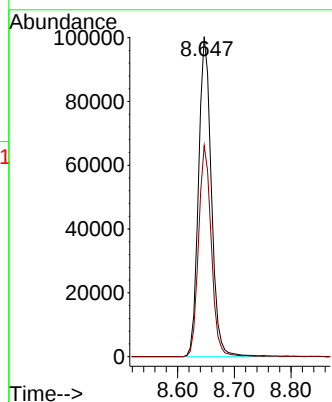
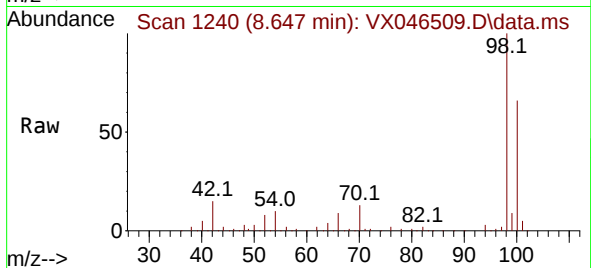




#50
Toluene-d8
Concen: 49.648 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

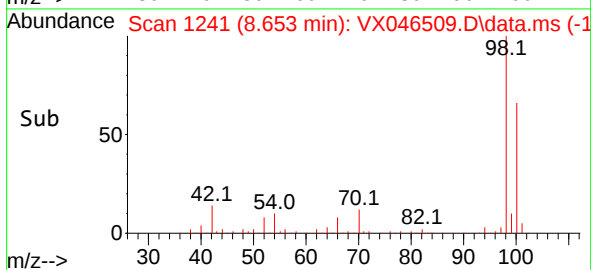
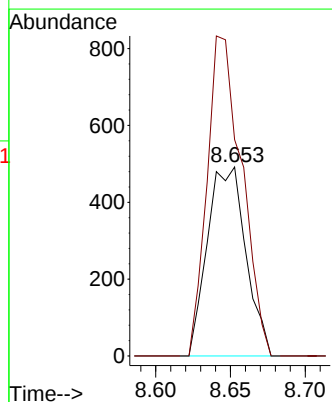
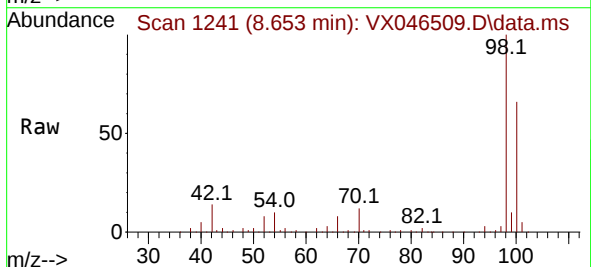
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

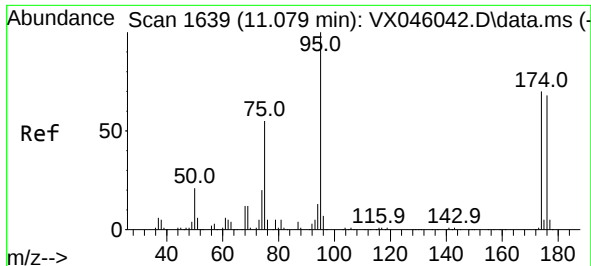
Tgt Ion: 98 Resp: 157691
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
58 152.9 28.9 43.3#

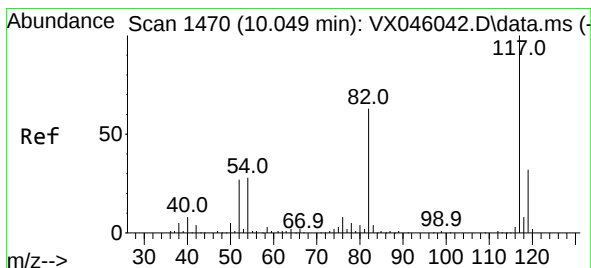
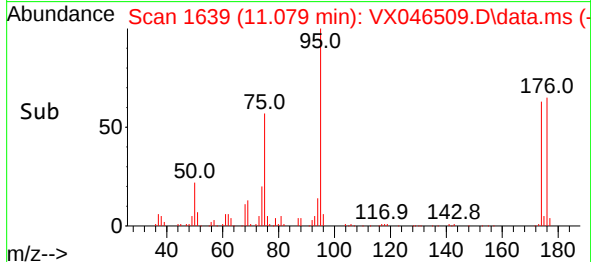
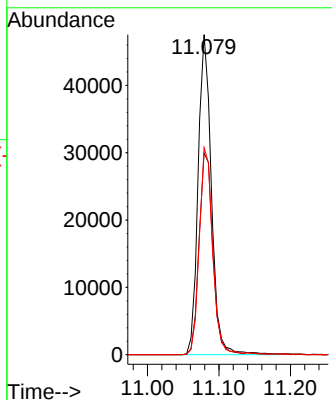
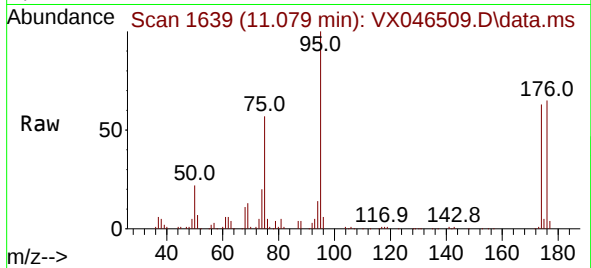




#62
4-Bromofluorobenzene
Concen: 50.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

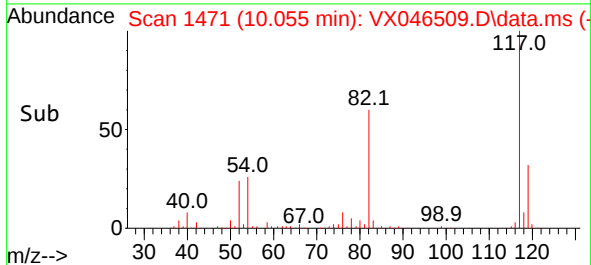
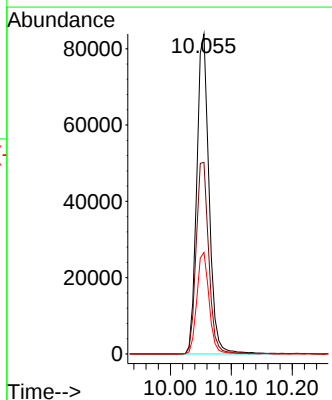
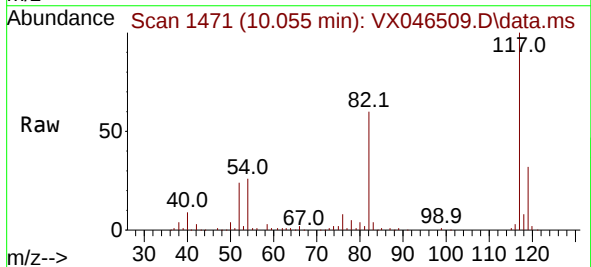
Instrument :
MSVOA_X
ClientSampleId :
MW-11B-37.5-060325DL

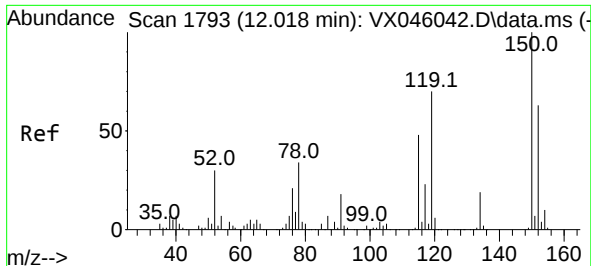
Tgt Ion: 95 Resp: 61278
Ion Ratio Lower Upper
95 100
174 65.3 0.0 135.8
176 65.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

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

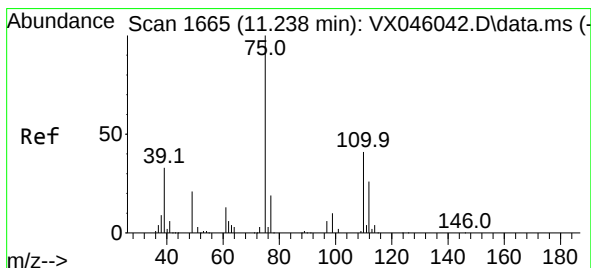
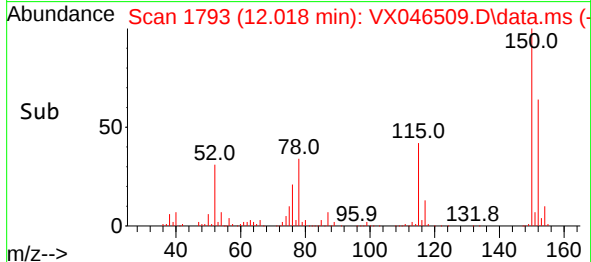
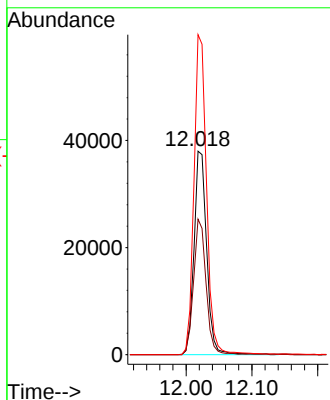
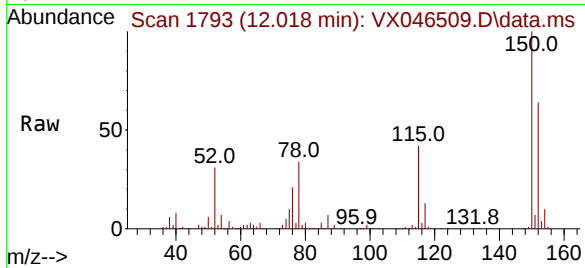




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046509.D
 Acq: 04 Jun 2025 18:36

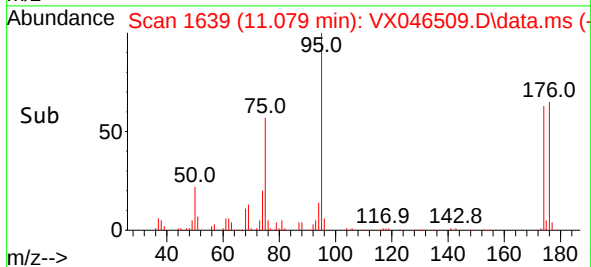
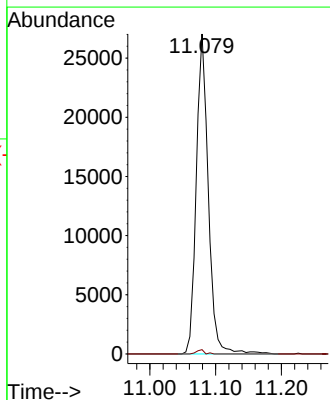
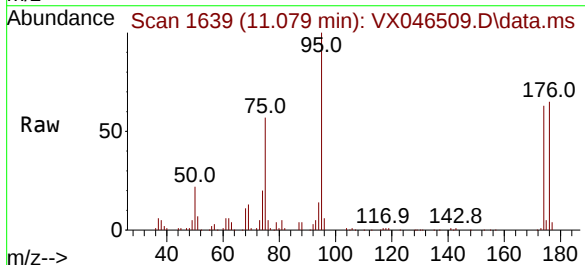
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11B-37.5-060325DL

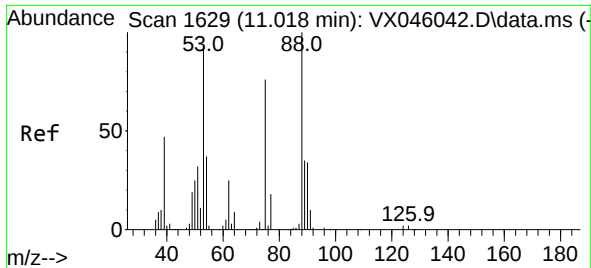
Tgt Ion:152 Resp: 50632
 Ion Ratio Lower Upper
 152 100
 115 66.2 46.9 140.7
 150 156.5 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.193 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046509.D
 Acq: 04 Jun 2025 18:36

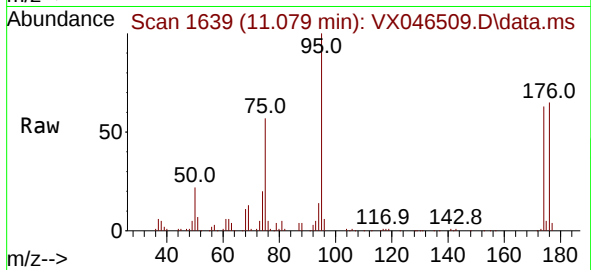
Tgt Ion: 75 Resp: 34360
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.788 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046509.D
Acq: 04 Jun 2025 18:36

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



Tgt Ion: 75 Resp: 34360
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

