

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046505.D
 Acq On : 04 Jun 2025 17:01
 Operator : JC/MD
 Sample : Q2201-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-6.5-060325

Quant Time: Jun 05 02:02:01 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)

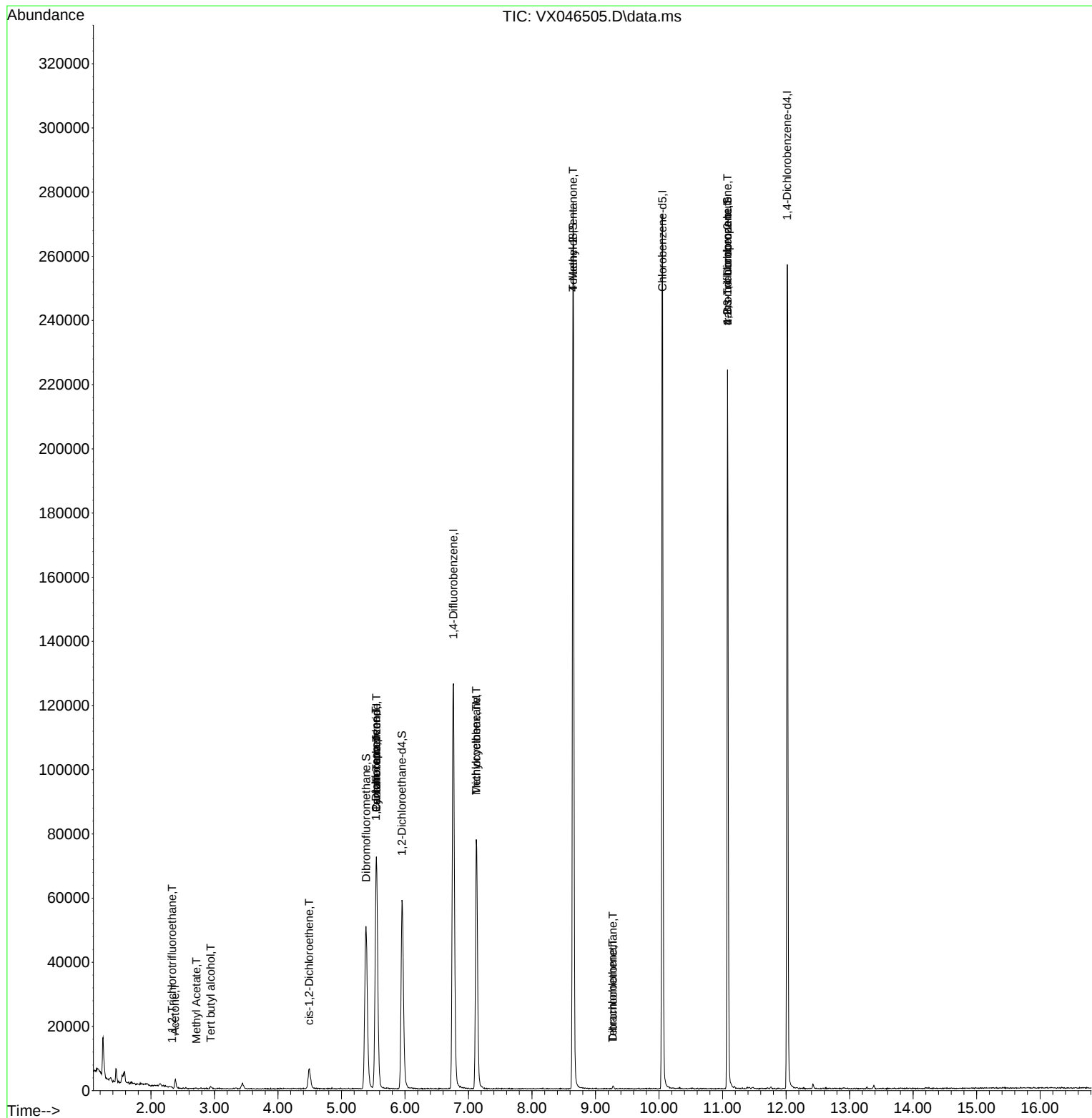
Internal Standards						
1) Pentafluorobenzene	5.550	168	62450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59937	51.480	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.960%		
35) Dibromofluoromethane	5.385	113	44599	50.421	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.840%		
50) Toluene-d8	8.647	98	153105	50.010	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.020%		
62) 4-Bromofluorobenzene	11.079	95	59280	50.480	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.960%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	187	0.237	ug/l #	52
11) Tert butyl alcohol	2.940	59	228	1.395	ug/l #	72
16) Acetone	2.380	43	2867	6.142	ug/l	95
18) Methyl Acetate	2.715	43	266	0.246	ug/l #	55
27) cis-1,2-Dichloroethene	4.489	96	3959	4.416	ug/l	87
31) Cyclohexane	5.550	56	1736	1.251	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6043	5.085	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7316	5.479	ug/l #	16
39) Methylcyclohexane	7.123	83	363	0.237	ug/l #	1
44) Trichloroethene	7.123	130	29049	34.672	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	920	0.619	ug/l #	1
60) Dibromochloromethane	9.275	129	208	0.225	ug/l #	10
64) Tetrachloroethene	9.269	164	170	0.210	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	33724	28.703	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33724	93.448	ug/l #	1

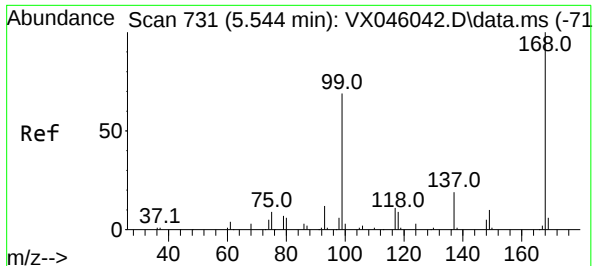
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
Data File : VX046505.D
Acq On : 04 Jun 2025 17:01
Operator : JC/MD
Sample : Q2201-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

Quant Time: Jun 05 02:02:01 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

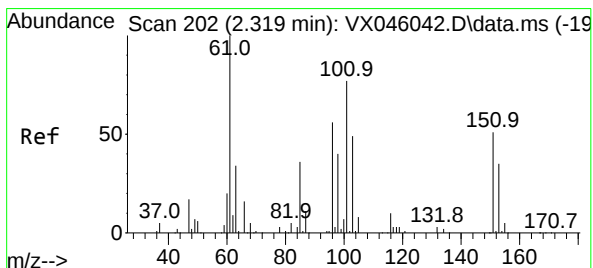
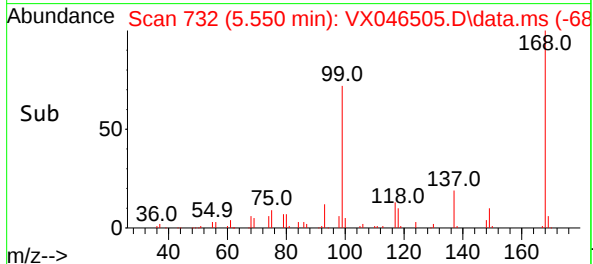
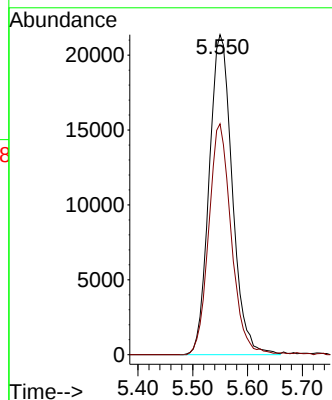
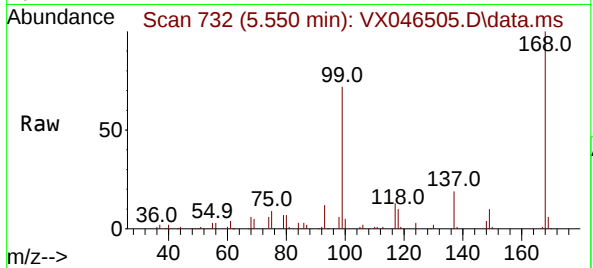




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

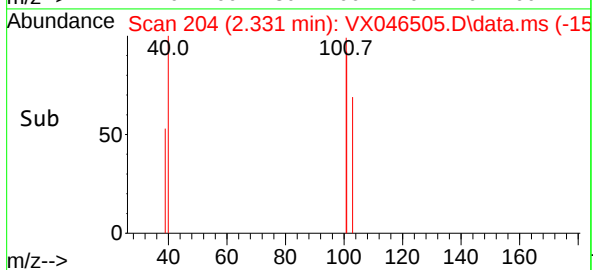
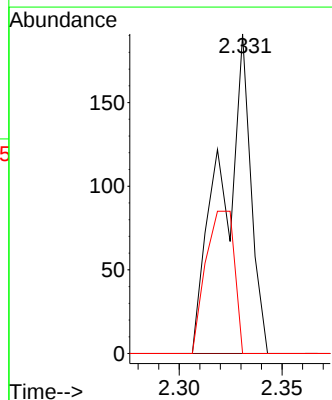
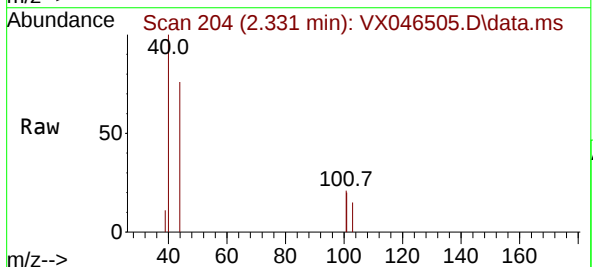
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

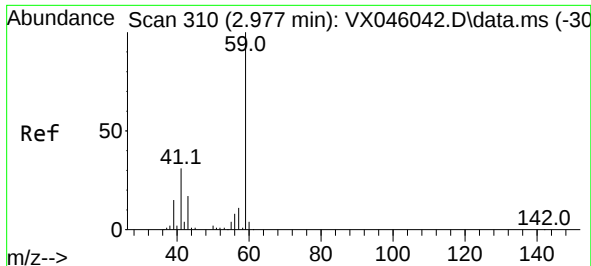
Tgt Ion:168 Resp: 62450
Ion Ratio Lower Upper
168 100
99 72.2 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.237 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.012 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion:101 Resp: 187
Ion Ratio Lower Upper
101 100
85 0.0 38.6 58.0#
151 43.9 55.2 82.8#





#11

Tert butyl alcohol

Concen: 1.395 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX046505.D

Acq: 04 Jun 2025 17:01

Instrument :

MSVOA_X

ClientSampleId :

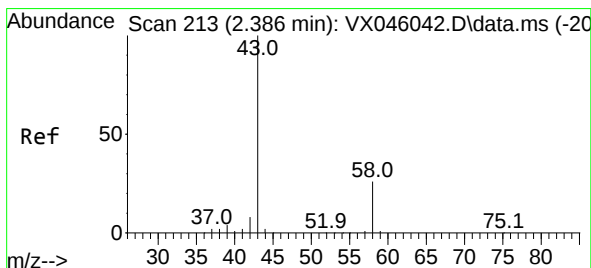
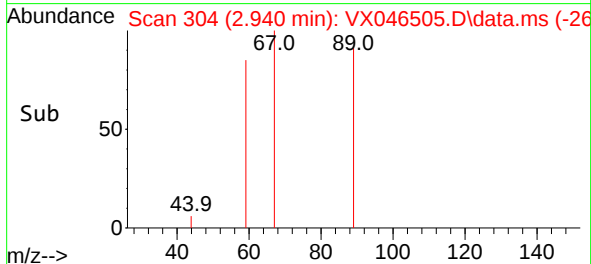
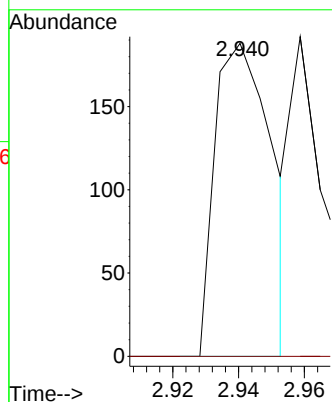
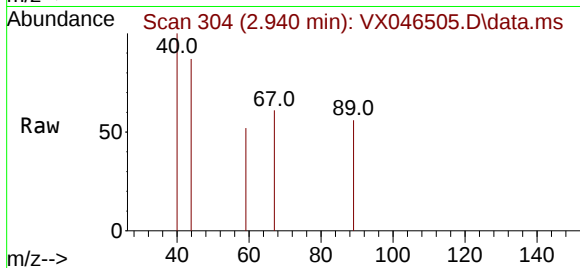
MW-01-6.5-060325

Tgt Ion: 59 Resp: 228

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 6.142 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046505.D

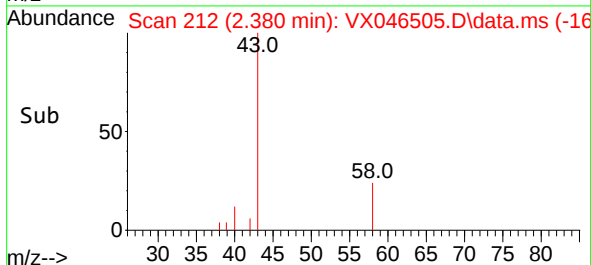
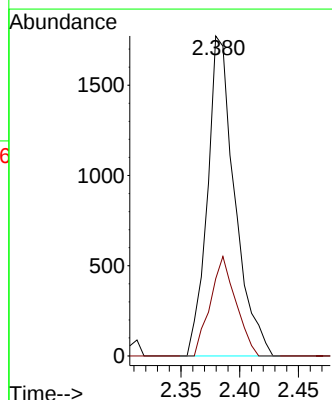
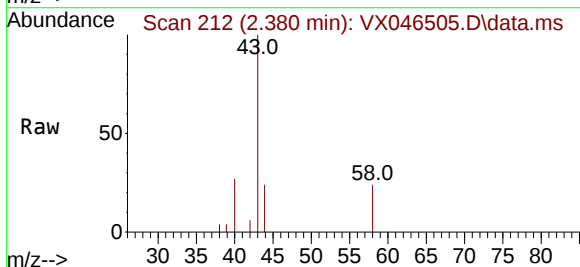
Acq: 04 Jun 2025 17:01

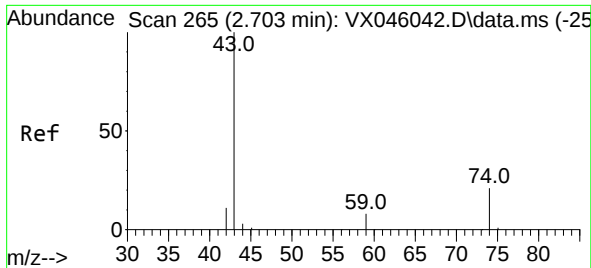
Tgt Ion: 43 Resp: 2867

Ion Ratio Lower Upper

43 100

58 24.1 21.2 31.8

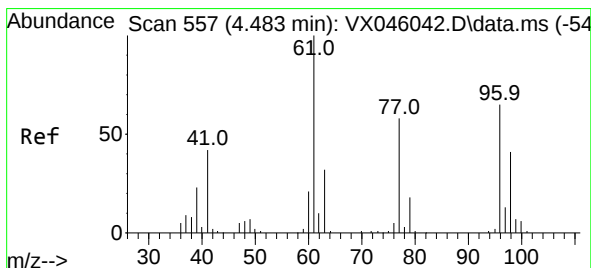
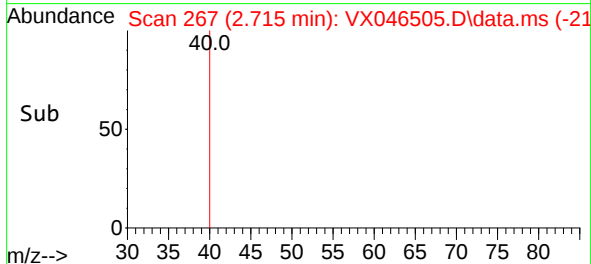
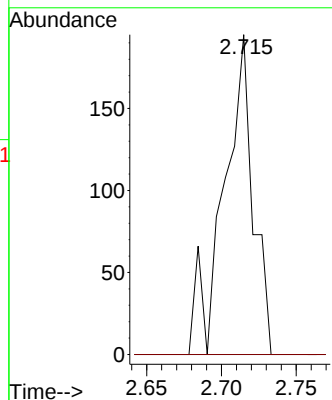
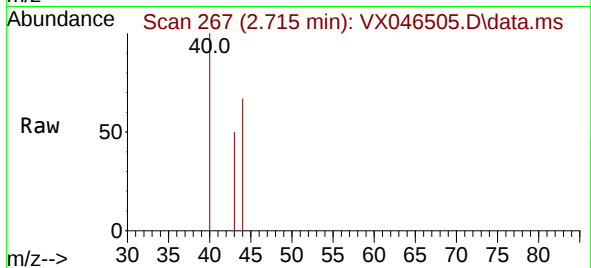




#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

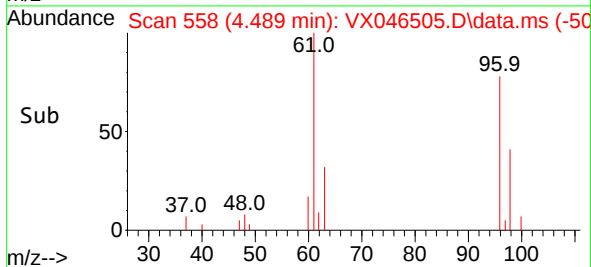
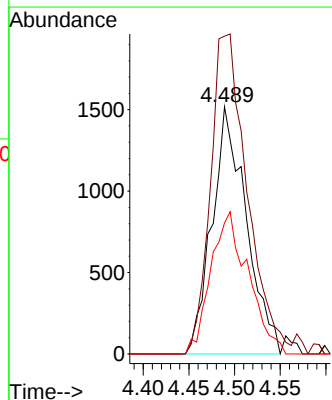
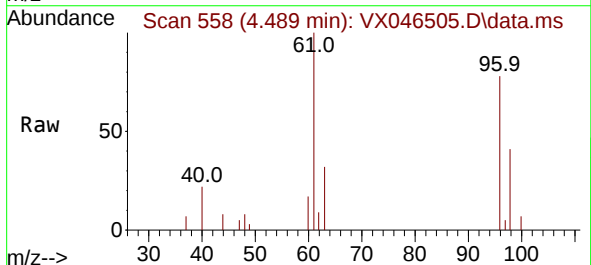
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

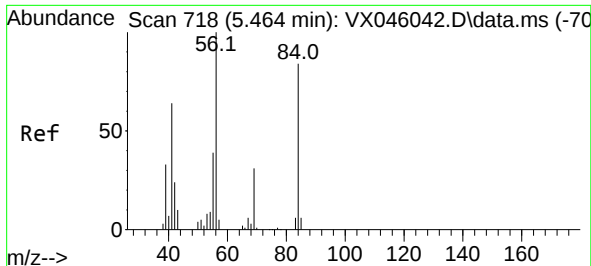
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#27
cis-1,2-Dichloroethene
Concen: 4.416 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion: 96 Resp: 3959
Ion Ratio Lower Upper
96 100
61 138.4 0.0 322.8
98 62.8 0.0 129.0

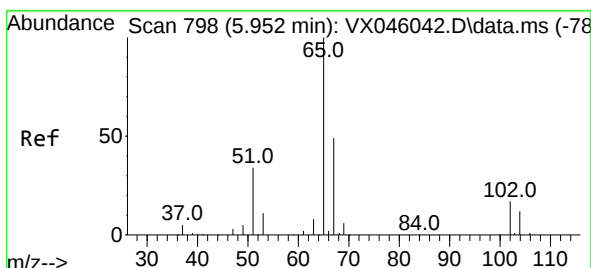
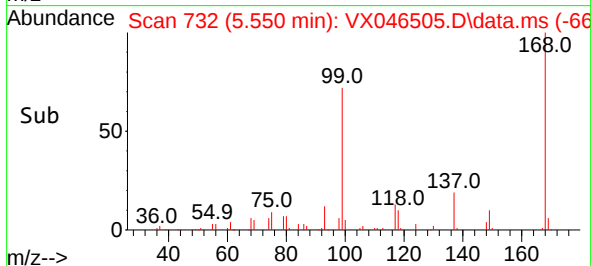
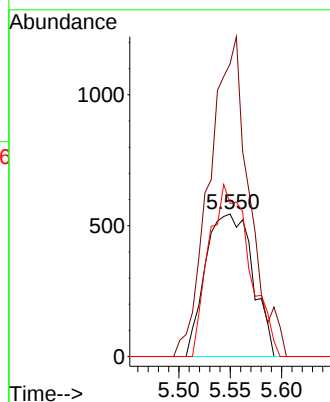
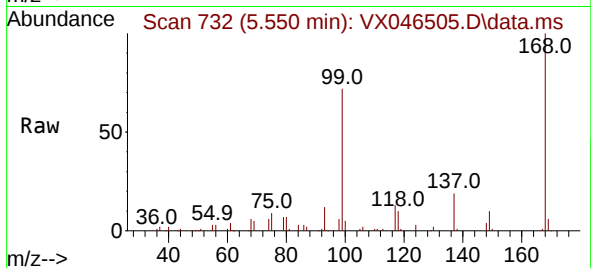




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

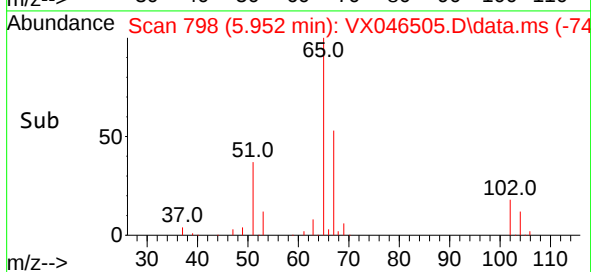
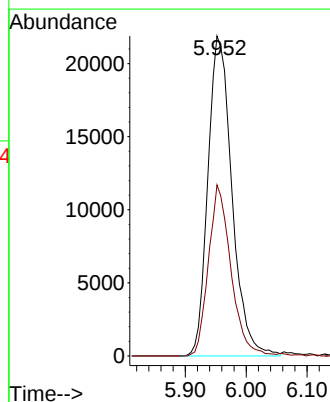
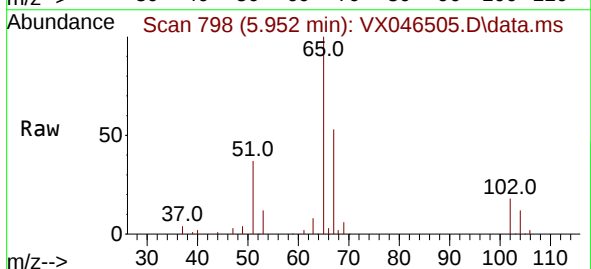
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

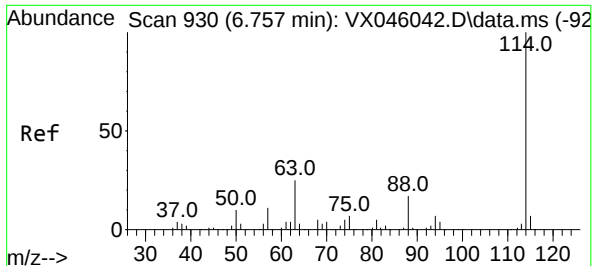
Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
69 193.8 24.4 36.6#
84 107.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.480 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion: 65 Resp: 59937
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

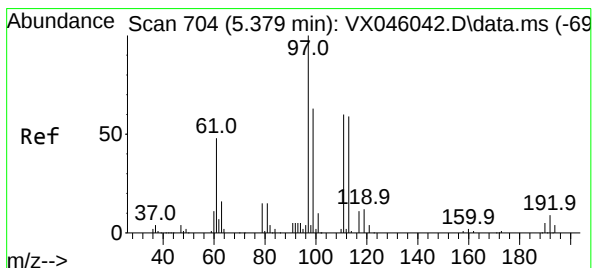
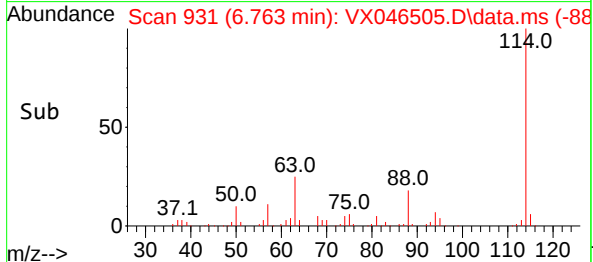
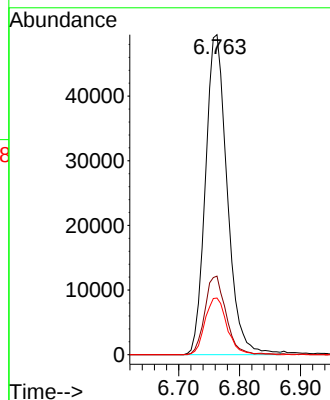
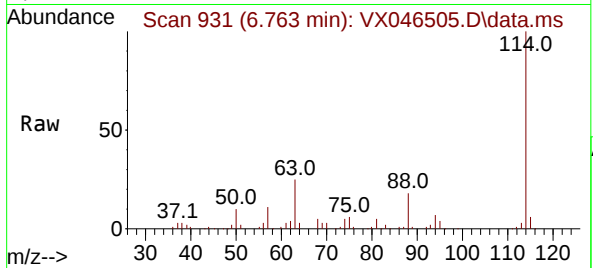




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

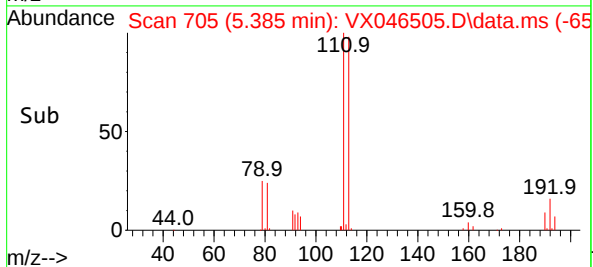
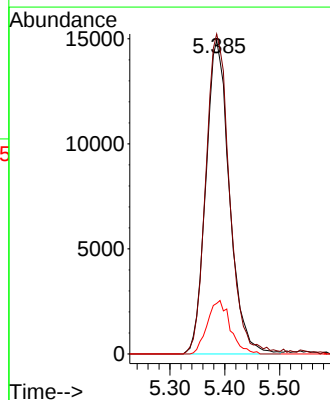
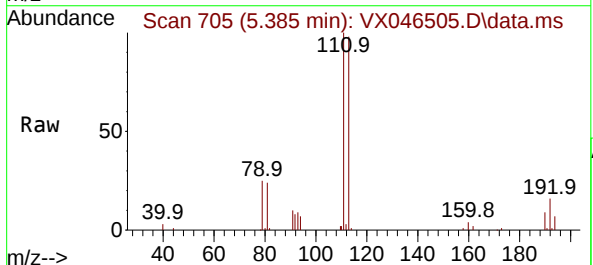
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

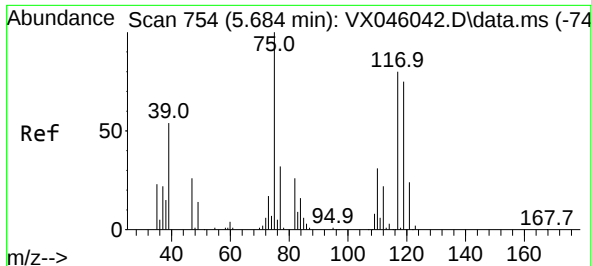
Tgt Ion:	114	Resp:	122833
Ion Ratio	Lower	Upper	
114	100		
63	24.6	0.0	49.2
88	17.7	0.0	33.6



#35
Dibromofluoromethane
Concen: 50.421 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion:	113	Resp:	44599
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.1	124.7
192	16.6	13.3	19.9

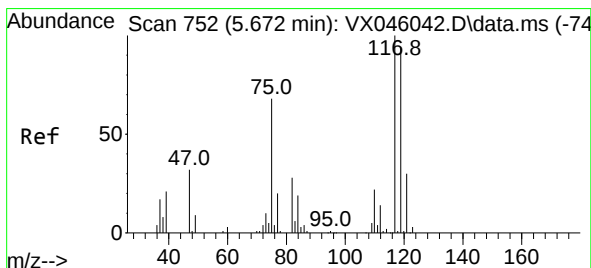
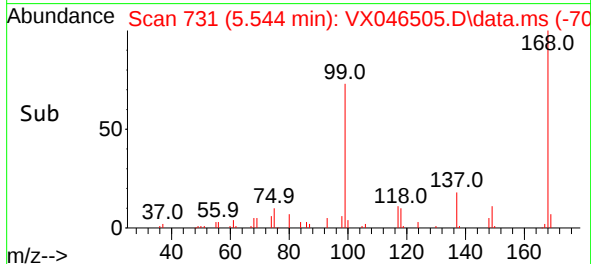
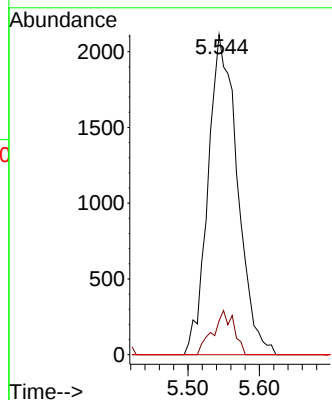
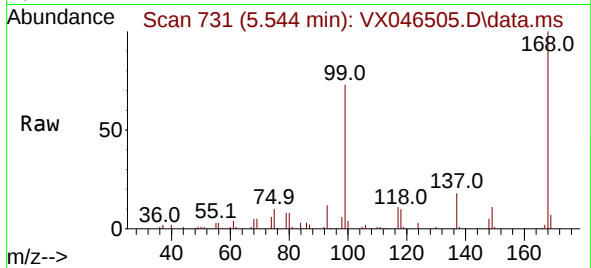




#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

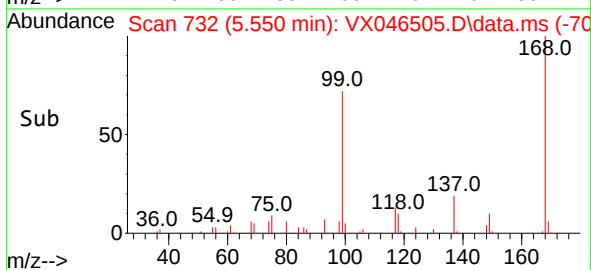
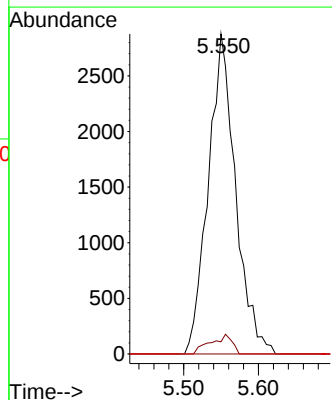
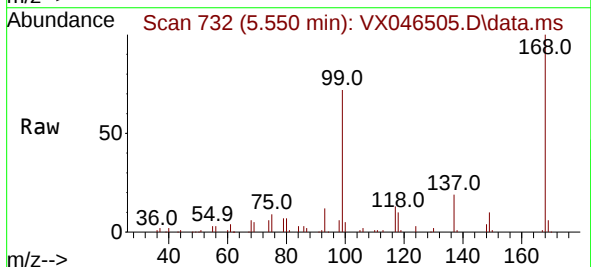
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

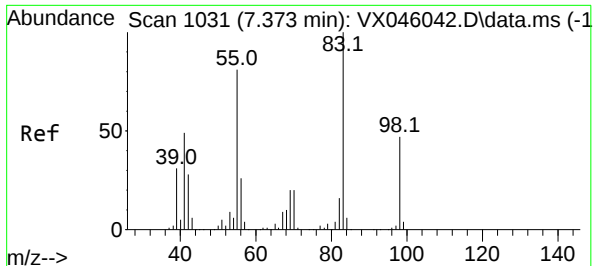
Tgt Ion: 75 Resp: 6043
Ion Ratio Lower Upper
75 100
110 9.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion: 117 Resp: 7316
Ion Ratio Lower Upper
117 100
119 3.8 75.2 112.8#
121 0.0 24.2 36.4#





#39

Methylcyclohexane

Concen: 0.237 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.250 min

Lab File: VX046505.D

Acq: 04 Jun 2025 17:01

Instrument :

MSVOA_X

ClientSampleId :

MW-01-6.5-060325

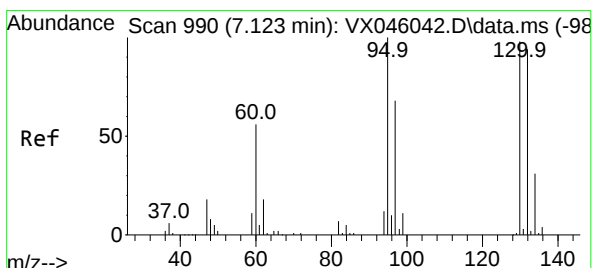
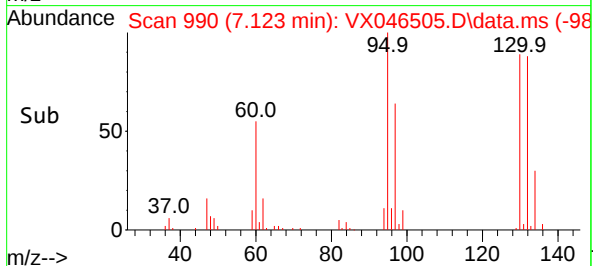
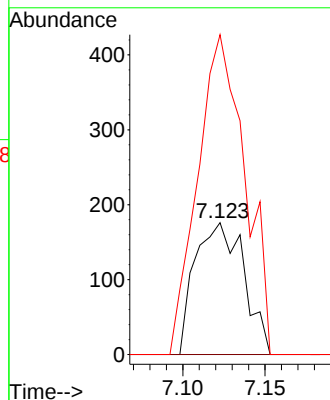
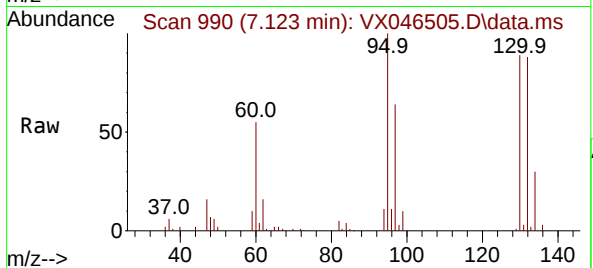
Tgt Ion: 83 Resp: 363

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 242.6 37.4 56.2#



#44

Trichloroethene

Concen: 34.672 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX046505.D

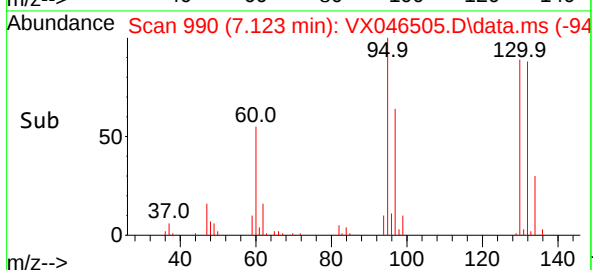
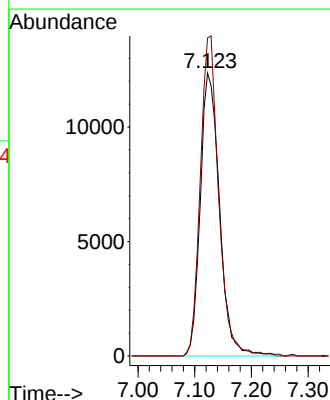
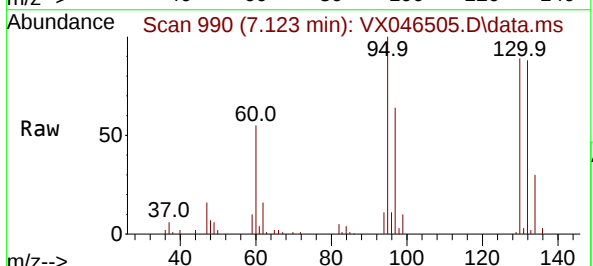
Acq: 04 Jun 2025 17:01

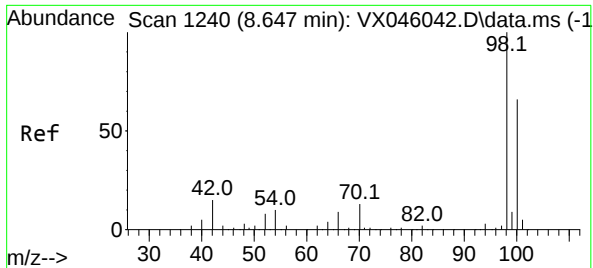
Tgt Ion:130 Resp: 29049

Ion Ratio Lower Upper

130 100

95 112.4 0.0 204.2

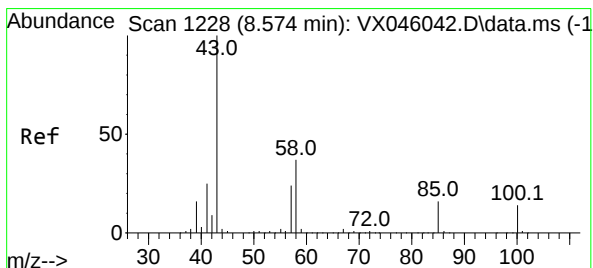
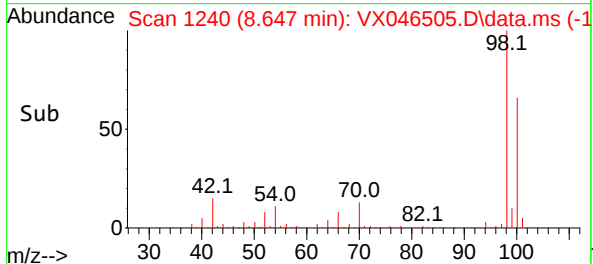
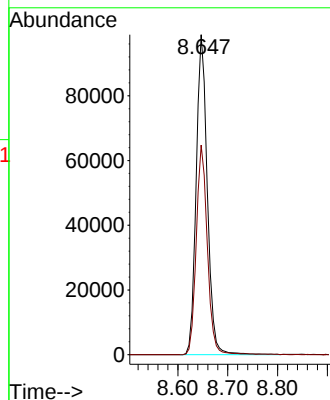
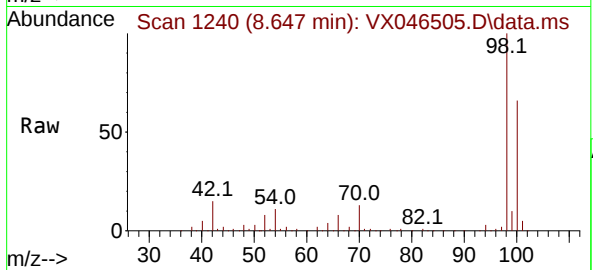




#50
Toluene-d8
Concen: 50.010 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

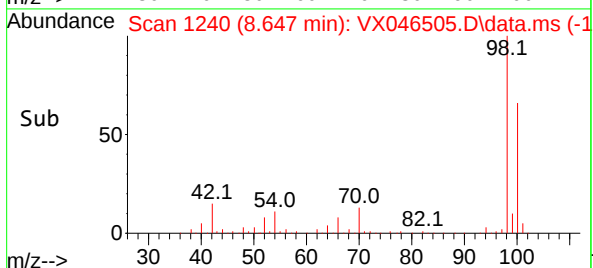
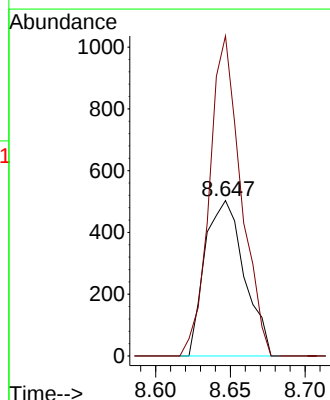
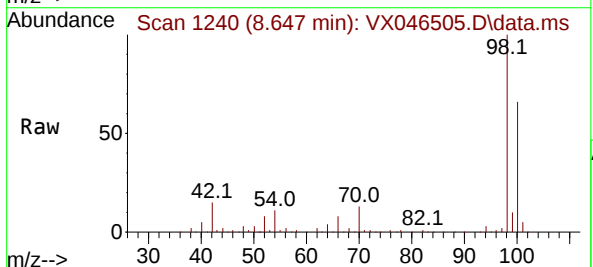
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

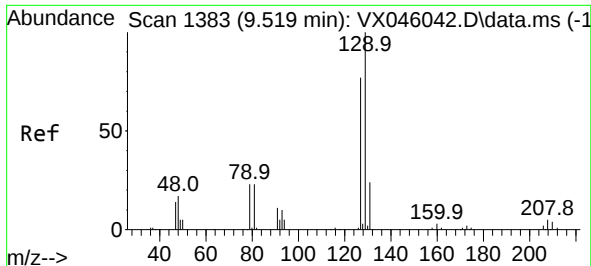
Tgt Ion: 98 Resp: 153105
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 165.5 28.9 43.3#

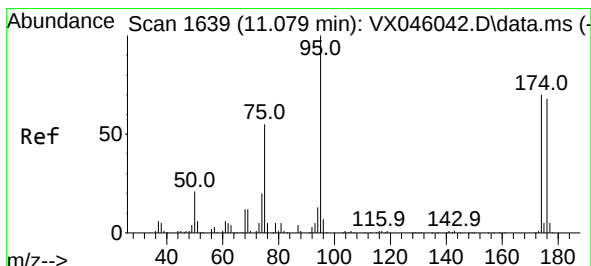
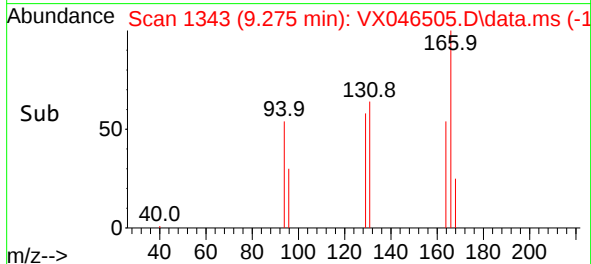
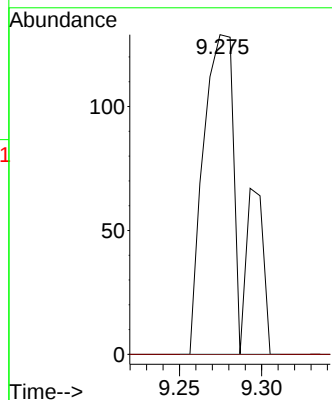
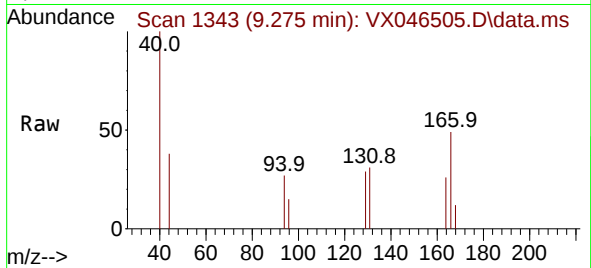




#60
Dibromochloromethane
Concen: 0.225 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

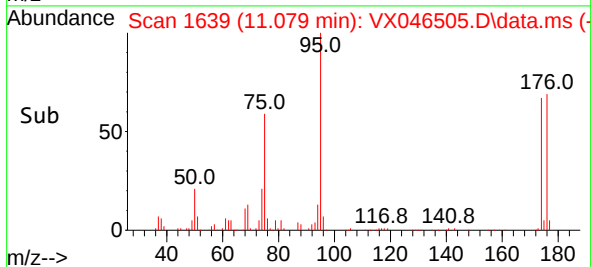
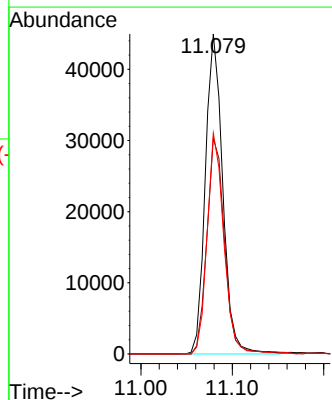
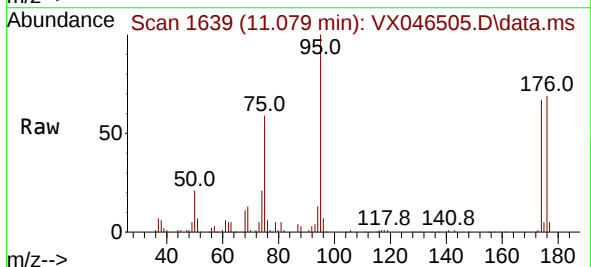
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

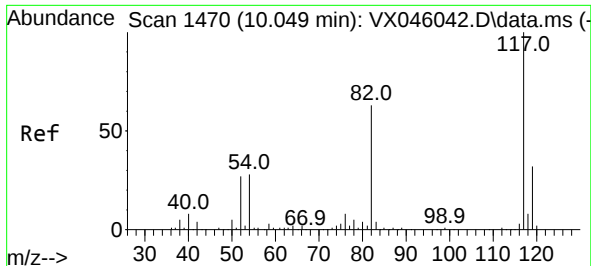
Tgt Ion:129 Resp: 208
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 50.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion: 95 Resp: 59280
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.2 0.0 131.4

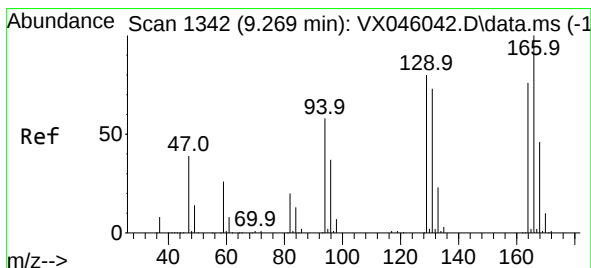
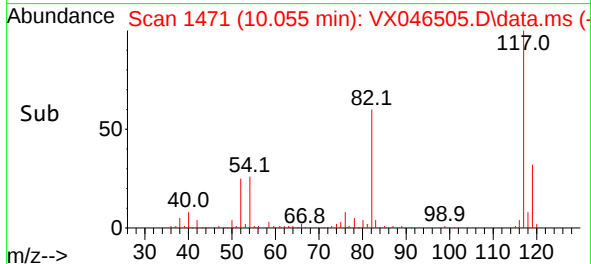
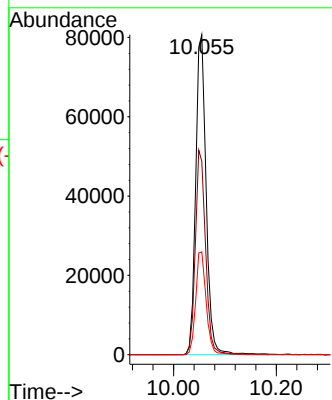
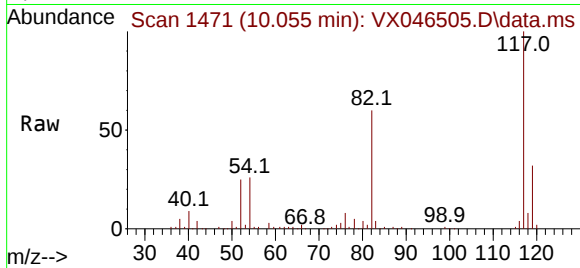




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

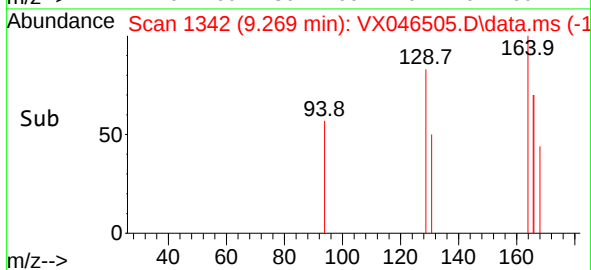
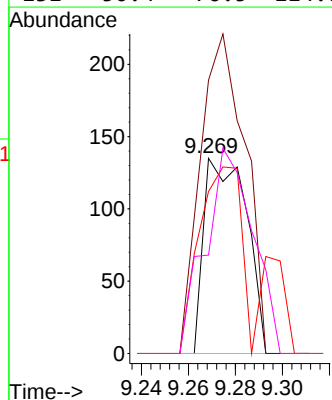
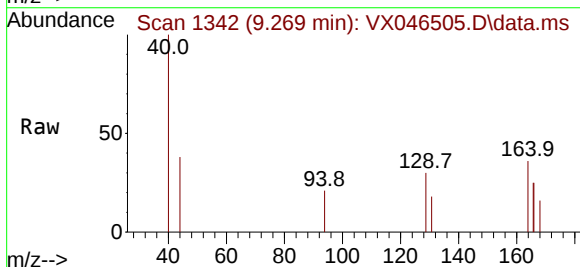
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

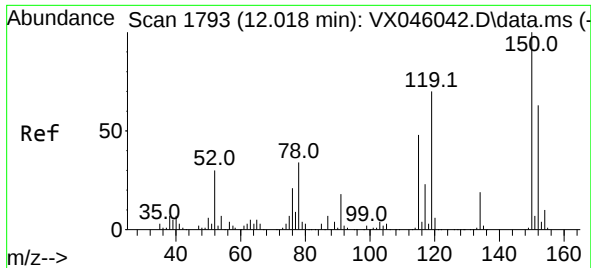
Tgt Ion:117 Resp: 114448
Ion Ratio Lower Upper
117 100
82 60.4 50.6 76.0
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 0.210 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Tgt Ion:164 Resp: 170
Ion Ratio Lower Upper
164 100
166 140.0 105.0 157.6
129 83.0 83.5 125.3#
131 50.4 76.5 114.7#

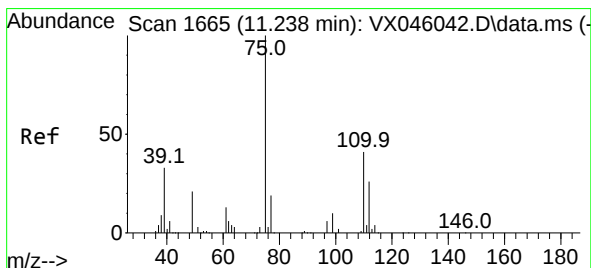
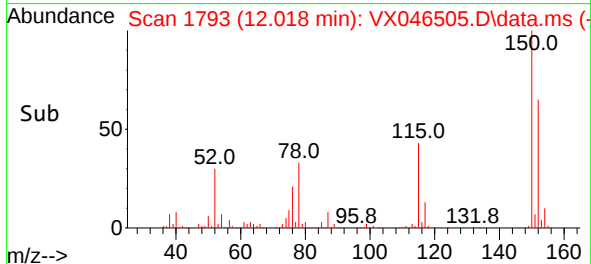
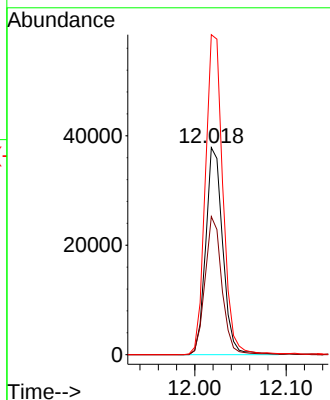
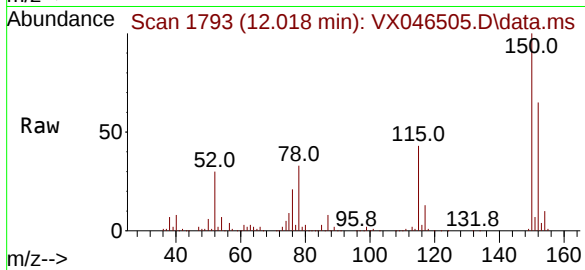




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

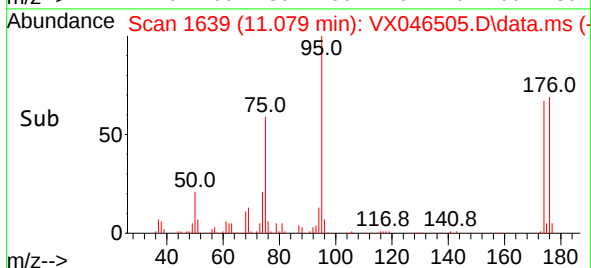
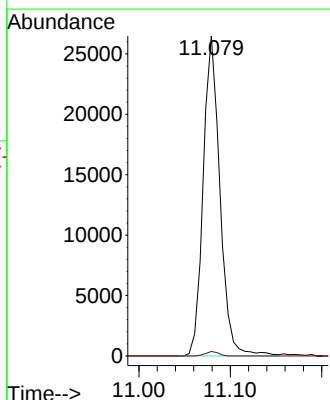
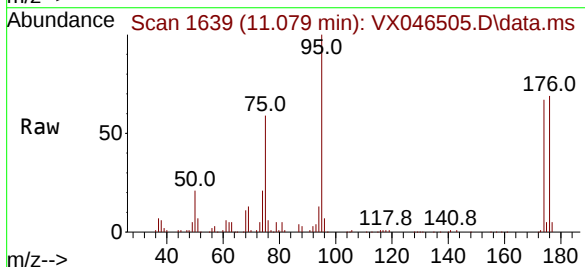
Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325

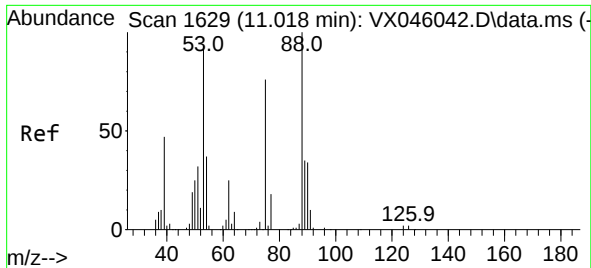
Tgt Ion:152 Resp: 48812
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 159.2 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

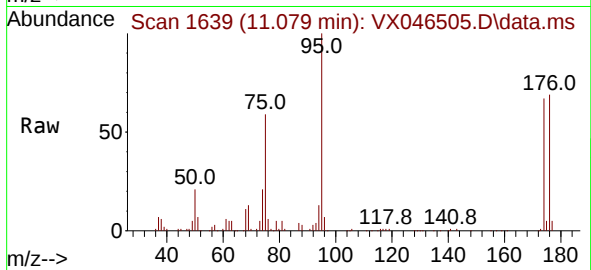
Tgt Ion: 75 Resp: 33724
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.448 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046505.D
Acq: 04 Jun 2025 17:01

Instrument :
MSVOA_X
ClientSampleId :
MW-01-6.5-060325



Tgt Ion: 75 Resp: 33724
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.2 37.0 55.6#

