

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046666.D
 Acq On : 12 Jun 2025 16:10
 Operator : JC/MD
 Sample : Q2275-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-060925

Quant Time: Jun 13 01:45:41 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)

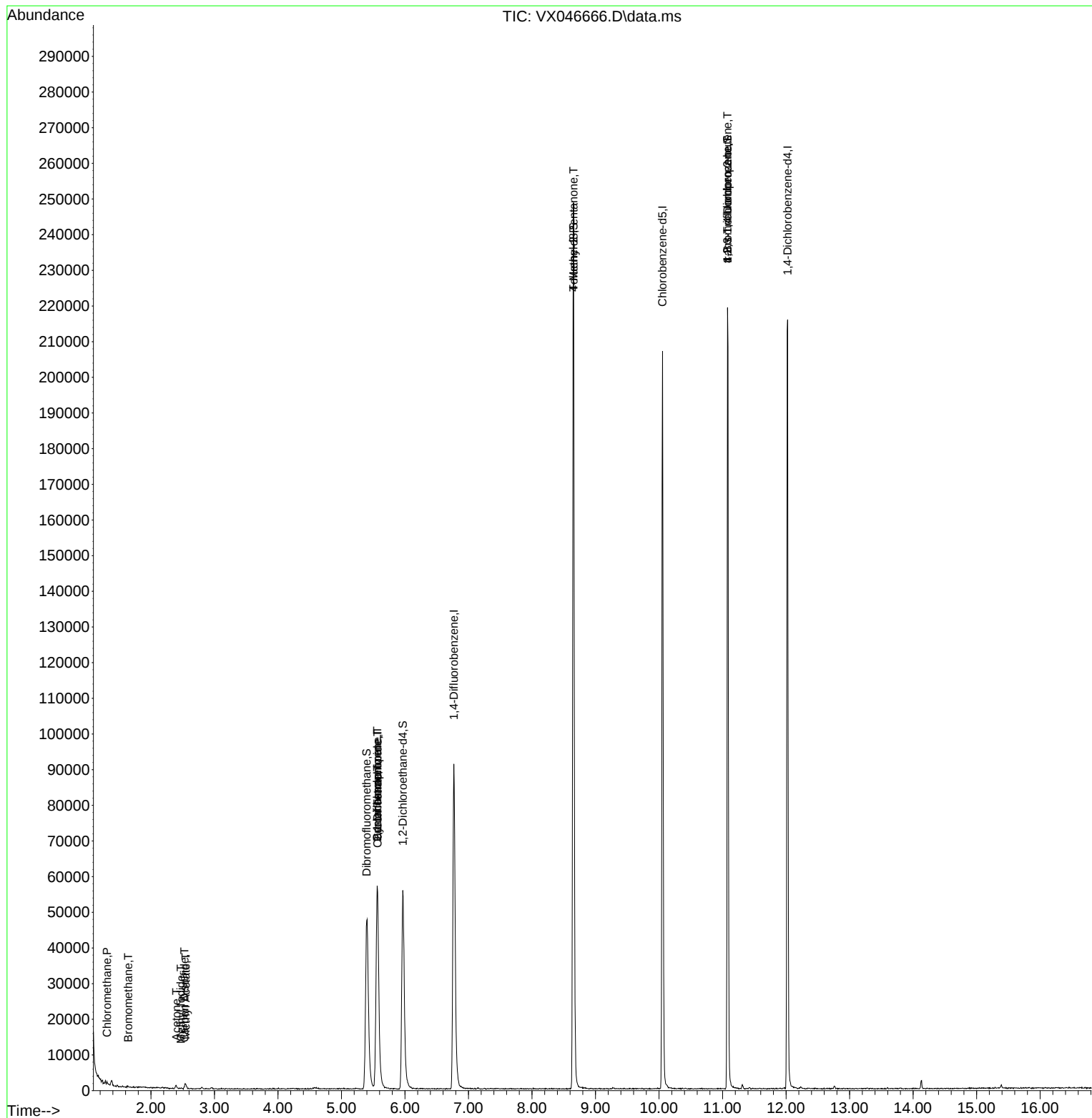
Internal Standards						
1) Pentafluorobenzene	5.562	168	56691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	96683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58286	57.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.580%	
35) Dibromofluoromethane	5.397	113	47119	66.271	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 132.540%#	
50) Toluene-d8	8.653	98	149280	63.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 127.360%#	
62) 4-Bromofluorobenzene	11.079	95	62307	64.244	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 128.480%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	479	0.669	ug/l #	69
5) Bromomethane	1.642	94	98	0.226	ug/l	90
10) Methyl Iodide	2.471	142	242	0.300	ug/l #	69
16) Acetone	2.398	43	1332	7.896	ug/l	98
17) Carbon Disulfide	2.526	76	322	0.427	ug/l #	76
18) Methyl Acetate	2.544	43	467	0.389	ug/l #	55
31) Cyclohexane	5.562	56	1330	1.134	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	4716	4.643	ug/l #	51
38) Carbon Tetrachloride	5.568	117	6086	5.350	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	749	0.682	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31865	32.628	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31865	94.120	ug/l #	1

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

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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

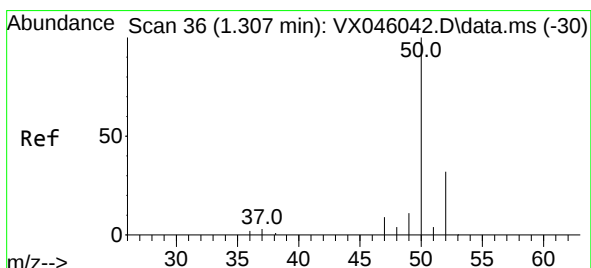
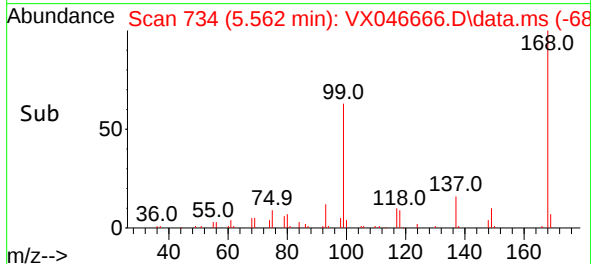
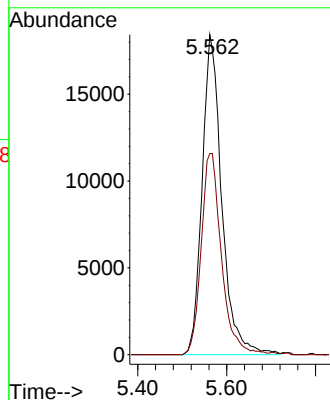
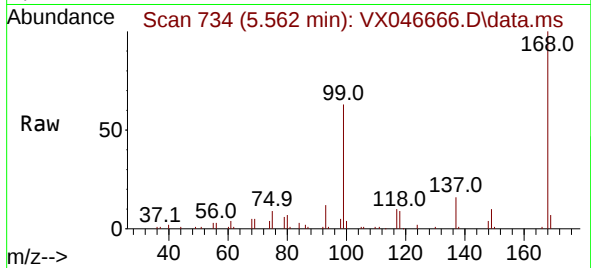




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

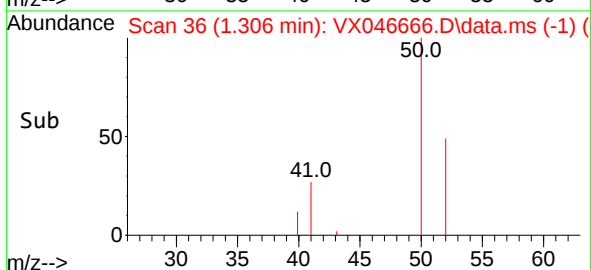
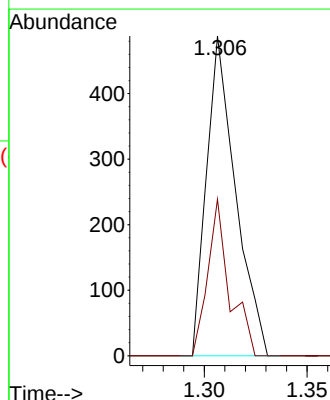
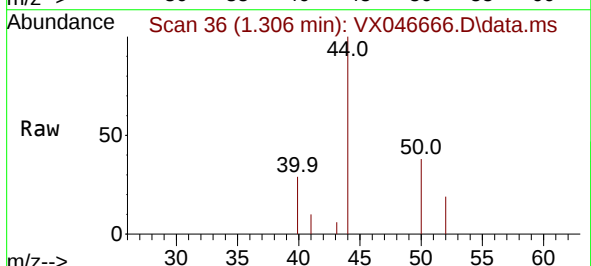
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

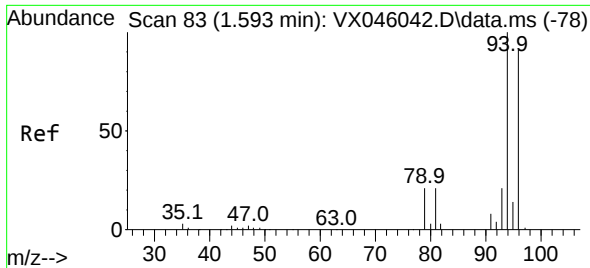
Tgt Ion:168 Resp: 56691
Ion Ratio Lower Upper
168 100
99 62.8 54.9 82.3



#3
Chloromethane
Concen: 0.669 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.001 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 49.0 25.4 38.2#

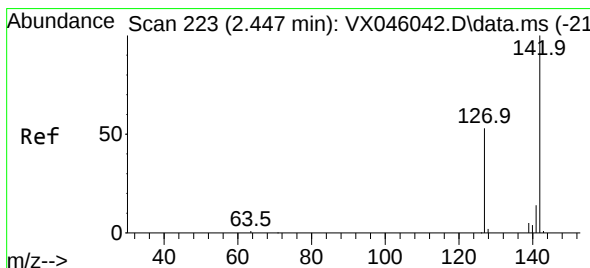
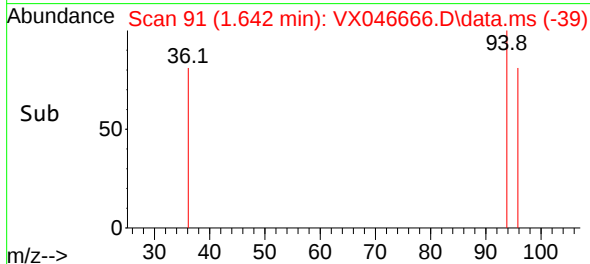
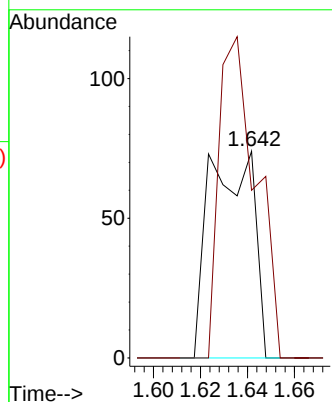
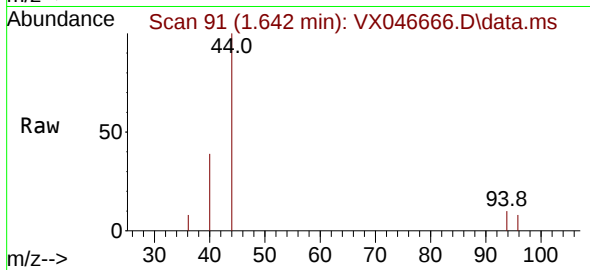




#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

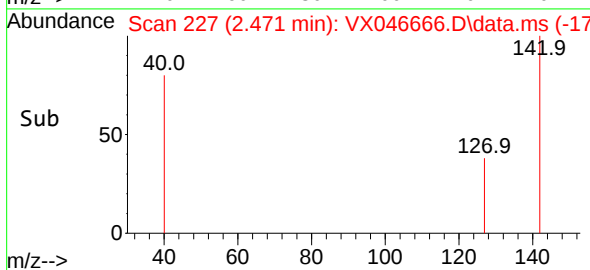
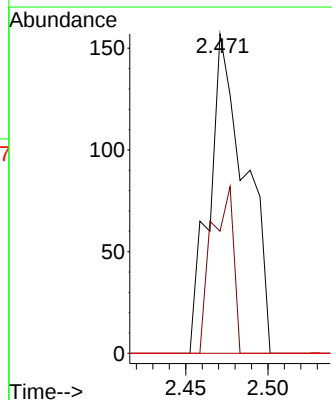
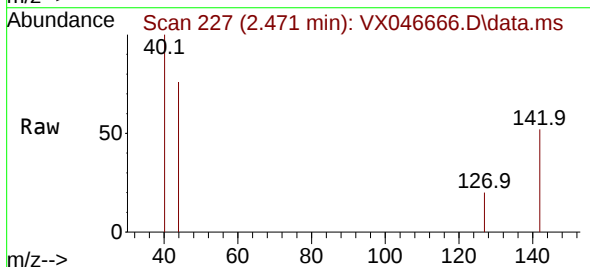
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 81.1 72.8 109.2



#10
Methyl Iodide
Concen: 0.300 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 142 Resp: 242
Ion Ratio Lower Upper
142 100
127 31.4 41.7 62.5#
141 0.0 11.5 17.3#

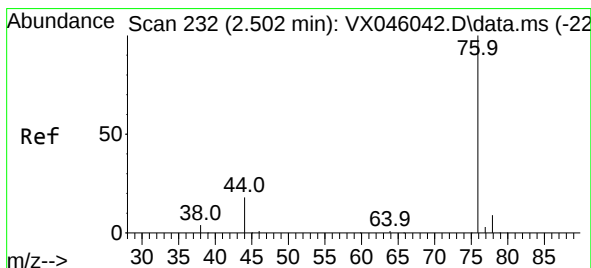
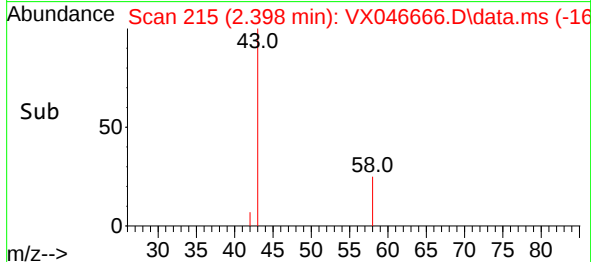
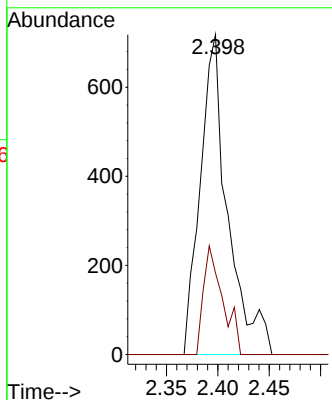
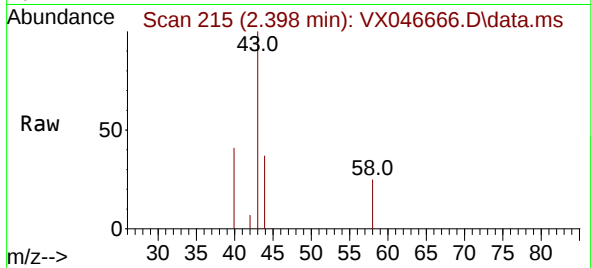




#16
Acetone
Concen: 7.896 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

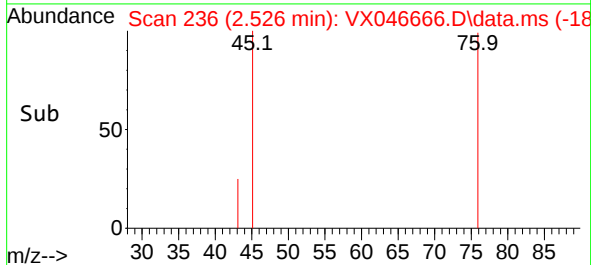
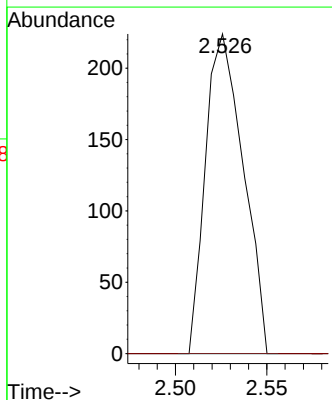
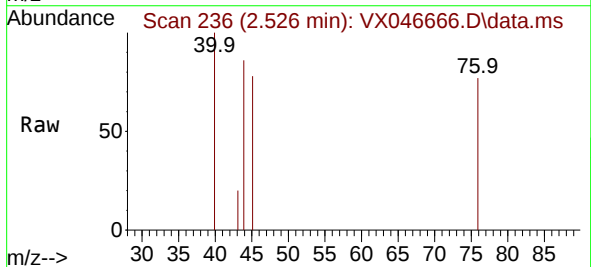
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

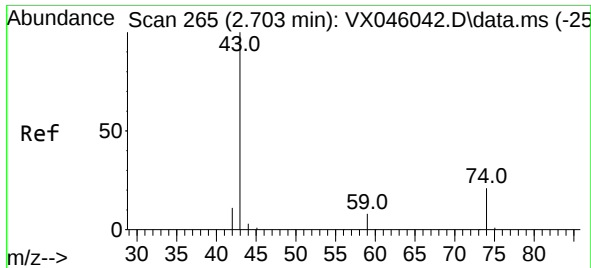
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 25.5 21.2 31.8



#17
Carbon Disulfide
Concen: 0.427 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 76 Resp: 322
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

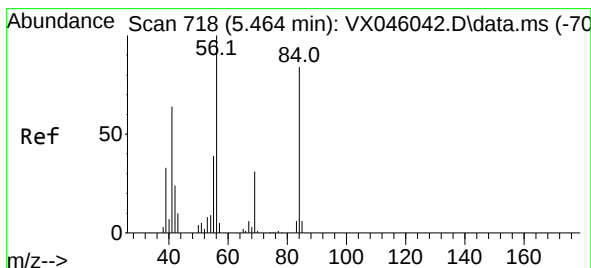
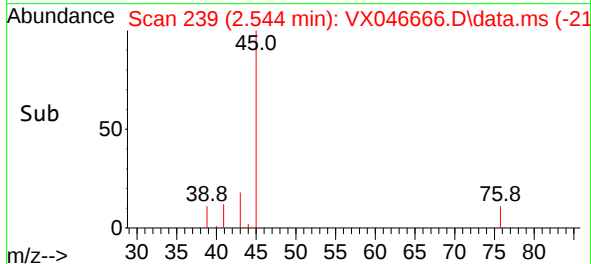
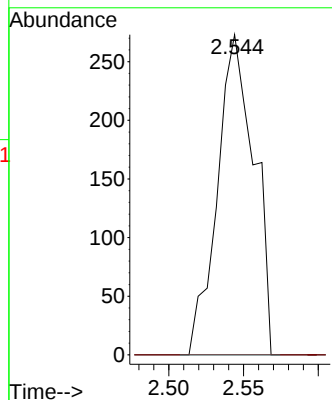
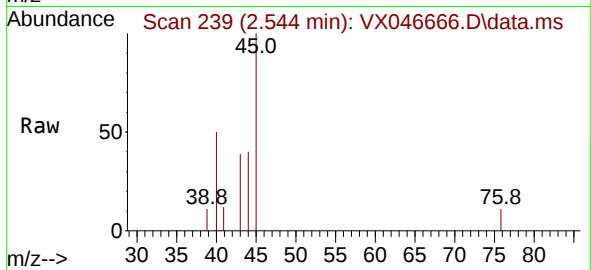




#18
Methyl Acetate
Concen: 0.389 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.177 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

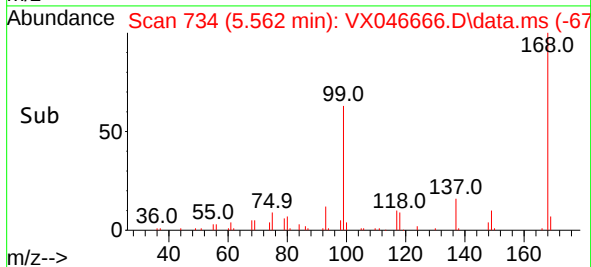
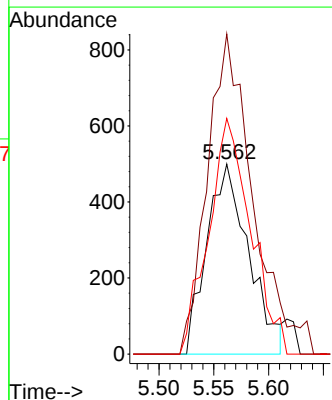
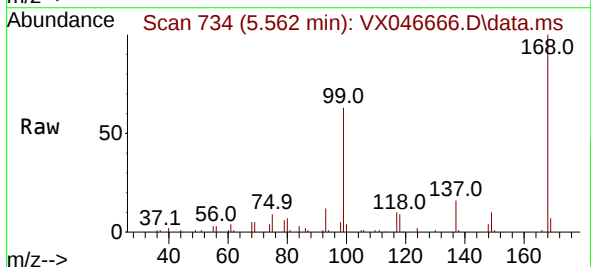
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

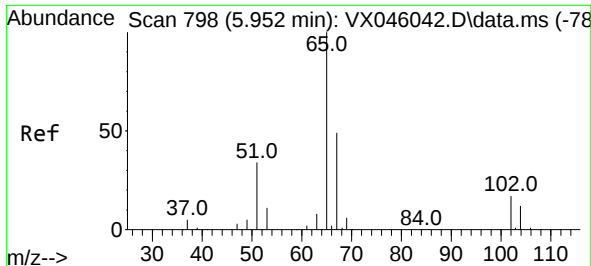
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.073 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 56 Resp: 1330
Ion Ratio Lower Upper
56 100
69 168.4 24.4 36.6#
84 124.0 66.9 100.3#

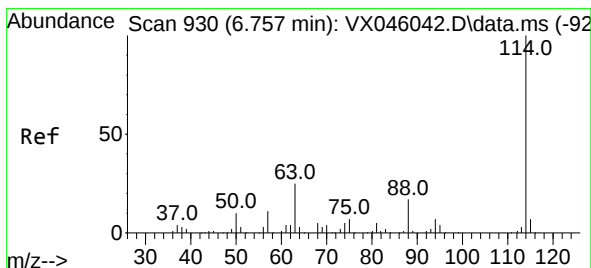
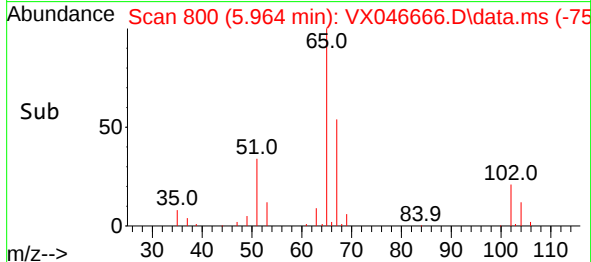
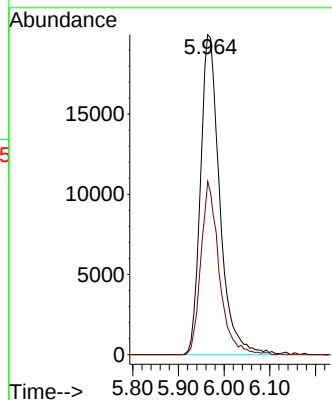
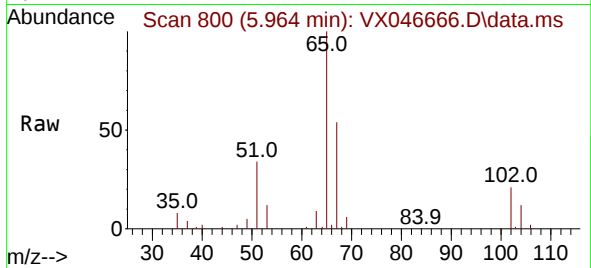




#33
1,2-Dichloroethane-d4
Concen: 57.790 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

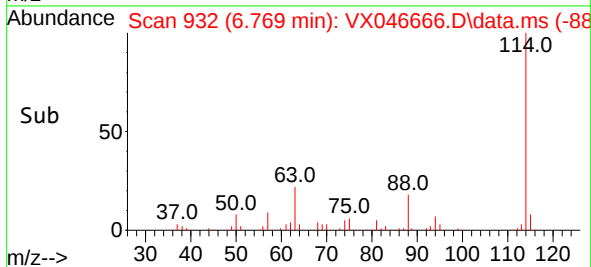
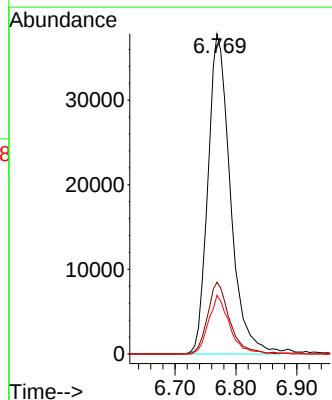
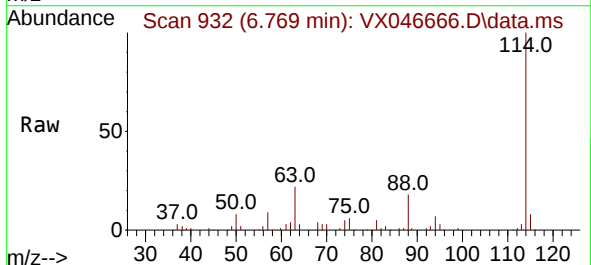
Instrument :
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ClientSampleId :
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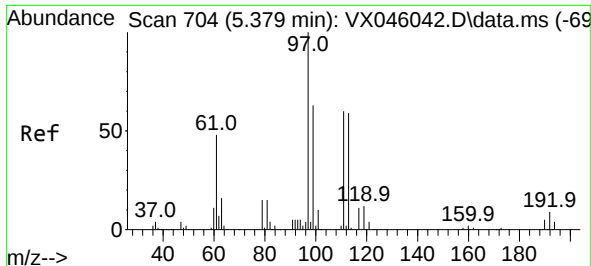
Tgt Ion: 65 Resp: 58286
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 114 Resp: 96683
Ion Ratio Lower Upper
114 100
63 22.4 0.0 49.2
88 18.3 0.0 33.6

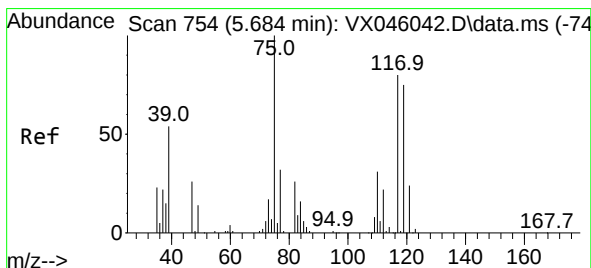
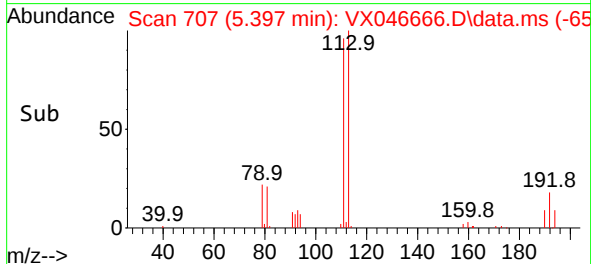
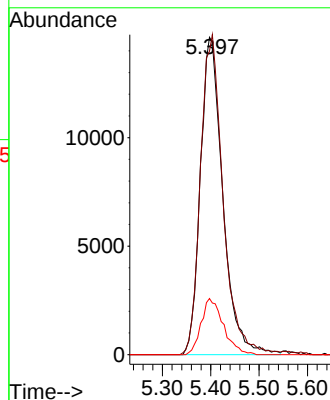
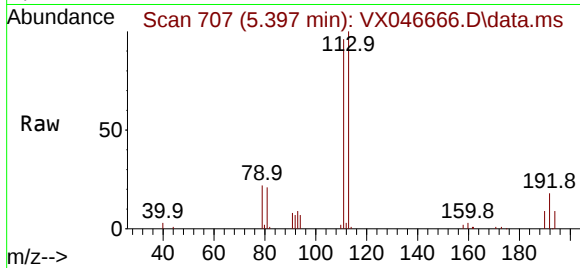




#35
Dibromofluoromethane
Concen: 66.271 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

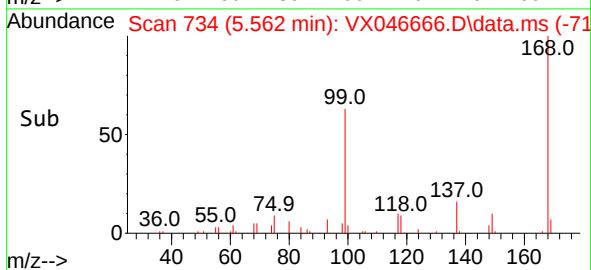
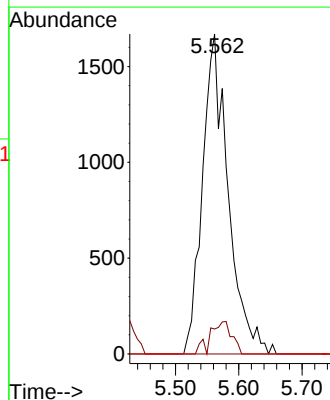
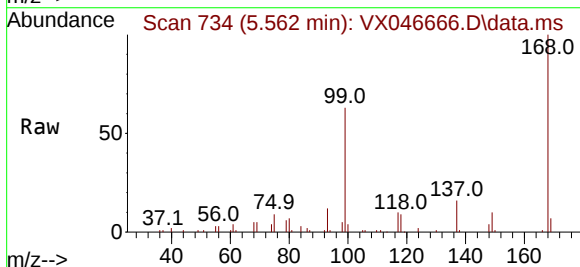
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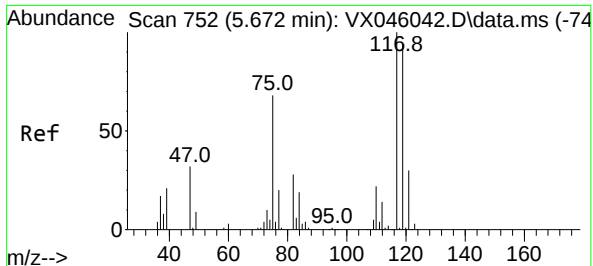
Tgt Ion:113 Resp: 47119
Ion Ratio Lower Upper
113 100
111 101.3 83.1 124.7
192 17.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.152 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

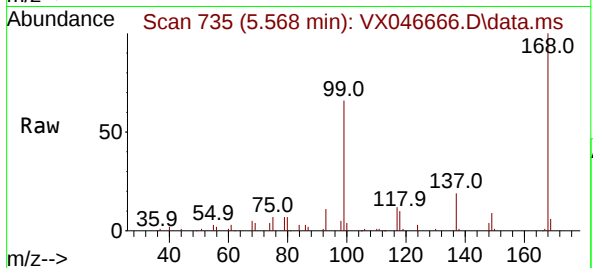
Tgt Ion: 75 Resp: 4716
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.3 36.5#



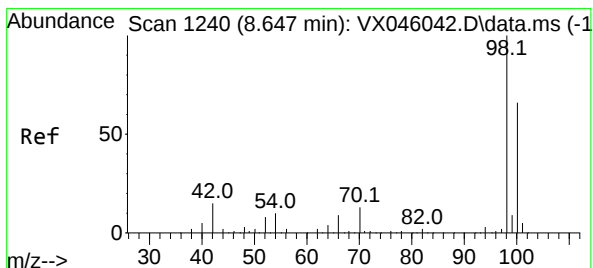
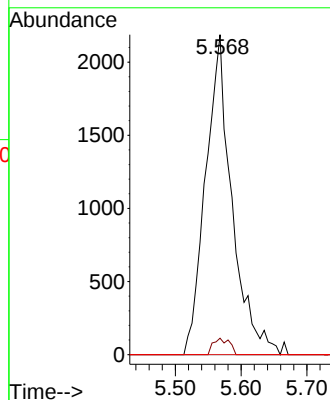
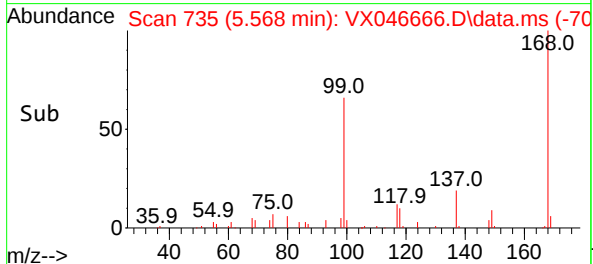


#38
Carbon Tetrachloride
Concen: 5.350 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Instrument :
MSVOA_X
ClientSampleId :
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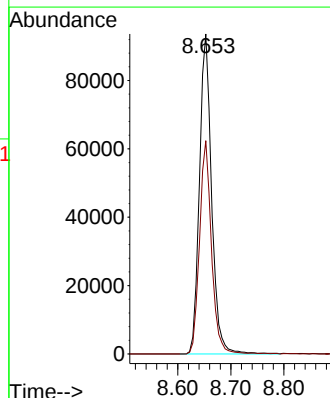
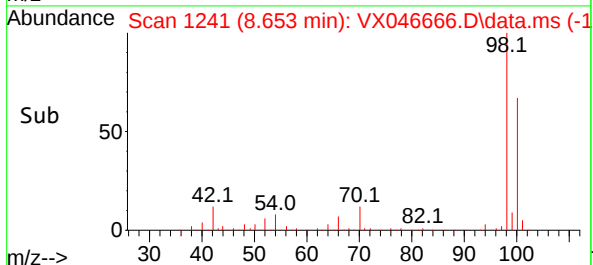
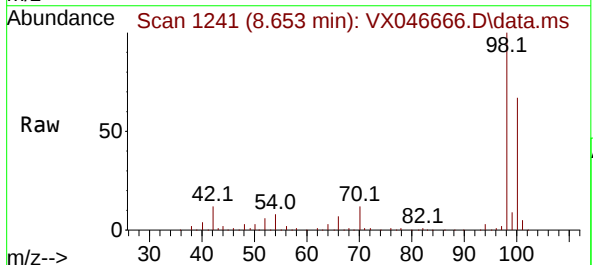


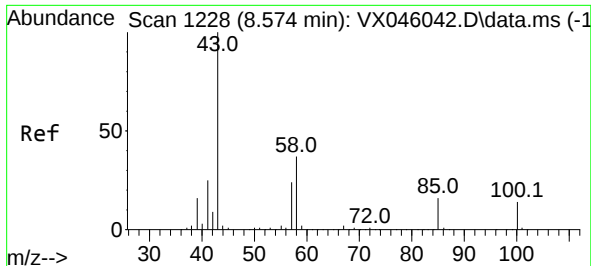
Tgt Ion:117 Resp: 6086
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 63.684 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 98 Resp: 149280
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

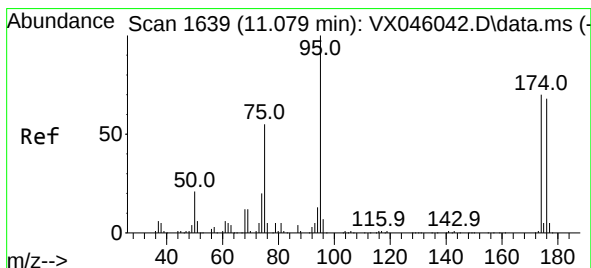
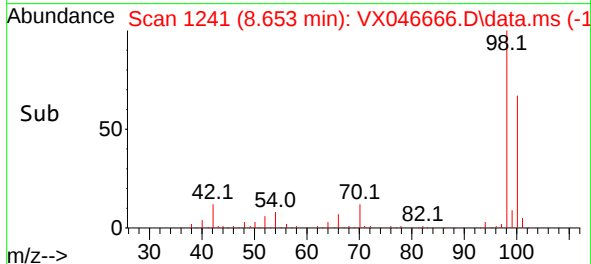
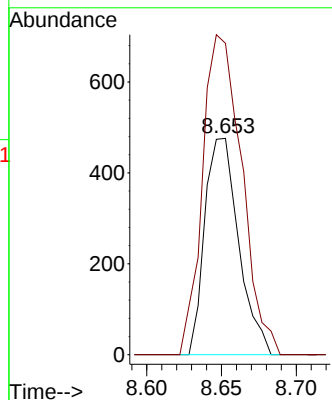
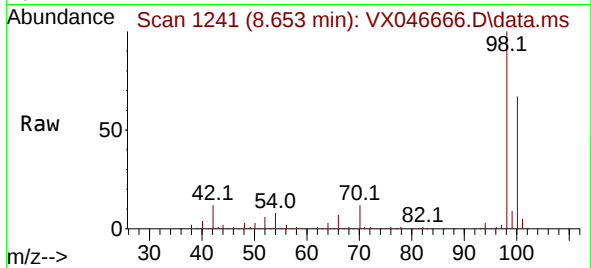




#51
4-Methyl-2-Pentanone
Concen: 0.682 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

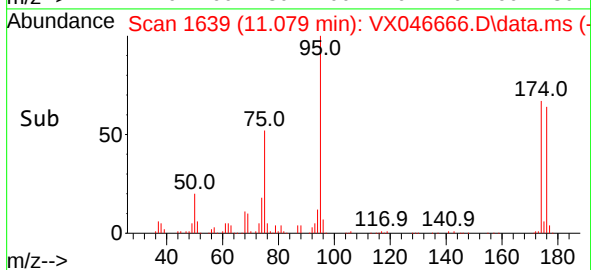
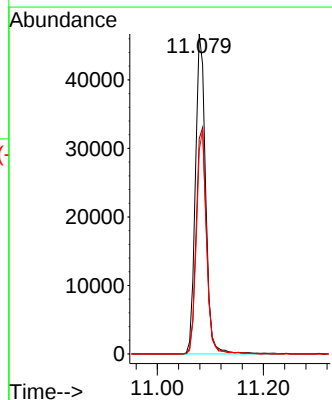
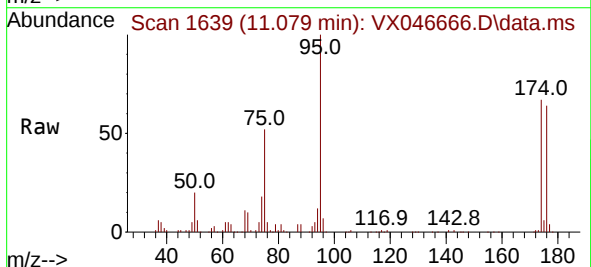
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

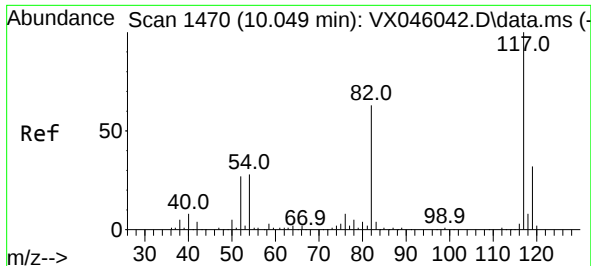
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
58 171.2 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 64.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 95 Resp: 62307
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.8
176 68.5 0.0 131.4

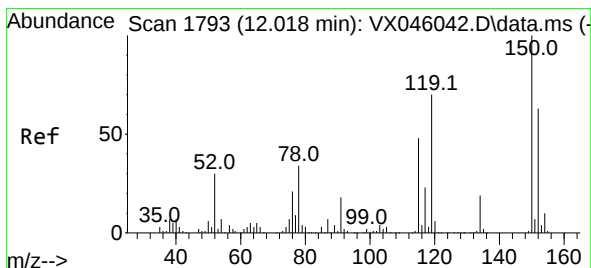
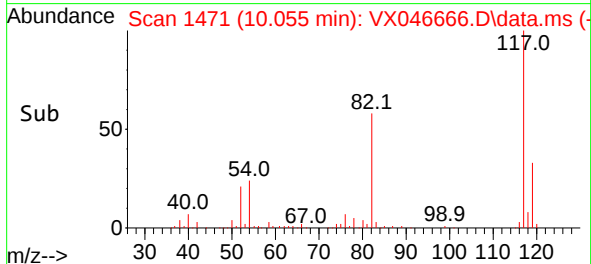
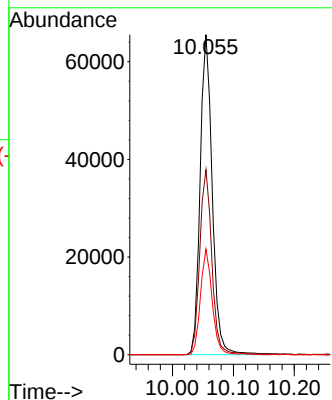
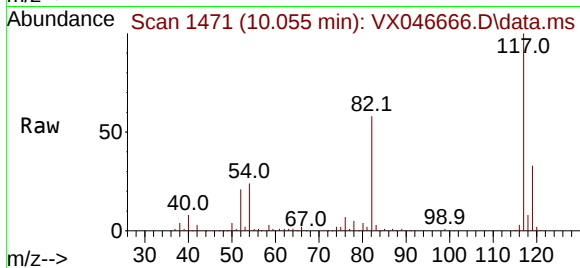




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

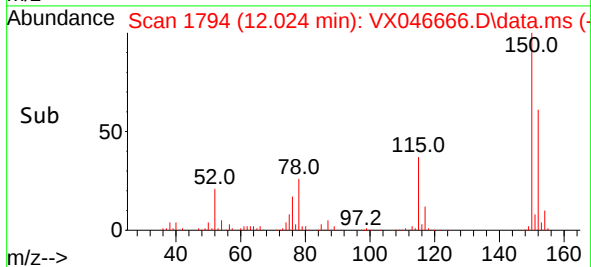
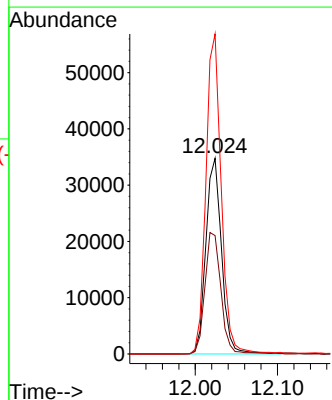
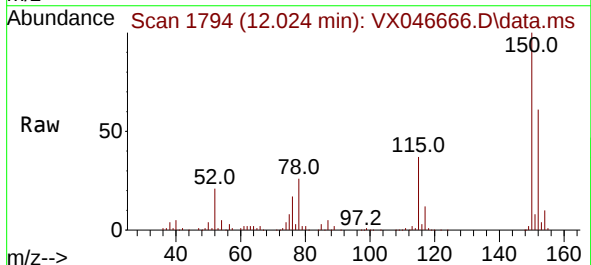
Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

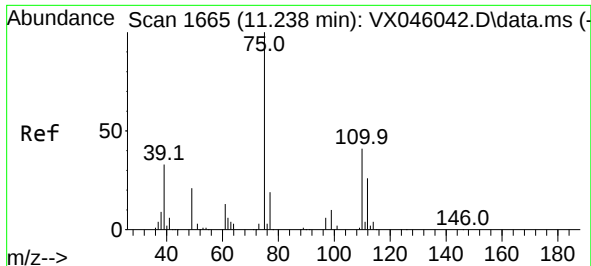
Tgt Ion:117 Resp: 90368
Ion Ratio Lower Upper
117 100
82 57.8 50.6 76.0
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion:152 Resp: 46107
Ion Ratio Lower Upper
152 100
115 63.3 46.9 140.7
150 159.6 0.0 351.0

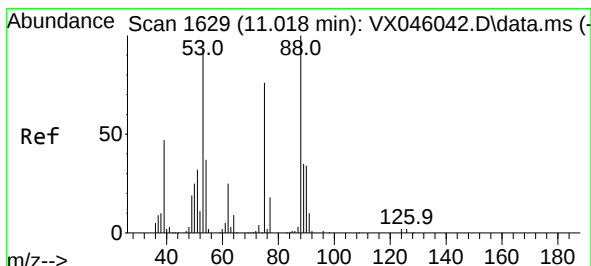
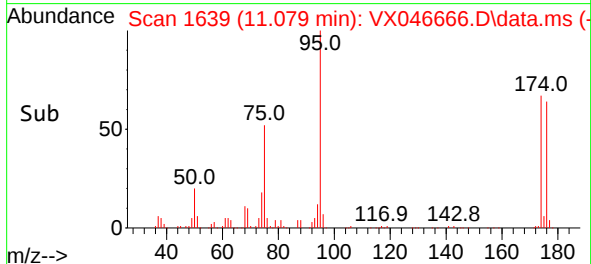
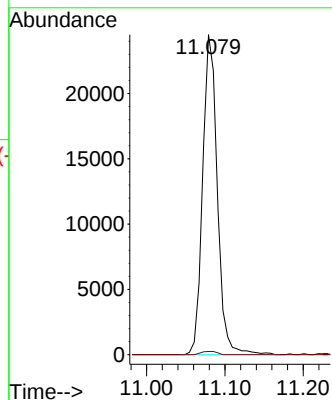
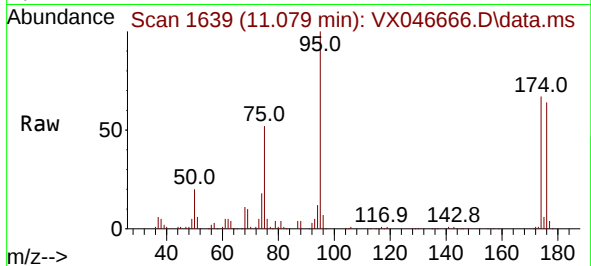




#76
1,2,3-Trichloropropane
Concen: 32.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Instrument :
MSVOA_X
ClientSampleId :
TB01-060925

Tgt Ion: 75 Resp: 31865
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046666.D
Acq: 12 Jun 2025 16:10

Tgt Ion: 75 Resp: 31865
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

