

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046578.D
 Acq On : 09 Jun 2025 14:44
 Operator : JC/MD
 Sample : Q2260-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP10-MHG-WC

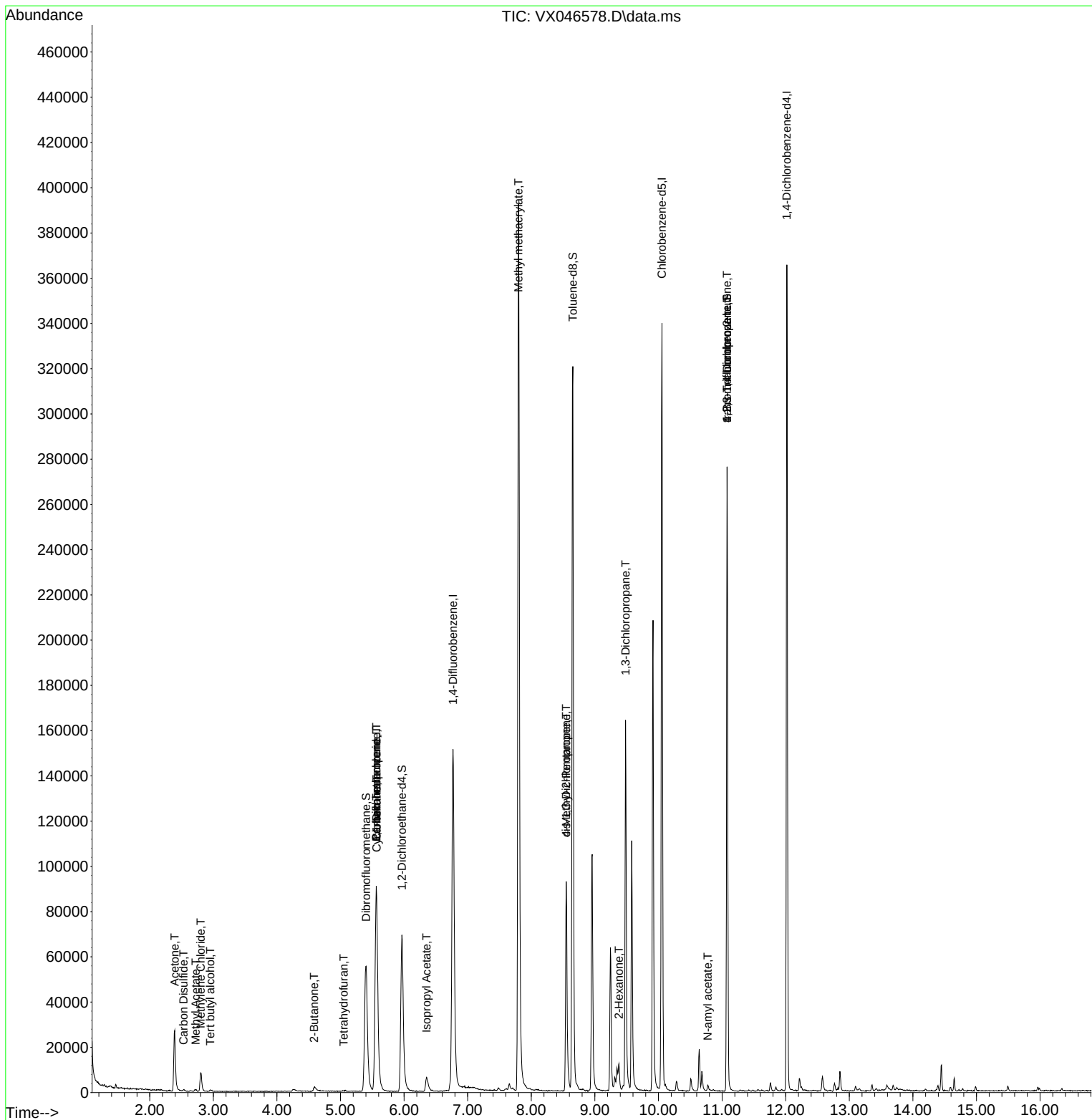
Quant Time: Jun 10 01:44:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

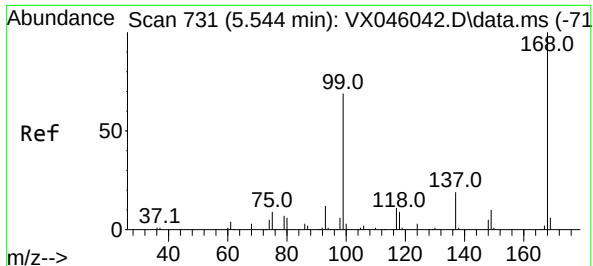
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	84479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74964	49.877	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.760%
35) Dibromofluoromethane	5.403	113	54142	47.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.653	98	189785	50.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.340%
62) 4-Bromofluorobenzene	11.079	95	74611	47.668	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	395	2.368	ug/l #	72
16) Acetone	2.392	43	33483	60.283	ug/l	96
17) Carbon Disulfide	2.532	76	57	0.229	ug/l #	76
18) Methyl Acetate	2.721	43	1212	0.677	ug/l	98
20) Methylene Chloride	2.800	84	3971	3.293	ug/l	92
25) 2-Butanone	4.586	43	4864	5.814	ug/l	94
29) Tetrahydrofuran	5.050	42	326	0.617	ug/l #	44
31) Cyclohexane	5.568	56	2056	1.177	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	7431	4.534	ug/l #	53
38) Carbon Tetrachloride	5.562	117	9993	5.443	ug/l #	16
43) Isopropyl Acetate	6.354	43	10657	3.821	ug/l	97
48) Methyl methacrylate	7.799	41	38739	26.997	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	36367	20.521	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14864	8.093	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	1426	0.709	ug/l #	42
59) 2-Hexanone	9.378	43	10832	8.522	ug/l #	28
74) N-amyl acetate	10.774	43	1821	0.744	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	41011	27.389	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41011	79.007	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

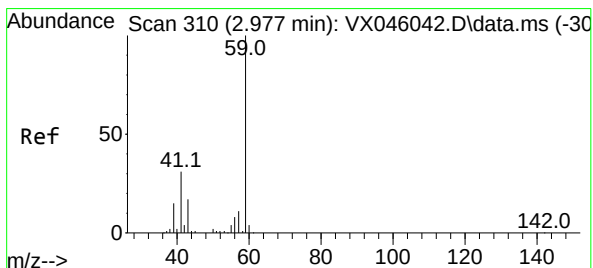
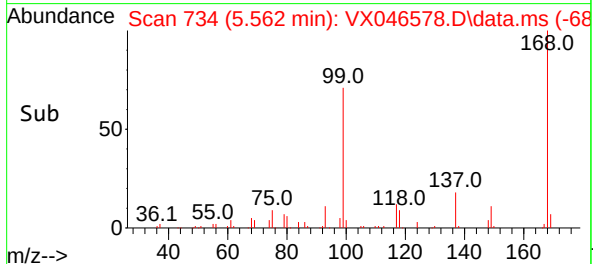
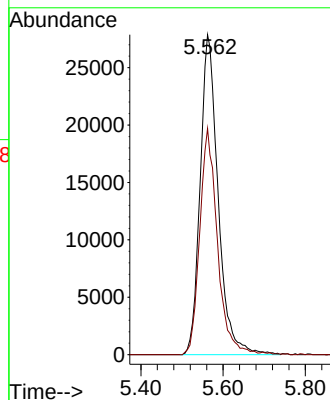
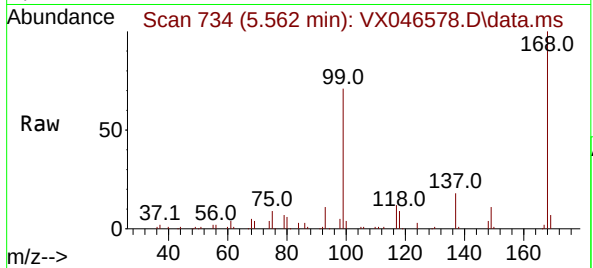




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

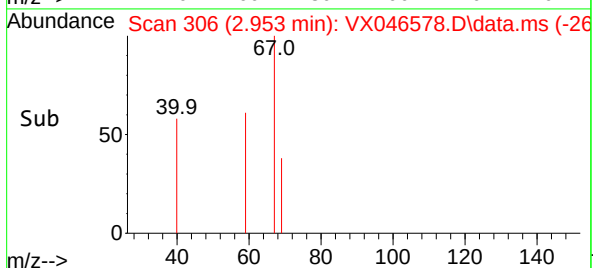
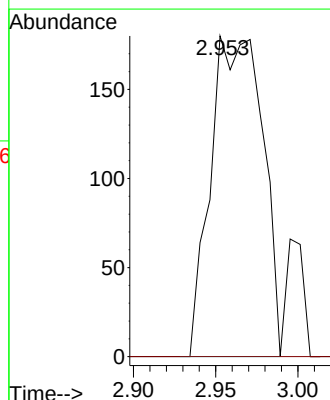
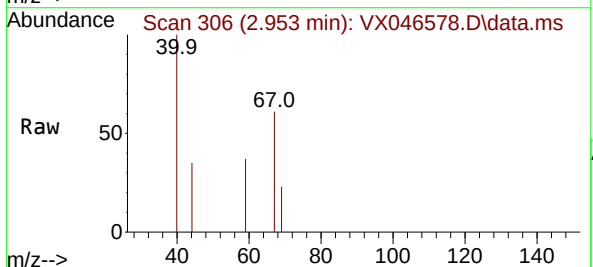
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

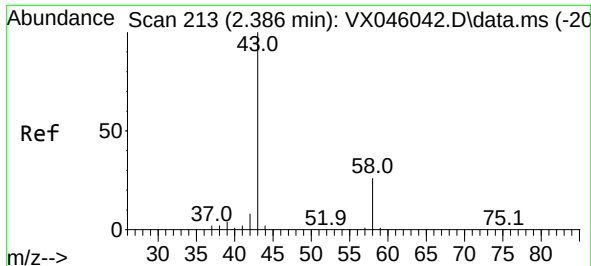
Tgt Ion:168 Resp: 84479
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#11
Tert butyl alcohol
Concen: 2.368 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 59 Resp: 395
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

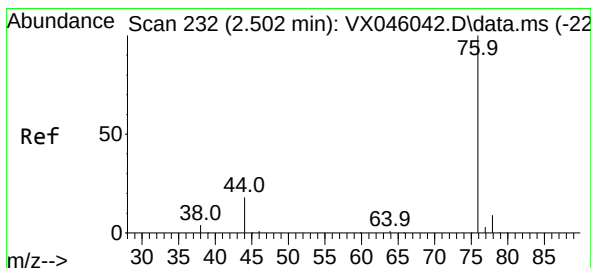
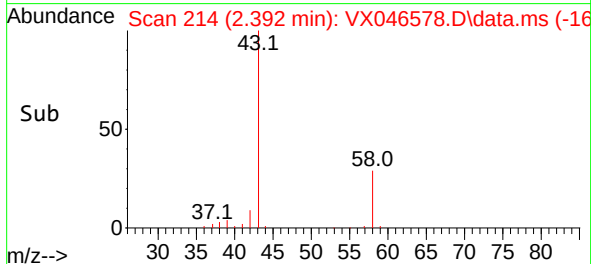
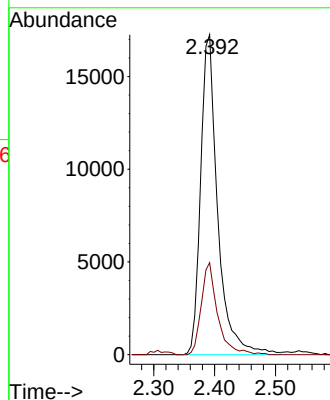
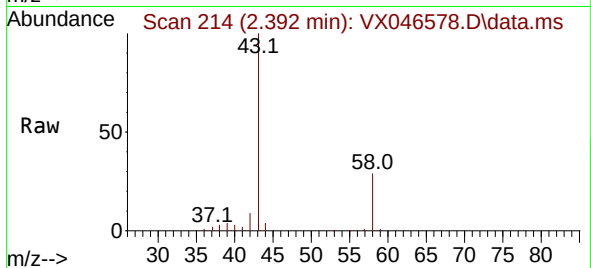




#16
Acetone
Concen: 60.283 ug/l
RT: 2.392 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

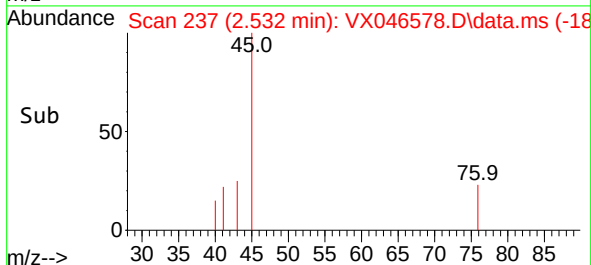
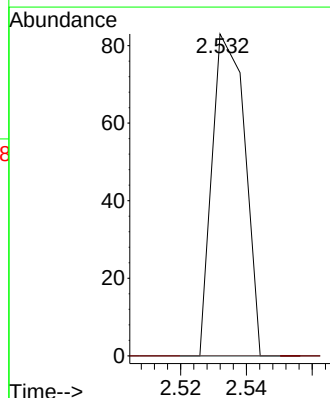
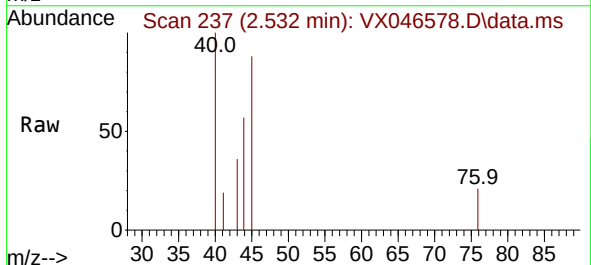
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

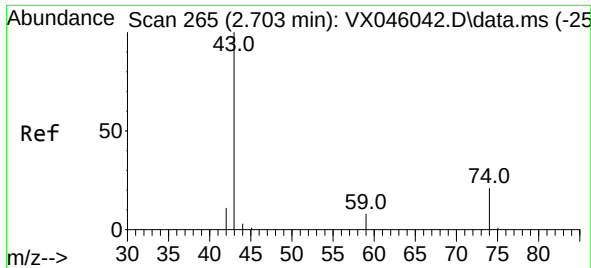
Tgt Ion: 43 Resp: 33483
Ion Ratio Lower Upper
43 100
58 28.8 21.2 31.8



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

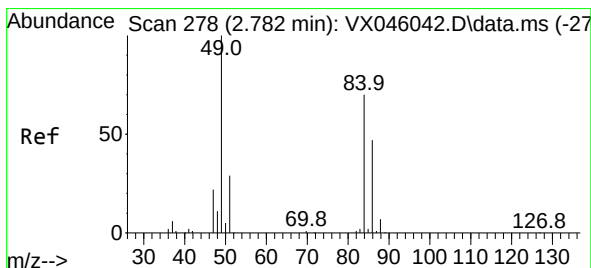
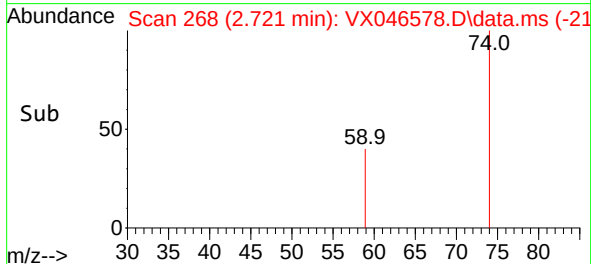
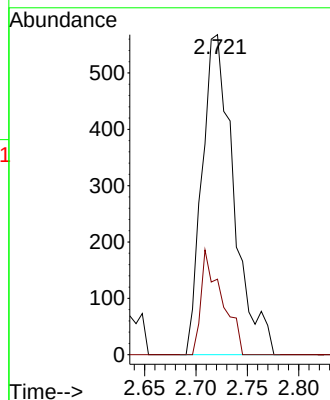
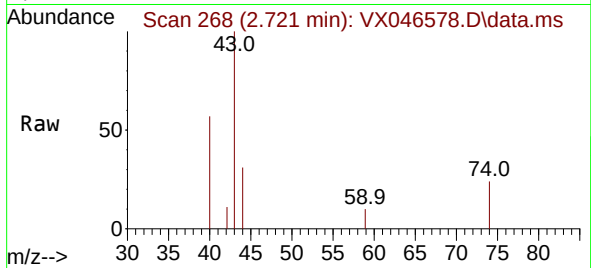




#18
Methyl Acetate
Concen: 0.677 ug/l
RT: 2.721 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

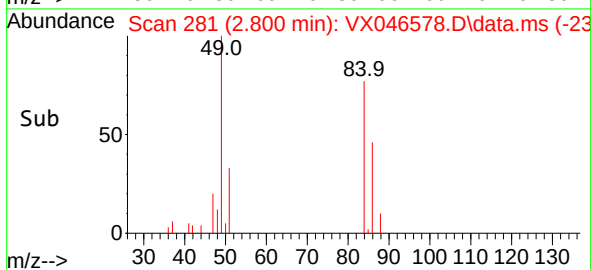
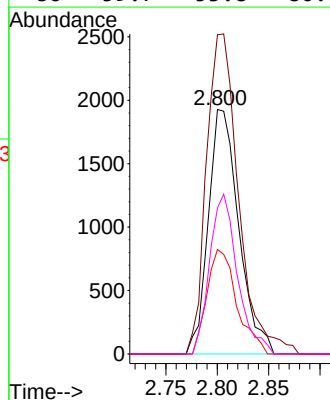
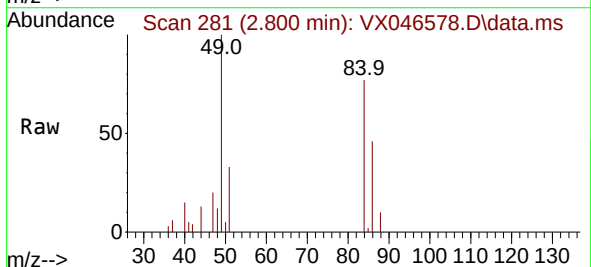
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

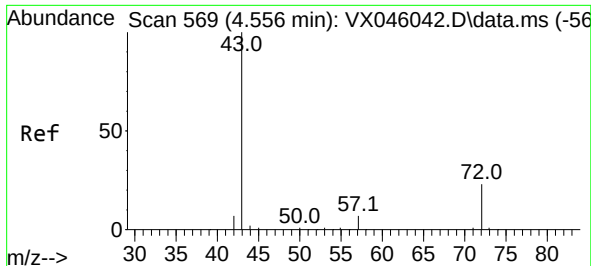
Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1



#20
Methylene Chloride
Concen: 3.293 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 84 Resp: 3971
Ion Ratio Lower Upper
84 100
49 130.6 113.9 170.9
51 42.8 33.5 50.3
86 59.7 53.8 80.8

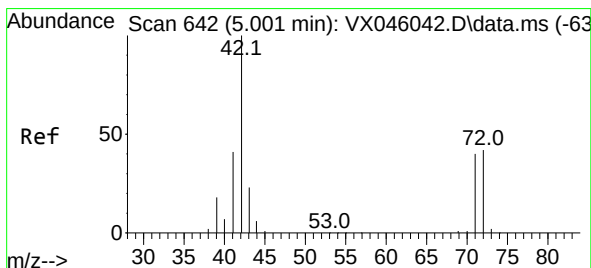
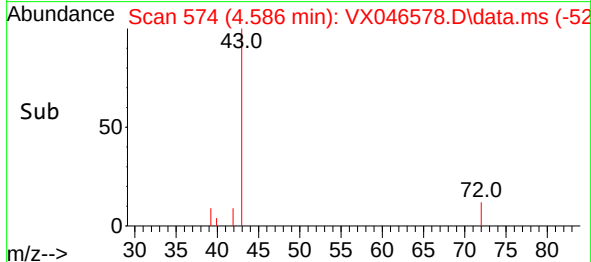
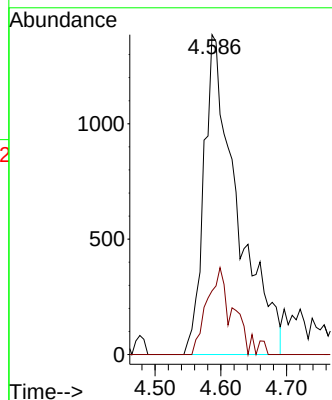
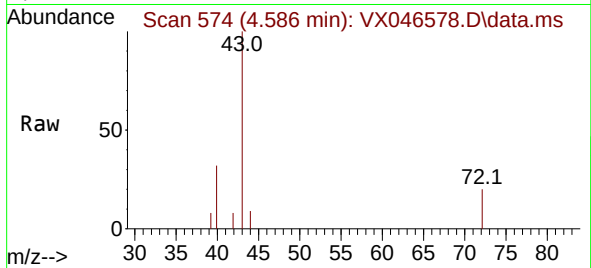




#25
2-Butanone
Concen: 5.814 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

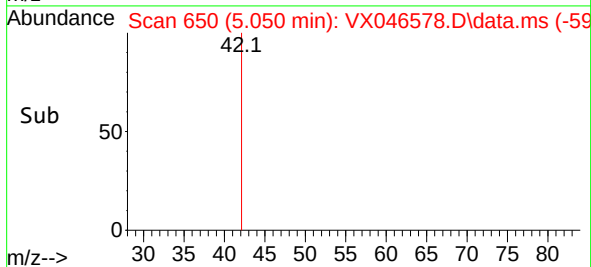
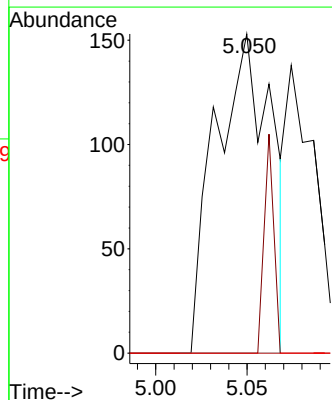
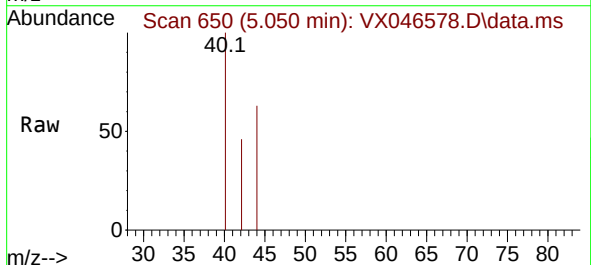
Instrument :
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ClientSampleId :
TP10-MHG-WC

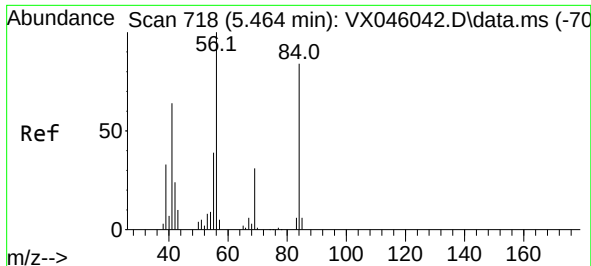
Tgt Ion: 43 Resp: 4864
Ion Ratio Lower Upper
43 100
72 19.9 18.4 27.6



#29
Tetrahydrofuran
Concen: 0.617 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.031 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
72 11.7 33.7 50.5#
71 0.0 31.4 47.2#

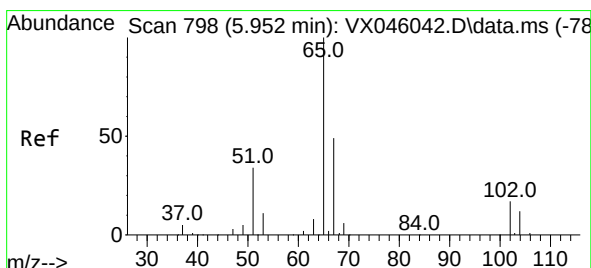
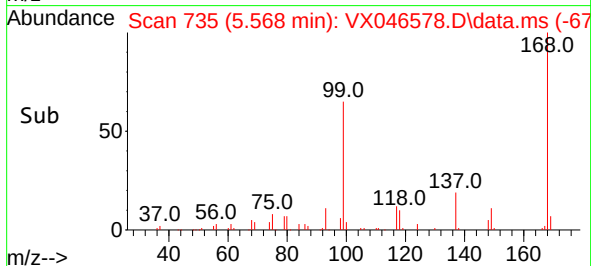
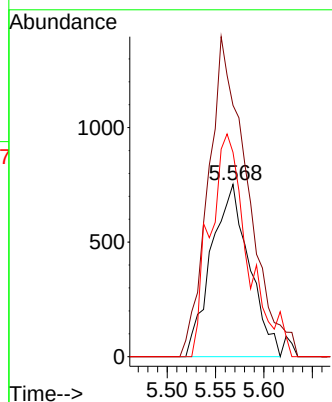
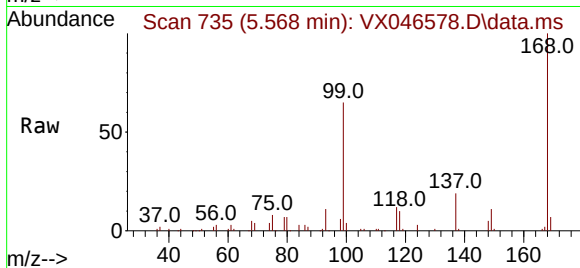




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.568 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

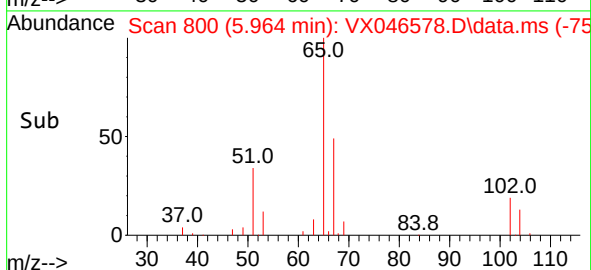
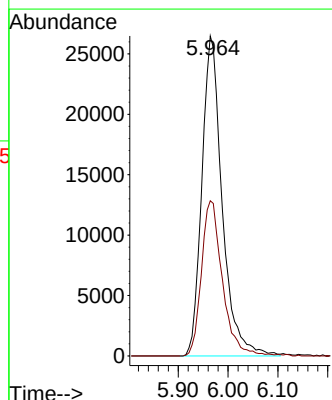
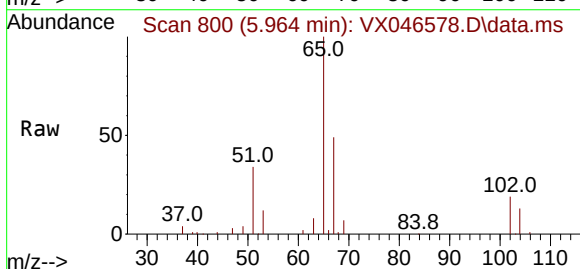
Instrument :
MSVOA_X
ClientSampleId :
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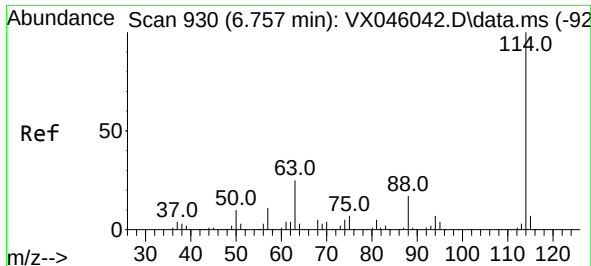
Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 145.9 24.4 36.6#
84 118.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.877 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 65 Resp: 74964
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

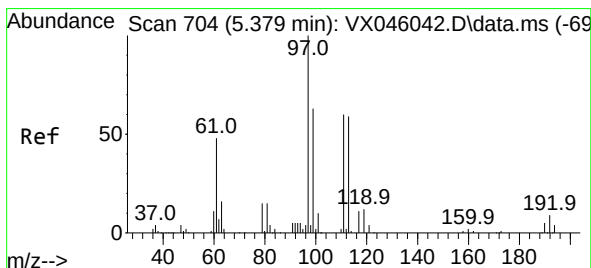
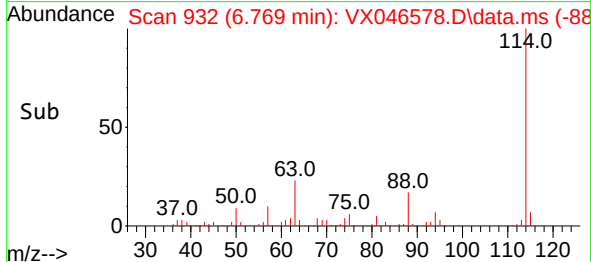
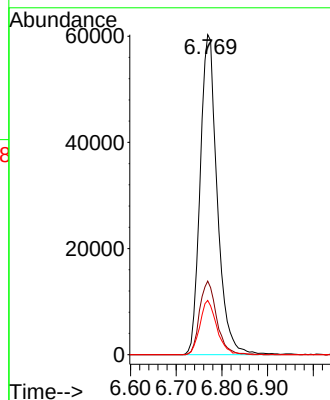
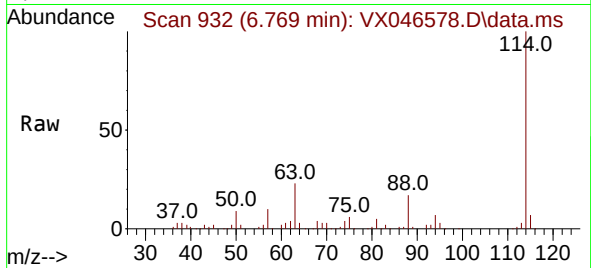




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

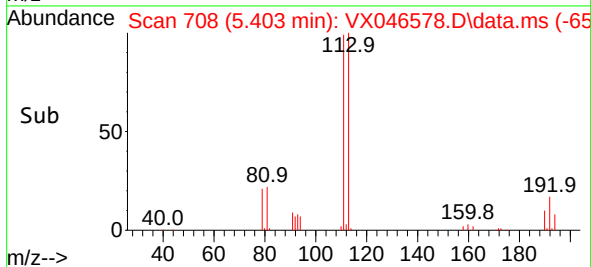
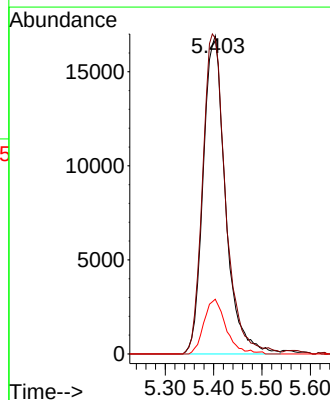
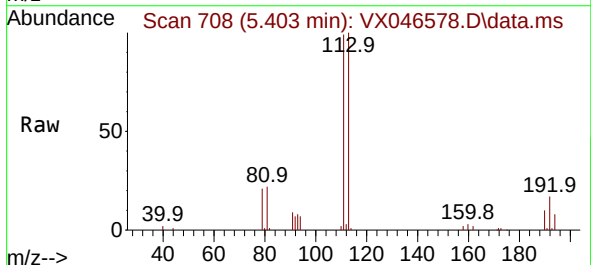
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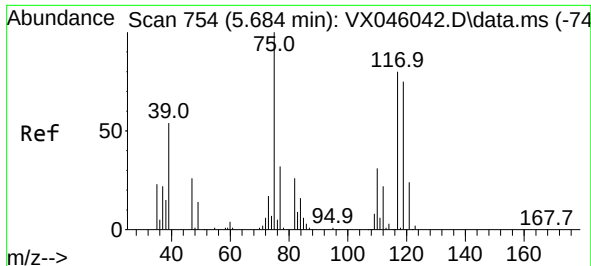
Tgt Ion:114 Resp: 156035
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.184 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion:113 Resp: 54142
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 17.1 13.3 19.9

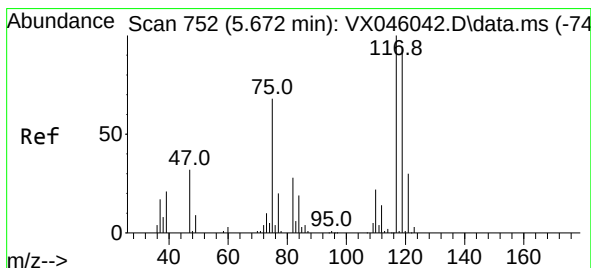
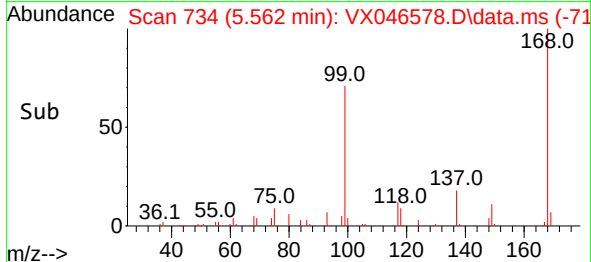
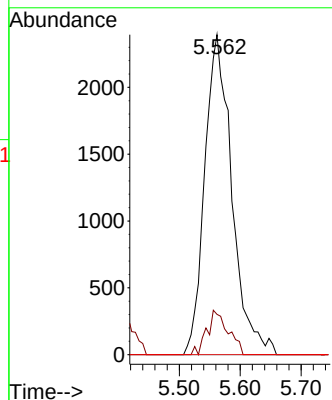
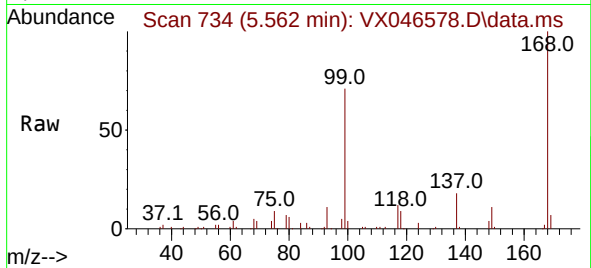




#36
1,1-Dichloropropene
Concen: 4.534 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

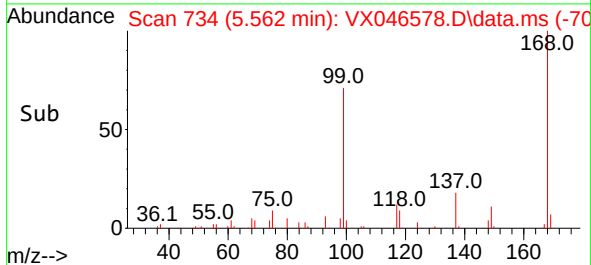
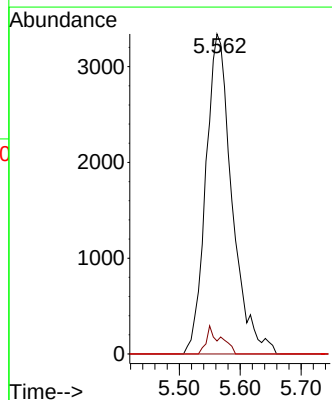
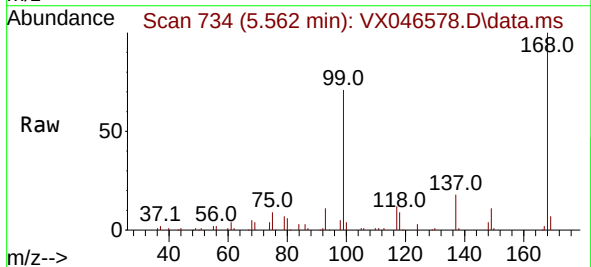
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

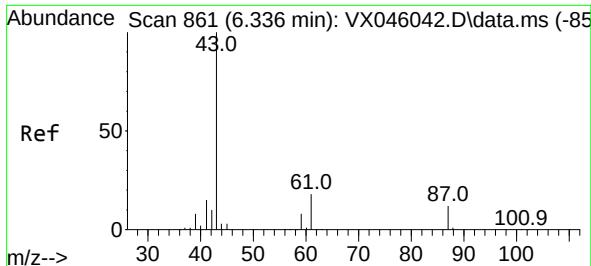
Tgt Ion: 75 Resp: 7431
Ion Ratio Lower Upper
75 100
110 10.8 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 117 Resp: 9993
Ion Ratio Lower Upper
117 100
119 4.1 75.2 112.8#
121 0.0 24.2 36.4#

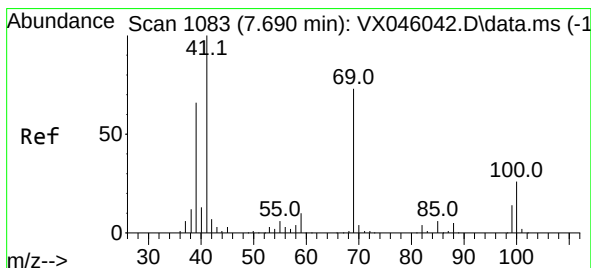
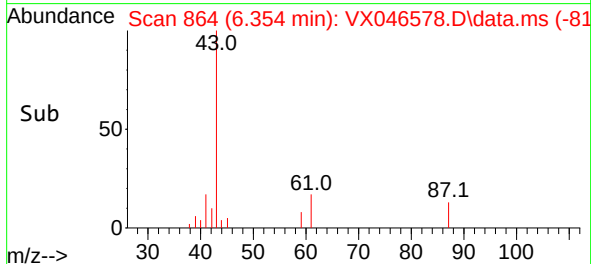
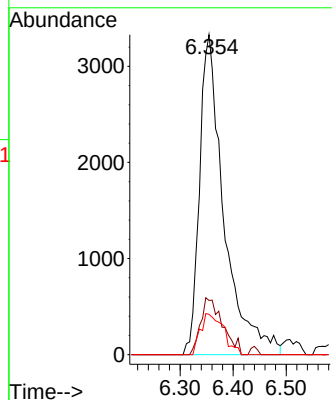
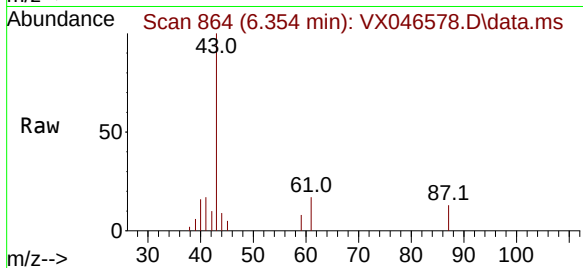




#43
Isopropyl Acetate
Concen: 3.821 ug/l
RT: 6.354 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

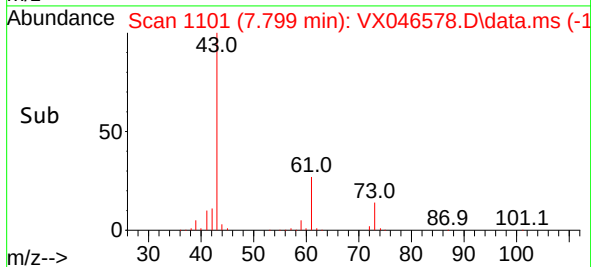
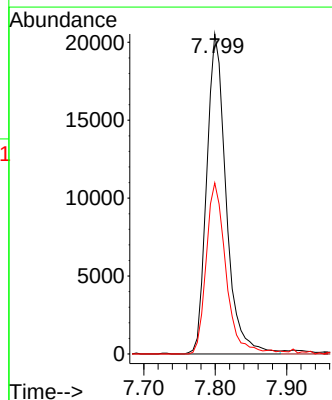
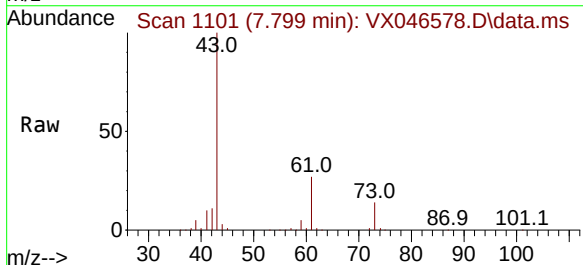
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

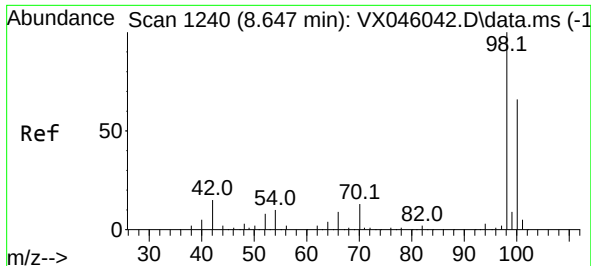
Tgt Ion: 43 Resp: 10657
Ion Ratio Lower Upper
43 100
61 16.0 14.3 21.5
87 12.1 9.5 14.3



#48
Methyl methacrylate
Concen: 26.997 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.097 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 41 Resp: 38739
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 54.7 51.7 77.5

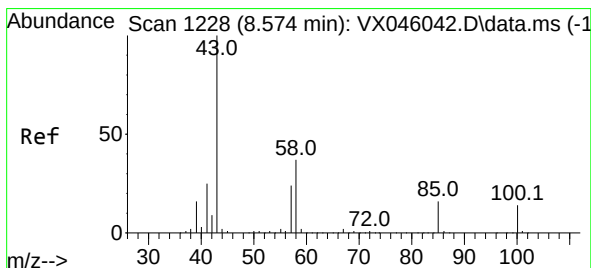
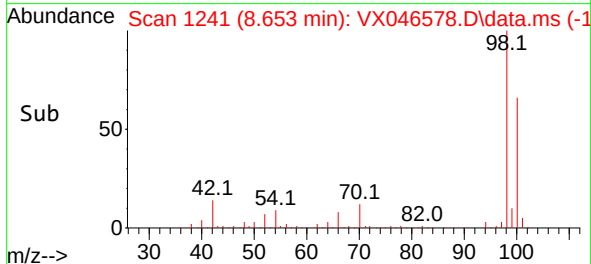
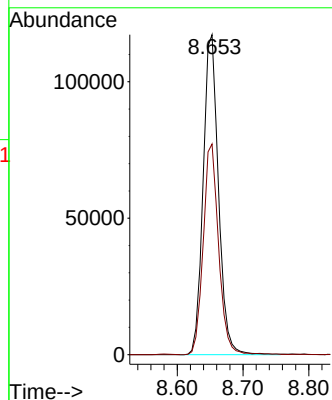
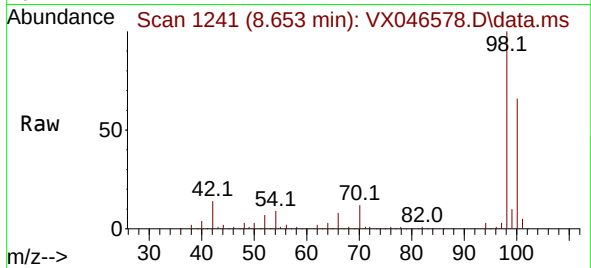




#50
Toluene-d8
Concen: 50.167 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

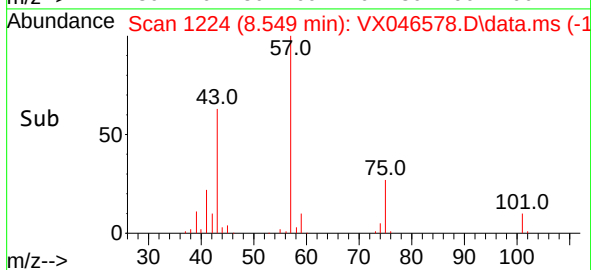
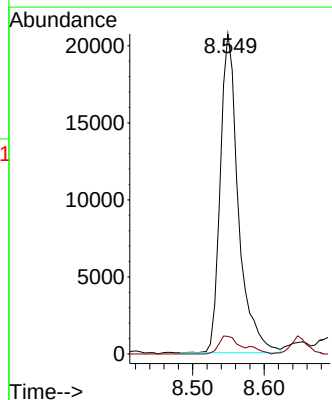
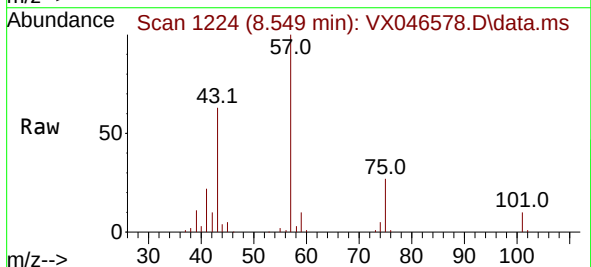
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

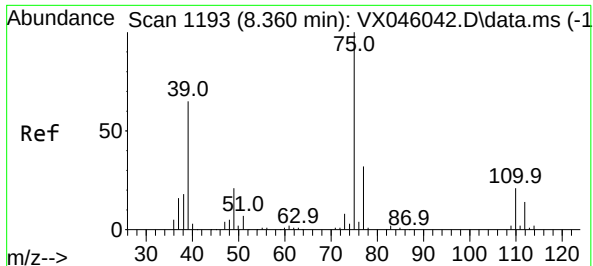
Tgt Ion: 98 Resp: 189785
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 20.521 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 43 Resp: 36367
Ion Ratio Lower Upper
43 100
58 7.4 28.9 43.3#

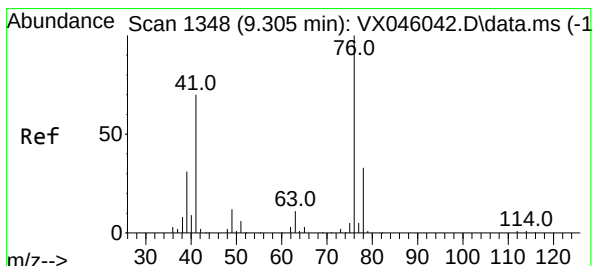
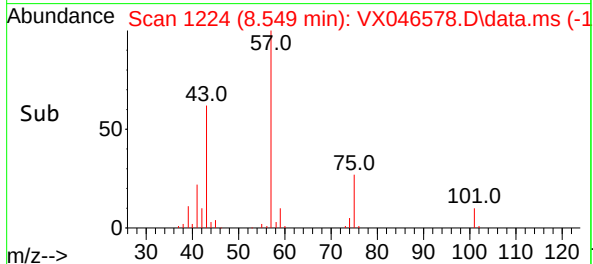
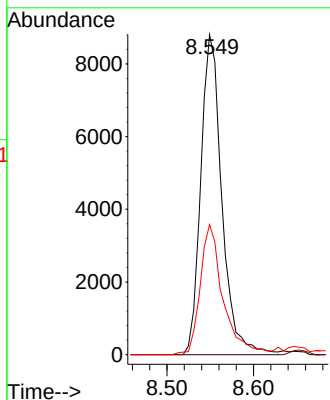
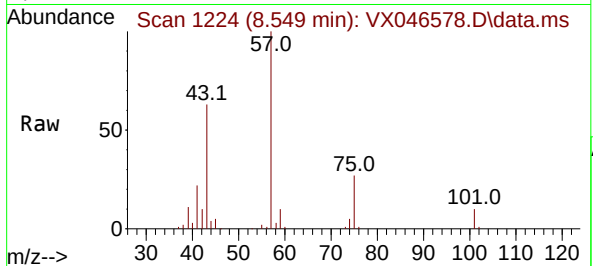




#54
 cis-1,3-Dichloropropene
 Concen: 8.093 ug/l
 RT: 8.549 min Scan# 1193
 Delta R.T. 0.177 min
 Lab File: VX046578.D
 Acq: 09 Jun 2025 14:44

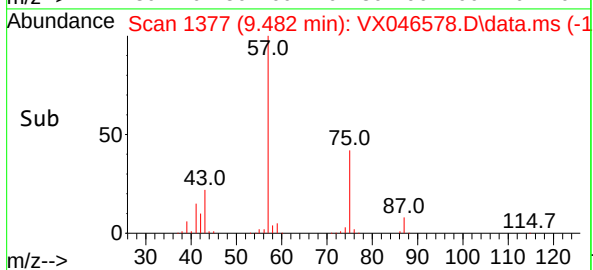
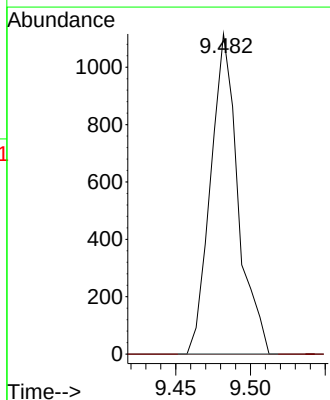
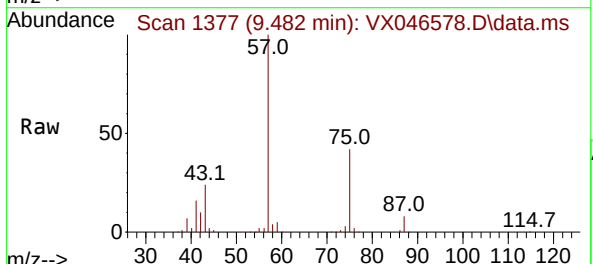
Instrument :
 MSVOA_X
 ClientSampleId :
 TP10-MHG-WC

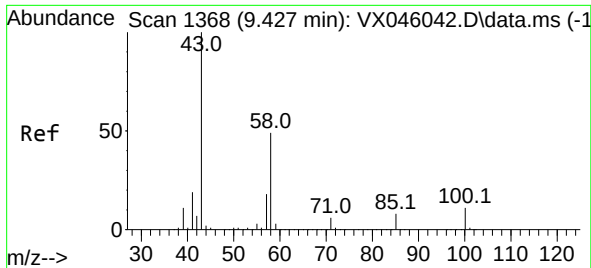
Tgt Ion: 75 Resp: 14864
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 40.1 52.2 78.4#



#57
 1,3-Dichloropropane
 Concen: 0.709 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX046578.D
 Acq: 09 Jun 2025 14:44

Tgt Ion: 76 Resp: 1426
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.3 39.5#

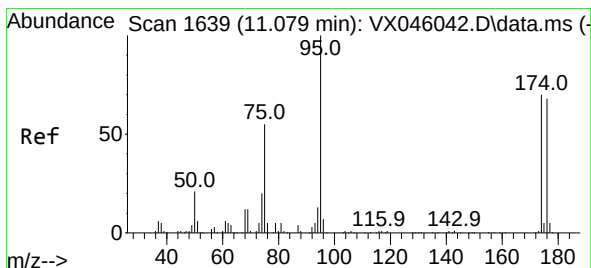
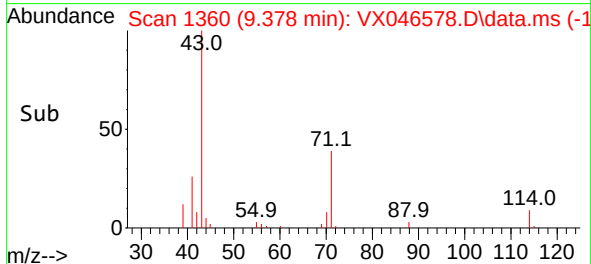
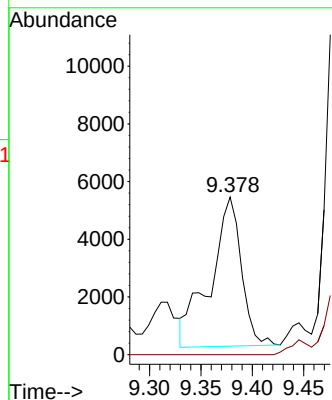
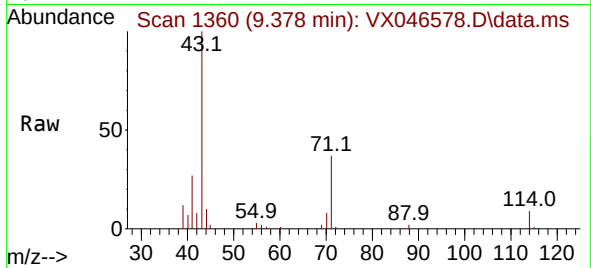




#59
2-Hexanone
Concen: 8.522 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

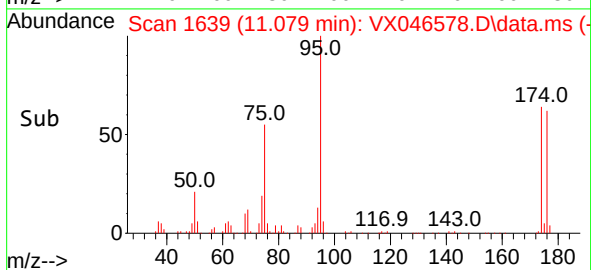
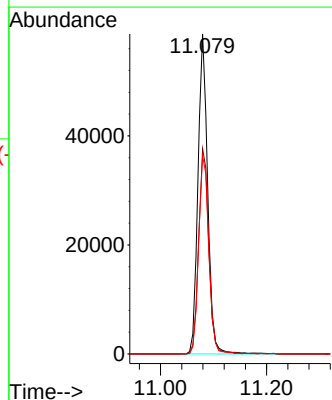
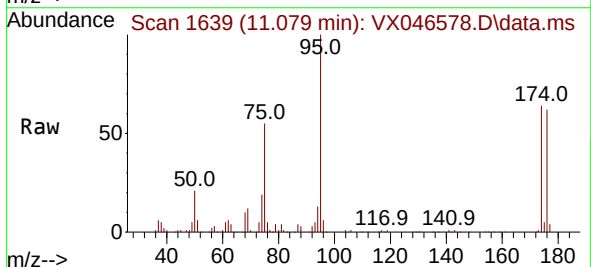
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

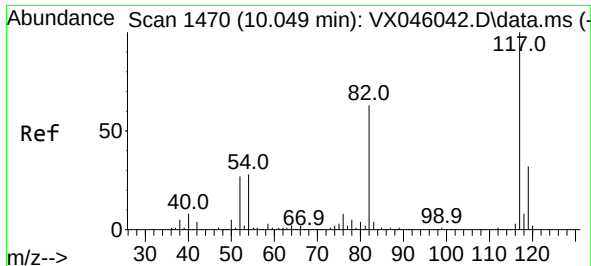
Tgt Ion: 43 Resp: 10832
Ion Ratio Lower Upper
43 100
58 0.0 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 95 Resp: 74611
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.7 0.0 131.4

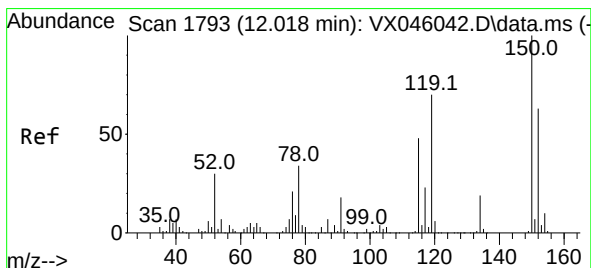
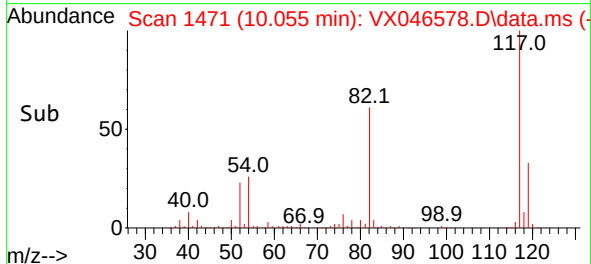
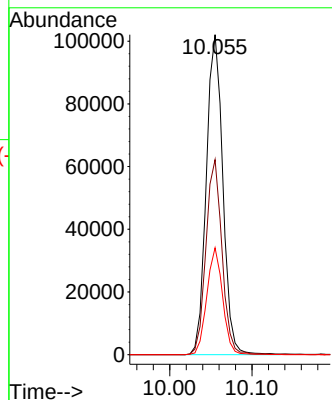
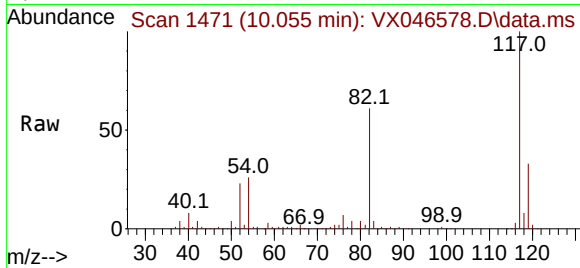




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

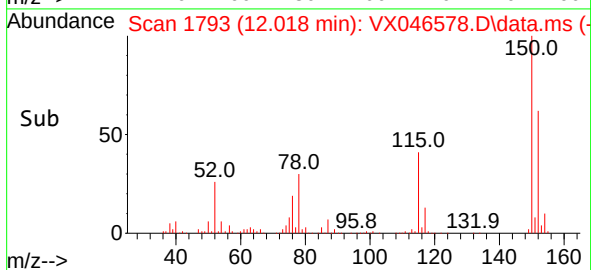
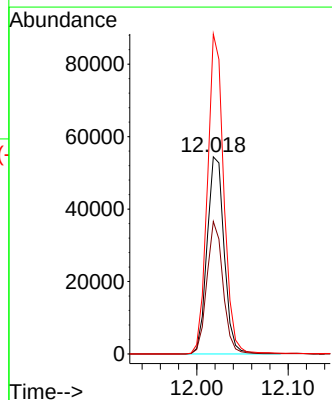
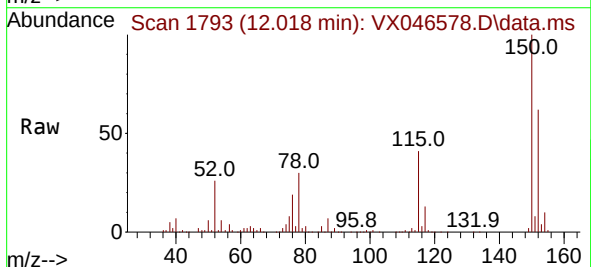
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

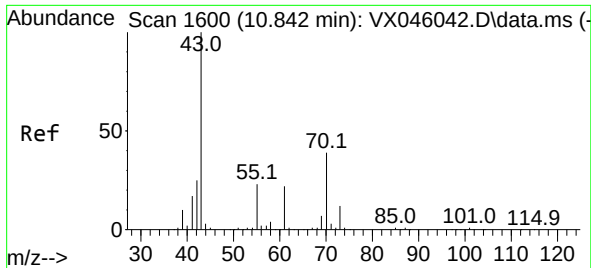
Tgt Ion:117 Resp: 142402
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 33.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion:152 Resp: 70692
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 155.9 0.0 351.0

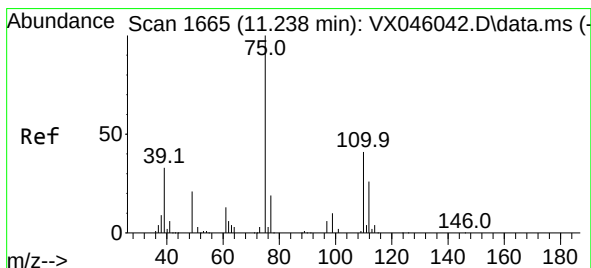
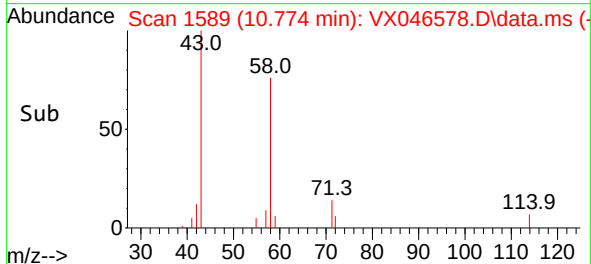
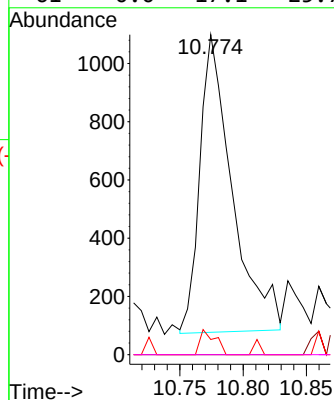
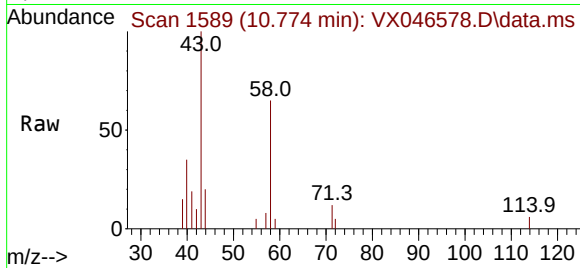




#74
N-amy1 acetate
Concen: 0.744 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

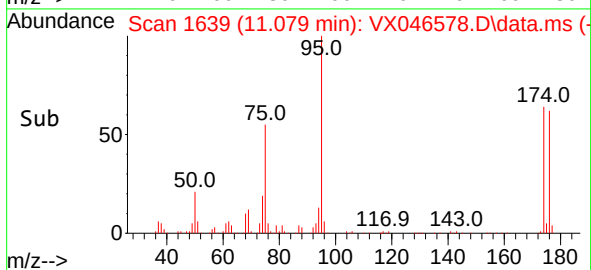
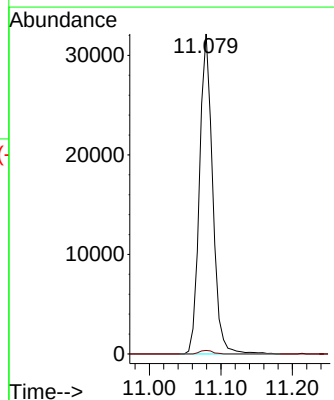
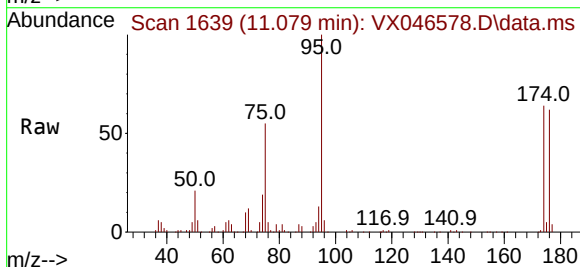
Instrument :
MSVOA_X
ClientSampleId :
TP10-MHG-WC

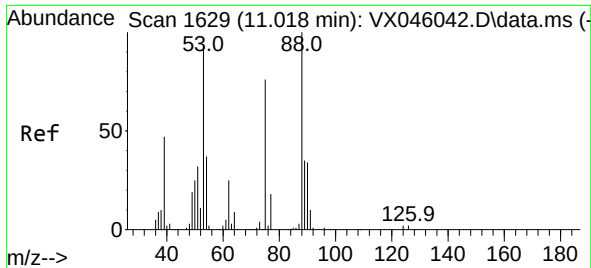
Tgt Ion: 43 Resp: 1821
Ion Ratio Lower Upper
43 100
70 0.0 30.9 46.3#
55 4.0 18.7 28.1#
61 0.0 17.1 25.7#



#76
1,2,3-Trichloropropane
Concen: 27.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046578.D
Acq: 09 Jun 2025 14:44

Tgt Ion: 75 Resp: 41011
Ion Ratio Lower Upper
75 100
77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.007 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046578.D
 Acq: 09 Jun 2025 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TP10-MHG-WC

Tgt Ion: 75 Resp: 41011
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

