

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085663.D
 Acq On : 04 Feb 2025 19:51
 Operator : JC\MD
 Sample : Q1282-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-WTS-02

Quant Time: Feb 05 01:10:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

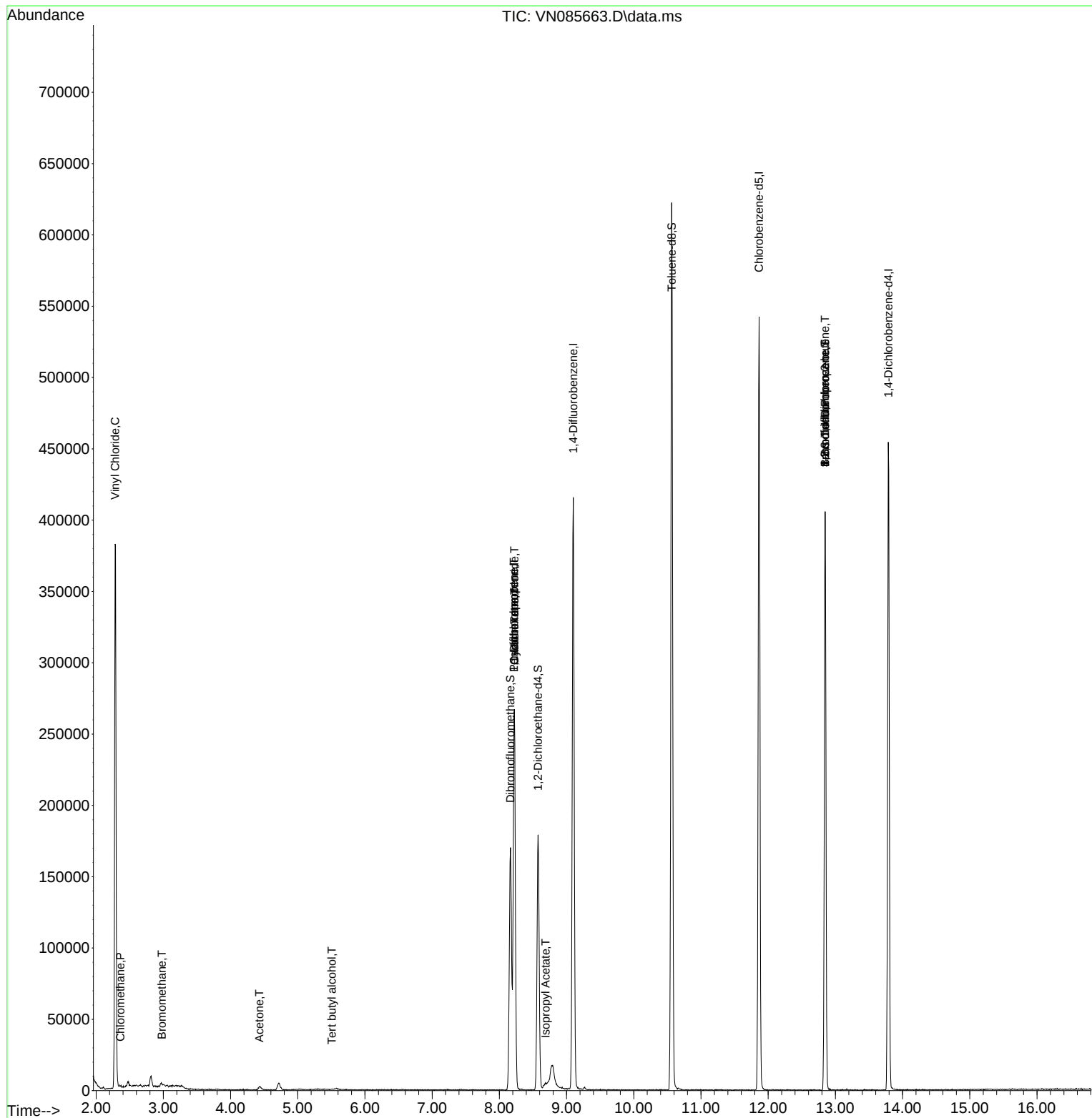
Internal Standards						
1) Pentafluorobenzene	8.218	168	190893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	142302	46.181	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.360%		
35) Dibromofluoromethane	8.165	113	121491	47.945	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	10.565	98	436930	48.531	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.060%		
62) 4-Bromofluorobenzene	12.847	95	135360	43.952	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.900%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	947	0.338	ug/l #	76
4) Vinyl Chloride	2.283	62	5422	1.928	ug/l #	52
5) Bromomethane	2.977	94	1575	0.927	ug/l	84
11) Tert butyl alcohol	5.506	59	124	0.351	ug/l #	71
16) Acetone	4.430	43	5146	5.169	ug/l #	89
31) Cyclohexane	8.224	56	4549	1.163	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	16191	4.553	ug/l #	52
38) Carbon Tetrachloride	8.224	117	20606	5.061	ug/l #	17
43) Isopropyl Acetate	8.688	43	4734	0.823	ug/l #	55
71) Bromoform	12.847	173	1248	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72152	28.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72152	76.586	ug/l #	3

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

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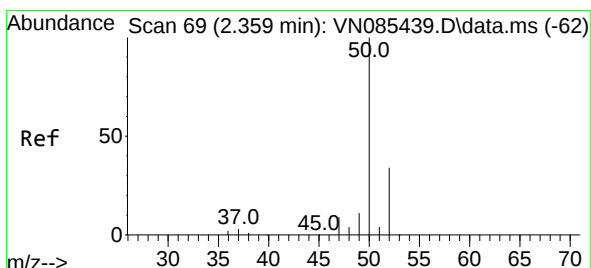
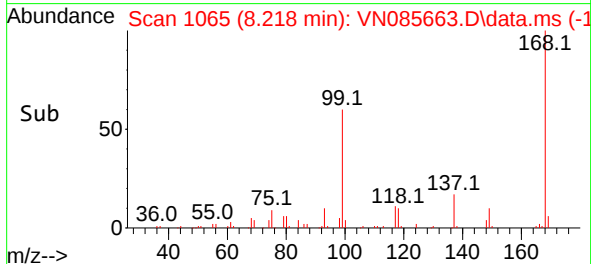
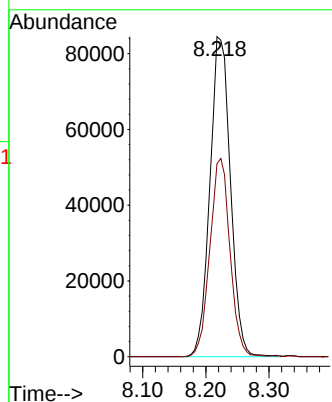
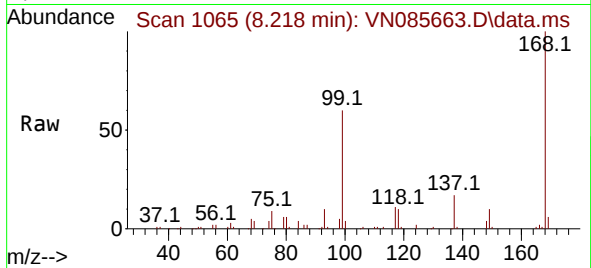




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

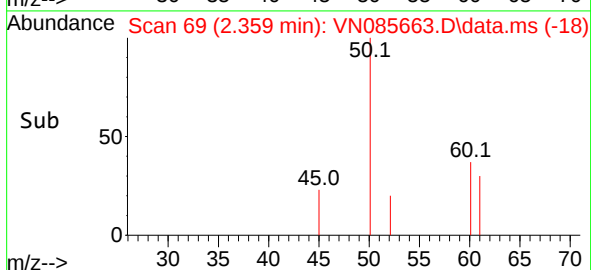
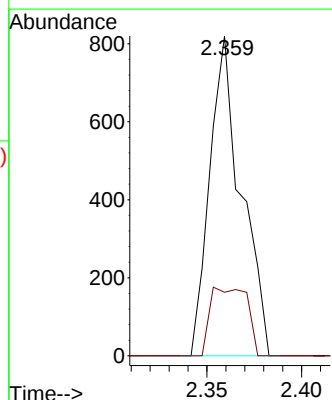
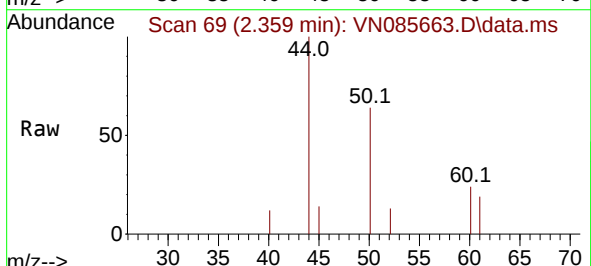
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-02

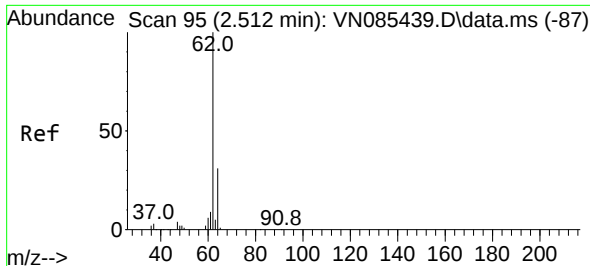
Tgt Ion:168 Resp: 190893
Ion Ratio Lower Upper
168 100
99 60.3 53.6 80.4



#3
Chloromethane
Concen: 0.338 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 19.9 27.0 40.6#

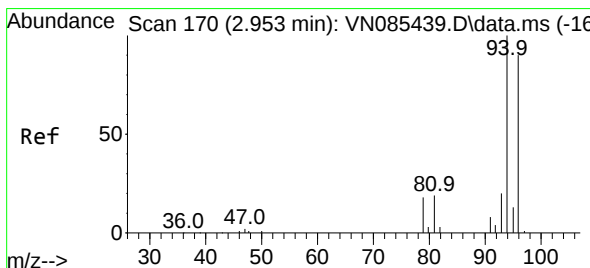
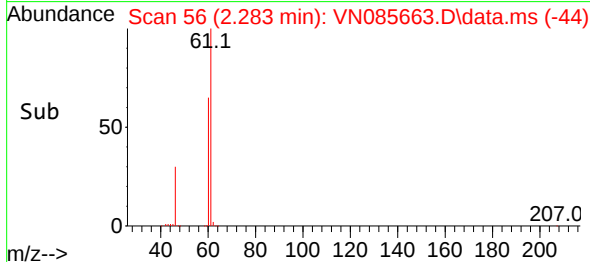
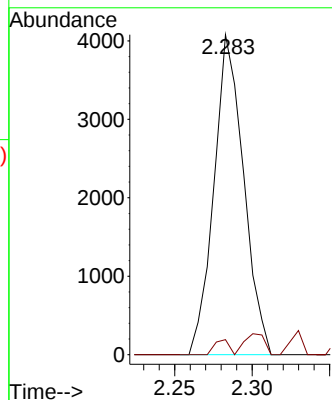
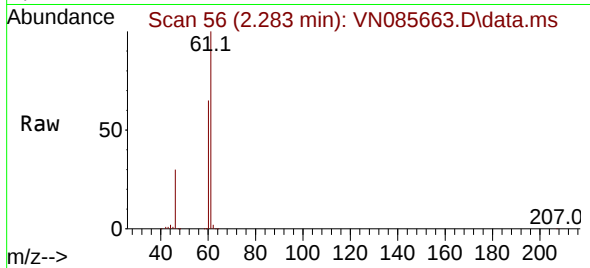




#4
 Vinyl Chloride
 Concen: 1.928 ug/l
 RT: 2.283 min Scan# 51
 Delta R.T. -0.230 min
 Lab File: VN085663.D
 Acq: 04 Feb 2025 19:51

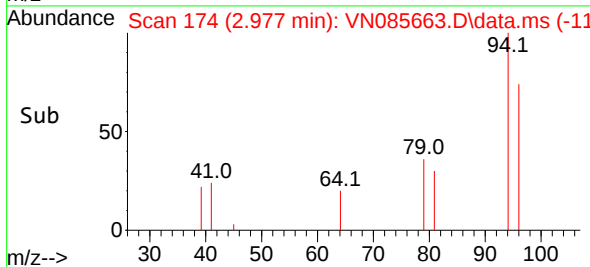
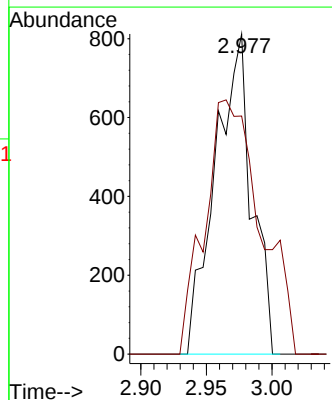
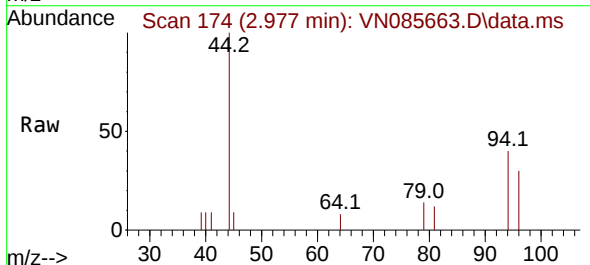
Instrument :
 MSVOA_N
 ClientSampleId :
 SW-WTS-02

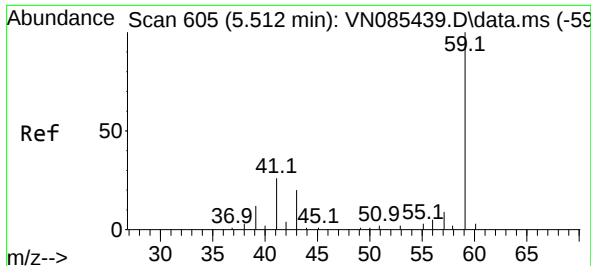
Tgt Ion: 62 Resp: 5422
 Ion Ratio Lower Upper
 62 100
 64 4.7 24.8 37.2#



#5
 Bromomethane
 Concen: 0.927 ug/l
 RT: 2.977 min Scan# 174
 Delta R.T. 0.023 min
 Lab File: VN085663.D
 Acq: 04 Feb 2025 19:51

Tgt Ion: 94 Resp: 1575
 Ion Ratio Lower Upper
 94 100
 96 74.4 71.8 107.6

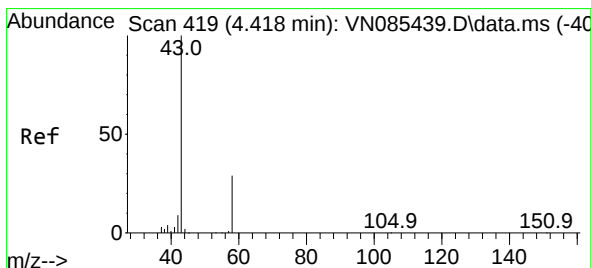
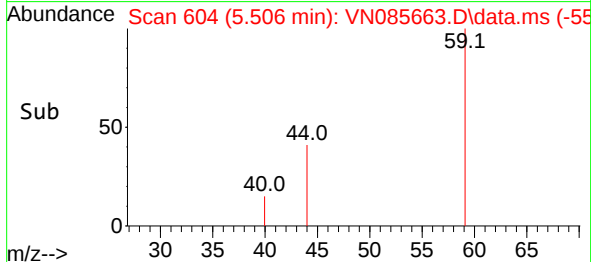
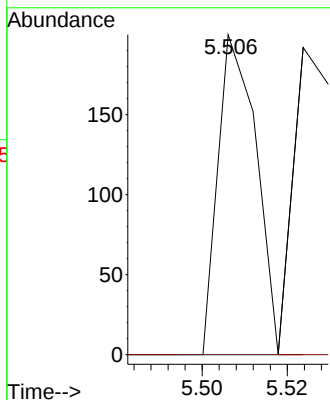
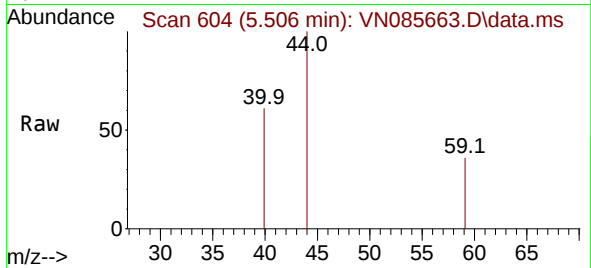




#11
Tert butyl alcohol
Concen: 0.351 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

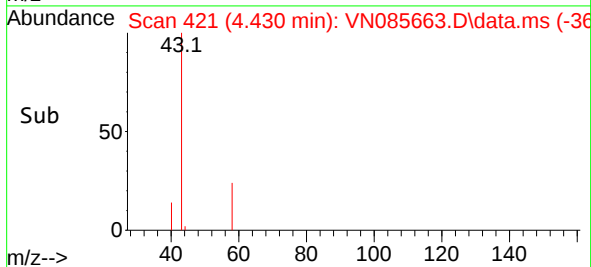
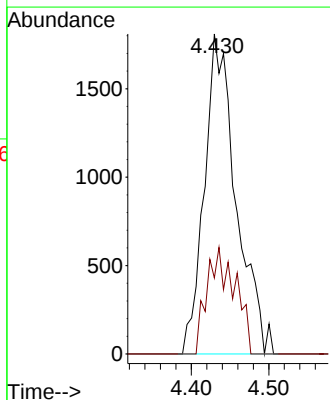
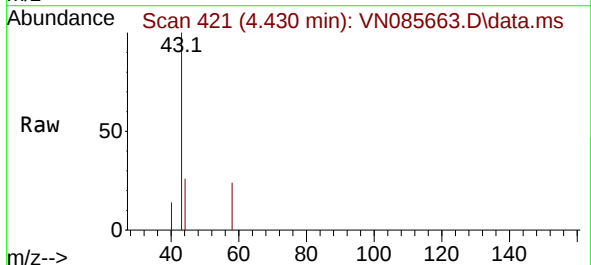
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-02

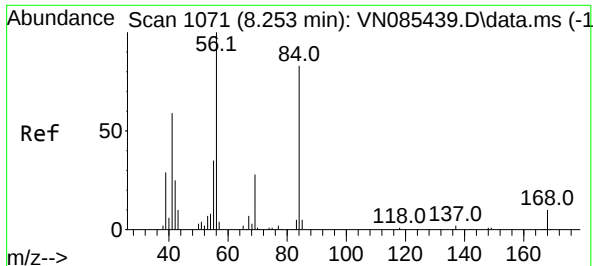
Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 5.169 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

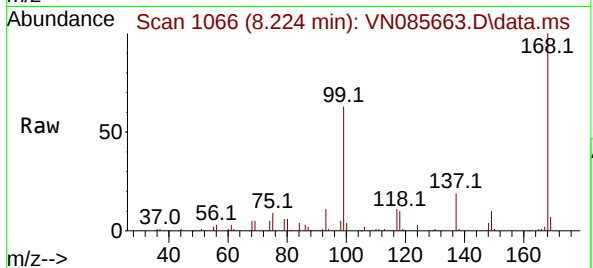
Tgt Ion: 43 Resp: 5146
Ion Ratio Lower Upper
43 100
58 23.8 23.8 35.6#



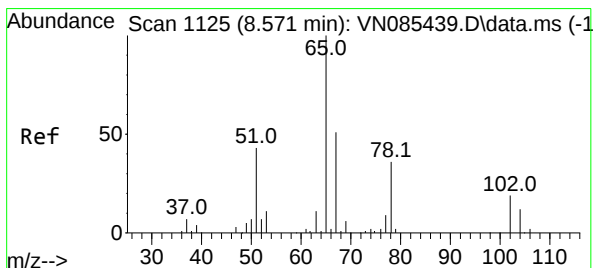
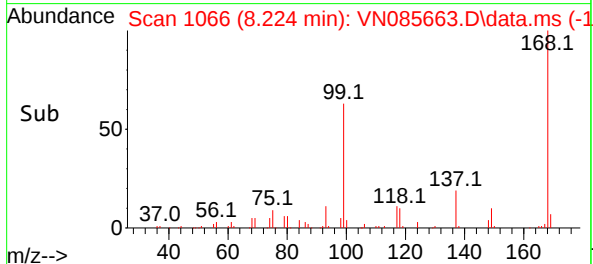
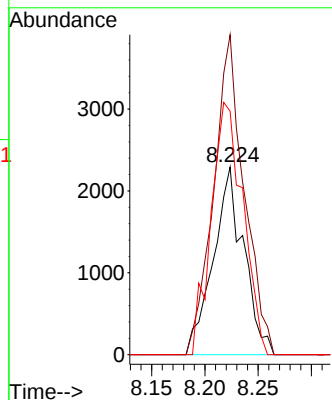


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-02

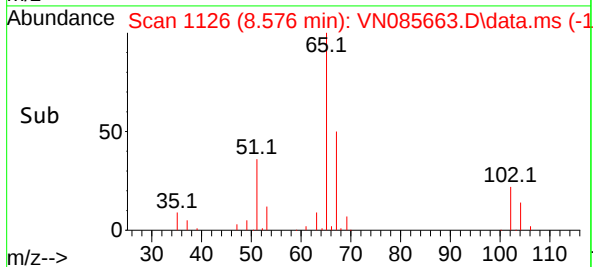
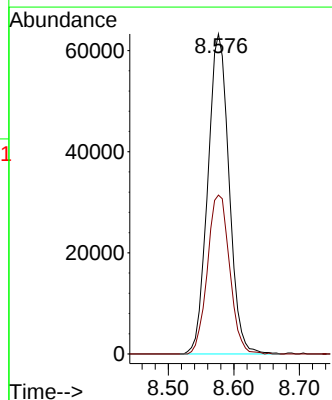
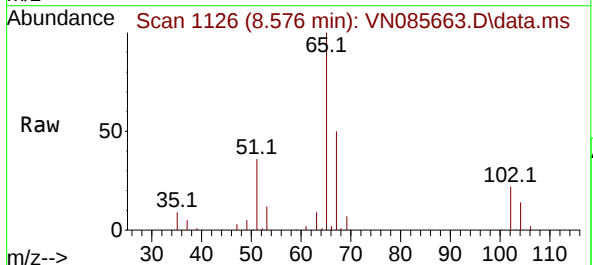


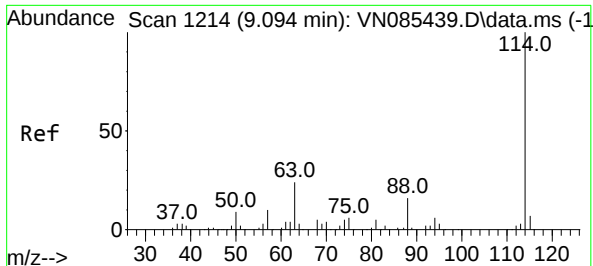
Tgt Ion: 56 Resp: 4549
Ion Ratio Lower Upper
56 100
69 170.5 22.2 33.4#
84 129.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.181 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Tgt Ion: 65 Resp: 142302
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085663.D

Acq: 04 Feb 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-02

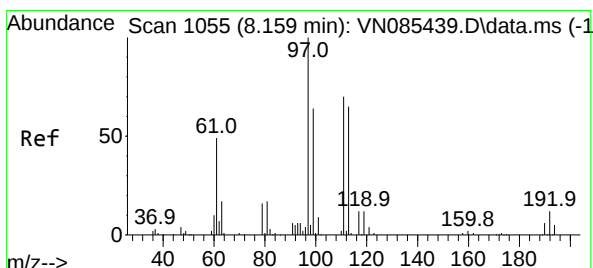
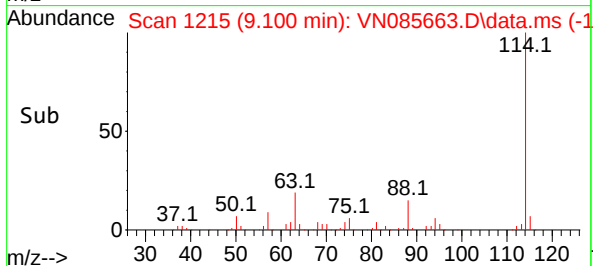
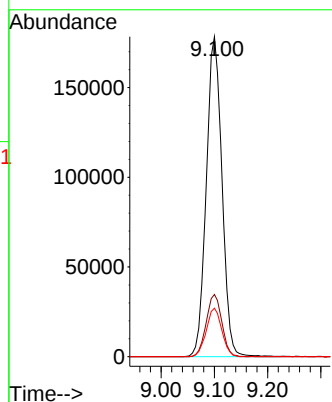
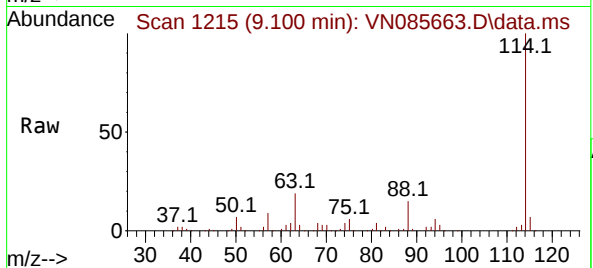
Tgt Ion:114 Resp: 365251

Ion Ratio Lower Upper

114 100

63 19.4 0.0 47.6

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.945 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085663.D

Acq: 04 Feb 2025 19:51

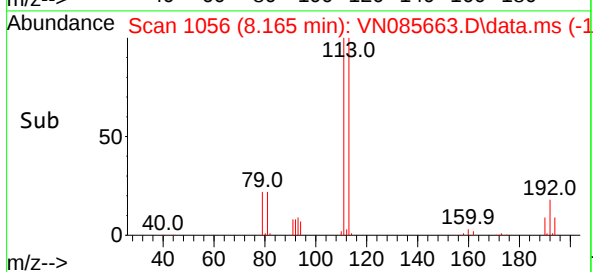
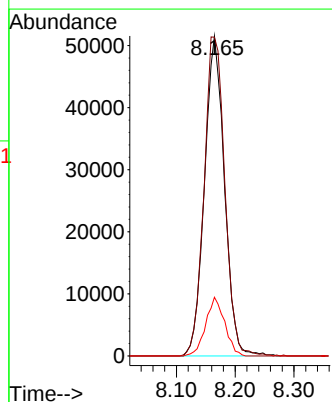
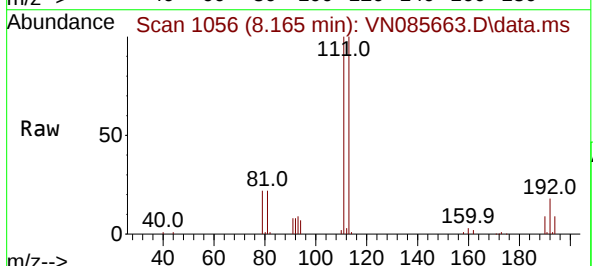
Tgt Ion:113 Resp: 121491

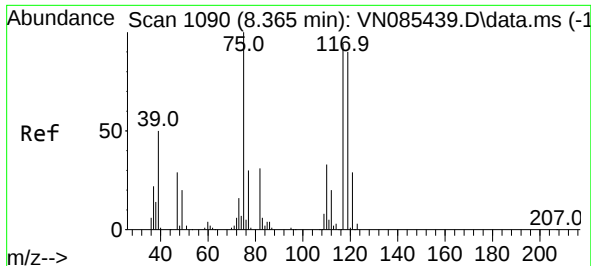
Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.553 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085663.D

Acq: 04 Feb 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-02

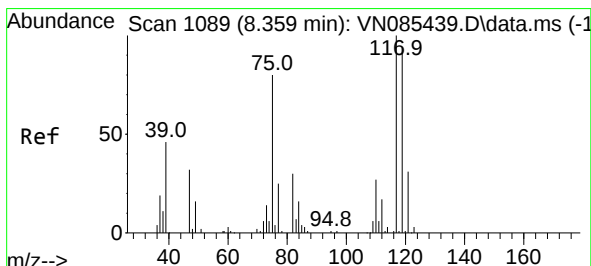
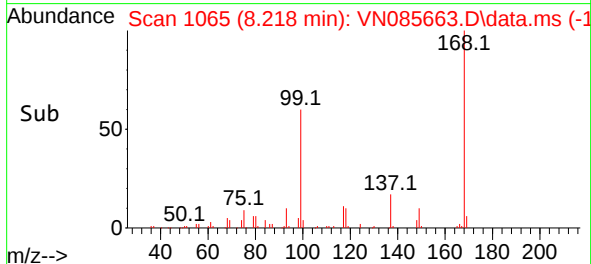
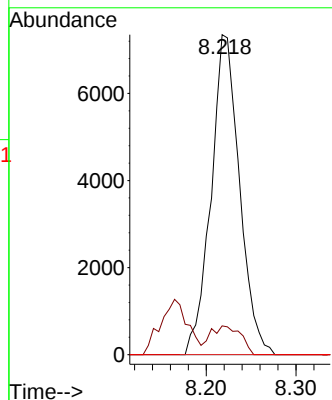
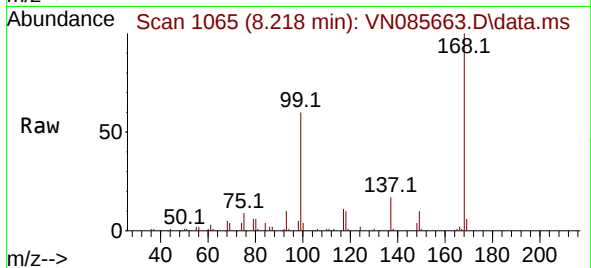
Tgt Ion: 75 Resp: 16191

Ion Ratio Lower Upper

75 100

110 9.6 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.061 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085663.D

Acq: 04 Feb 2025 19:51

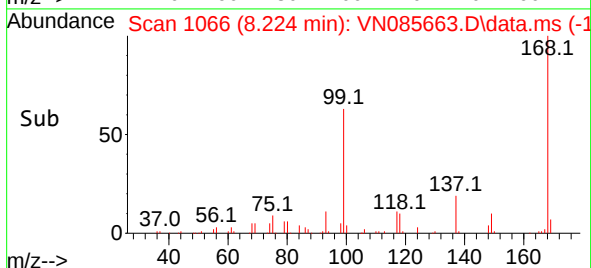
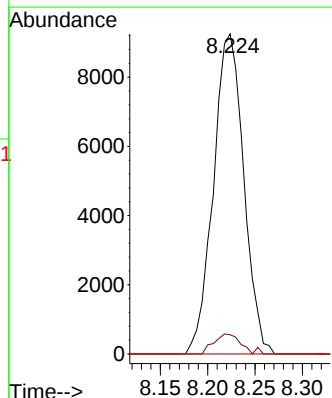
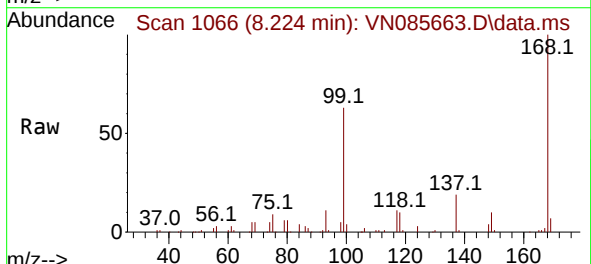
Tgt Ion: 117 Resp: 20606

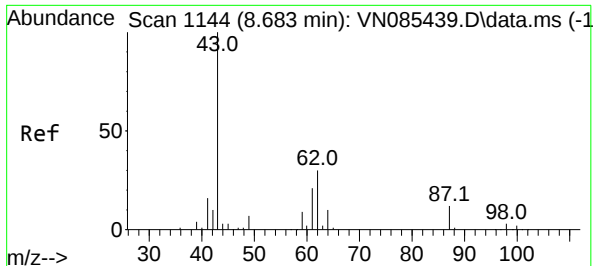
Ion Ratio Lower Upper

117 100

119 6.0 75.4 113.2#

121 0.0 24.6 37.0#

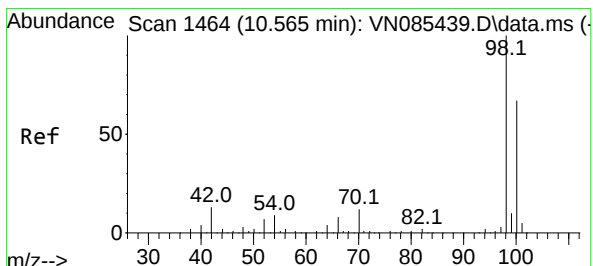
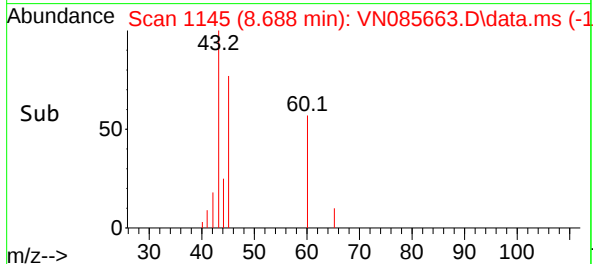
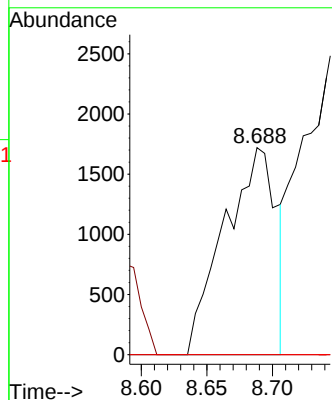
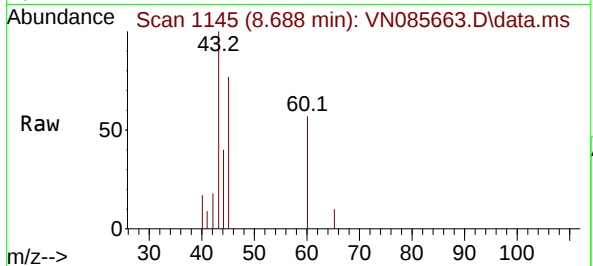




#43
Isopropyl Acetate
Concen: 0.823 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

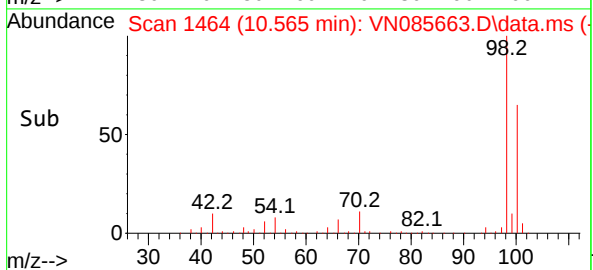
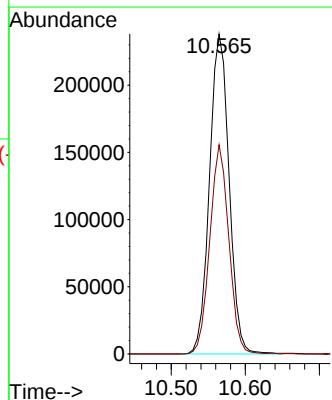
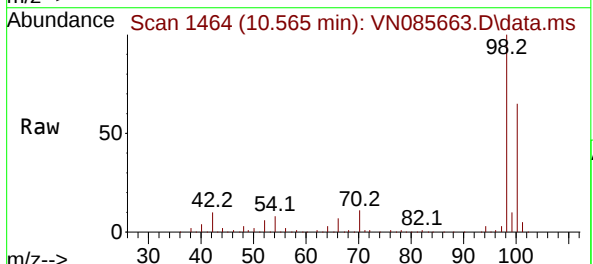
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-02

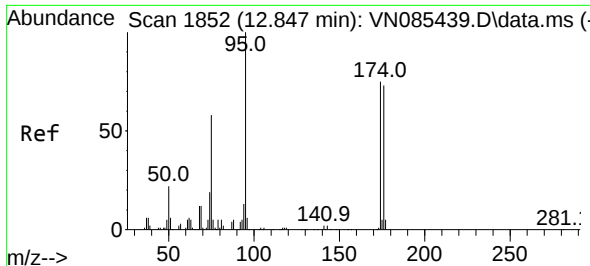
Tgt Ion: 43 Resp: 4734
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 48.531 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Tgt Ion: 98 Resp: 436930
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4

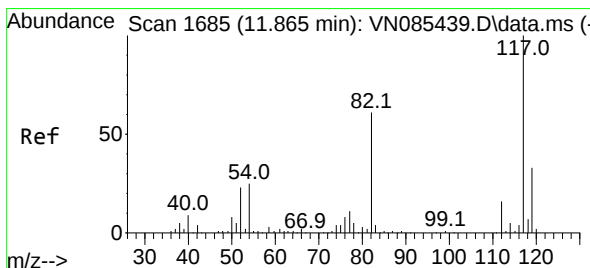
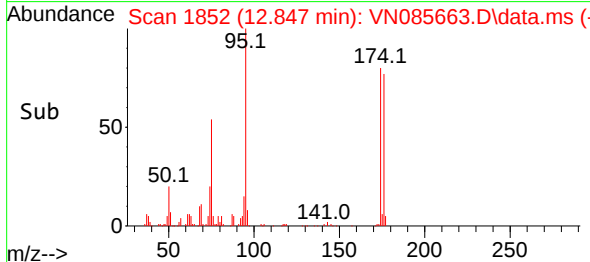
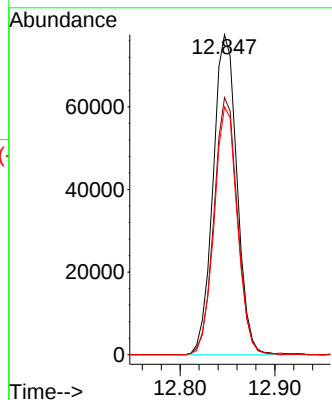
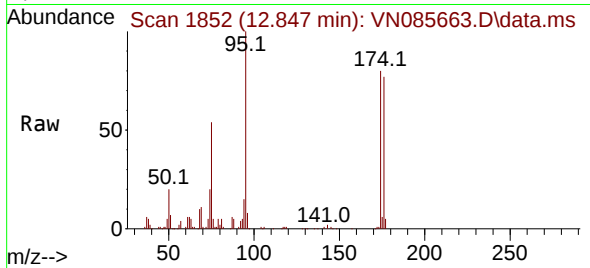




#62
4-Bromofluorobenzene
Concen: 43.952 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

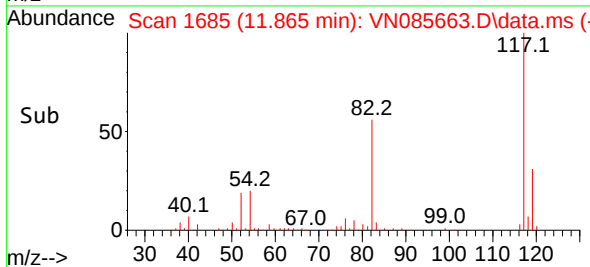
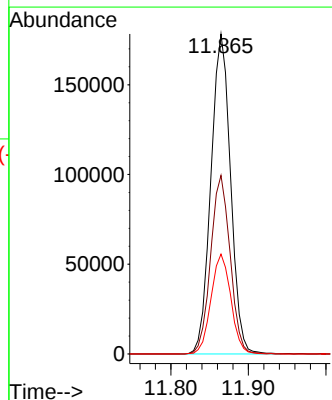
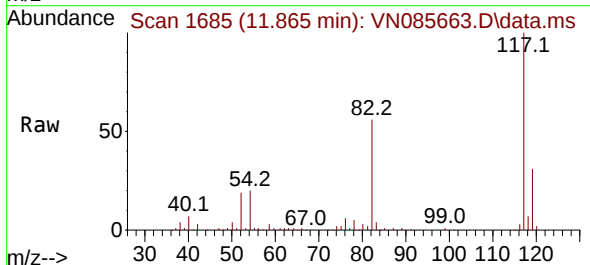
Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-02

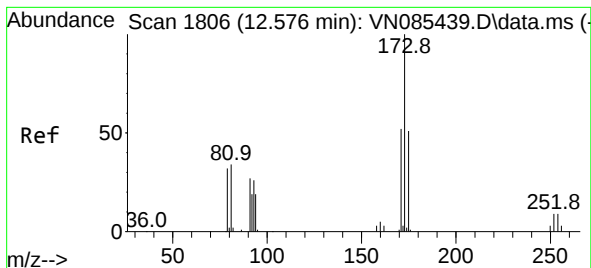
Tgt Ion: 95 Resp: 135360
Ion Ratio Lower Upper
95 100
174 79.3 0.0 145.0
176 75.8 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Tgt Ion: 117 Resp: 313691
Ion Ratio Lower Upper
117 100
82 55.8 48.6 72.8
119 31.2 26.6 39.8





#71

Bromoform

Concen: 0.692 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN085663.D

Acq: 04 Feb 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

SW-WTS-02

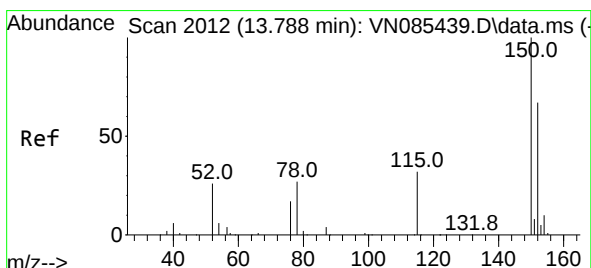
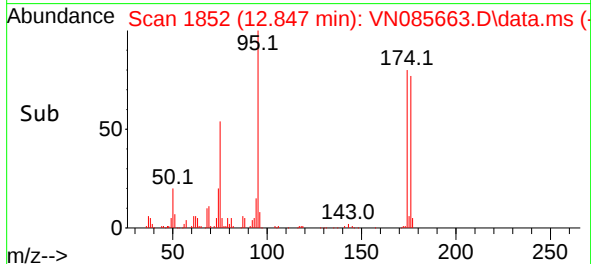
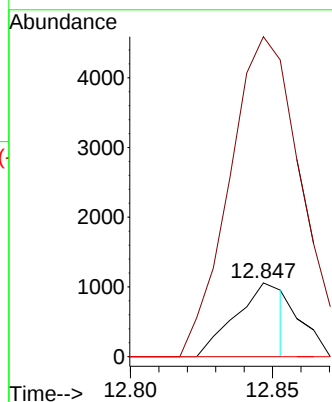
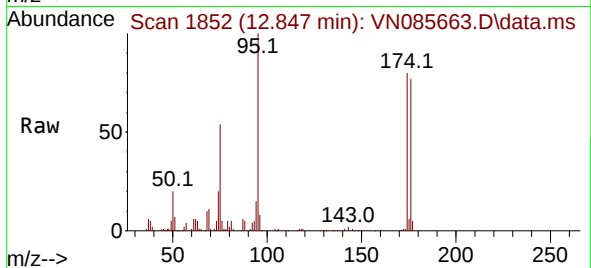
Tgt Ion:173 Resp: 1248

Ion Ratio Lower Upper

173 100

175 489.6 24.4 73.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085663.D

Acq: 04 Feb 2025 19:51

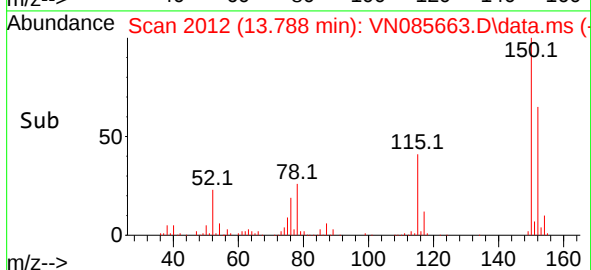
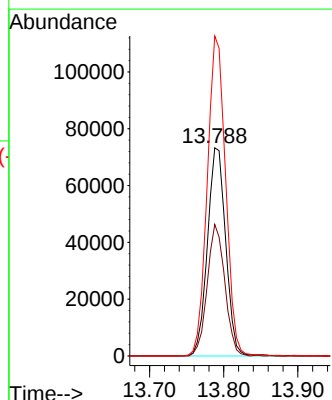
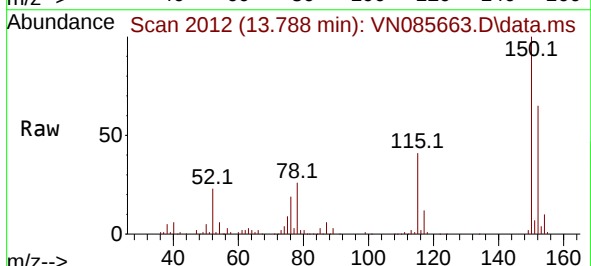
Tgt Ion:152 Resp: 125407

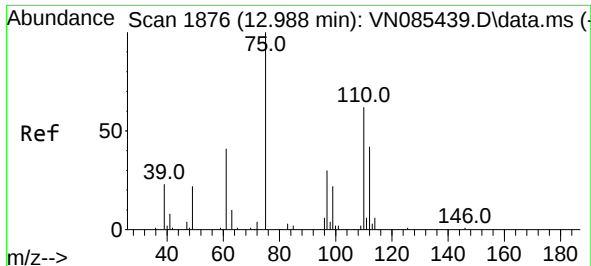
Ion Ratio Lower Upper

152 100

115 60.9 31.1 93.3

150 154.3 0.0 343.6

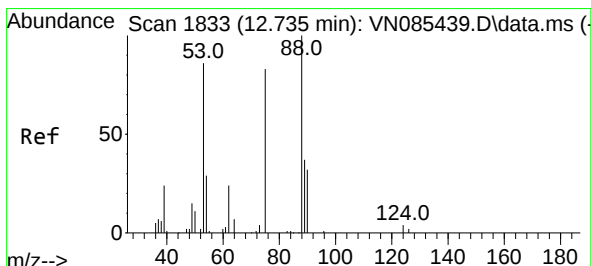
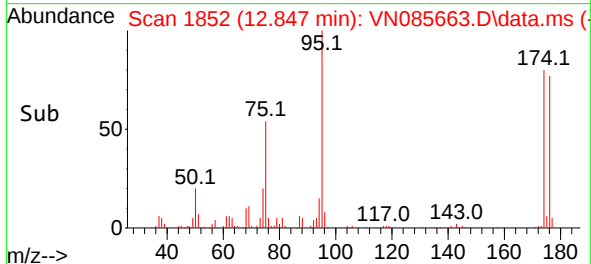
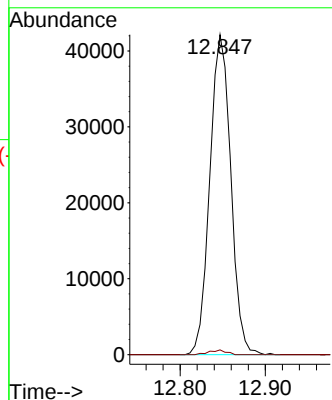
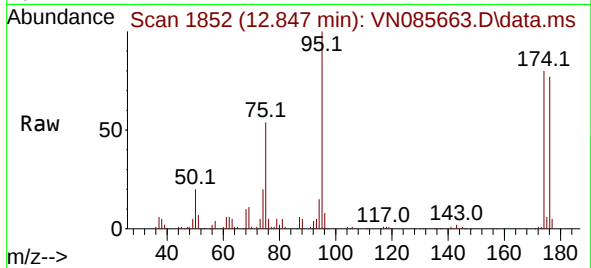




#76
1,2,3-Trichloropropane
Concen: 28.307 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
SW-WTS-02

Tgt Ion: 75 Resp: 72152
Ion Ratio Lower Upper
75 100
77 1.2 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.586 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085663.D
Acq: 04 Feb 2025 19:51

Tgt Ion: 75 Resp: 72152
Ion Ratio Lower Upper
75 100
53 0.1 95.6 143.4#
89 0.0 37.0 55.6#

