

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084436.D
 Acq On : 21 Oct 2024 15:17
 Operator : JC\MD
 Sample : P4438-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:54:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

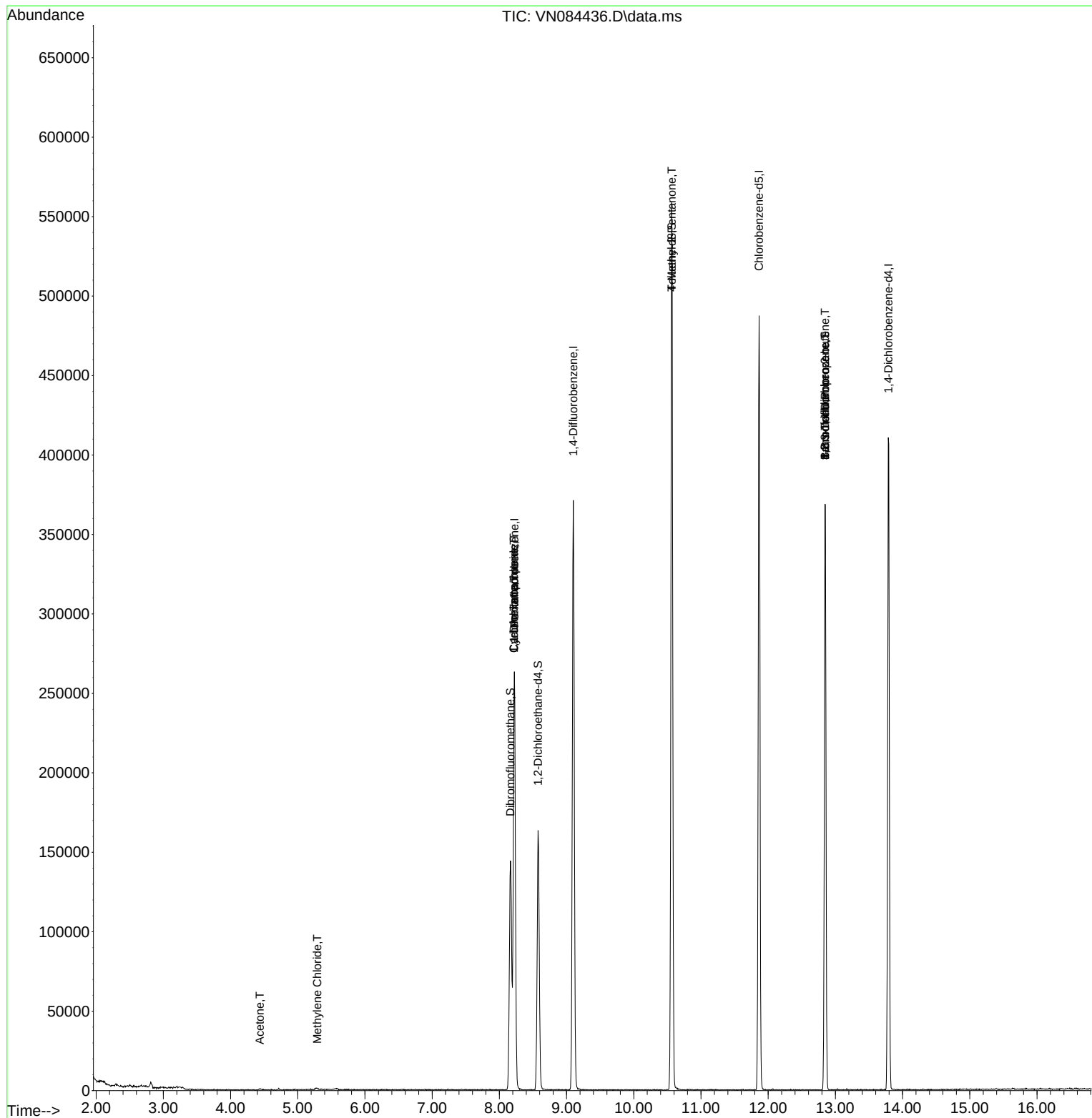
Internal Standards						
1) Pentafluorobenzene	8.224	168	187661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131560	47.283	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.560%		
35) Dibromofluoromethane	8.165	113	105217	50.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.160%		
50) Toluene-d8	10.565	98	383263	49.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.847	95	128518	45.642	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.280%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	799	0.668	ug/l #	44
20) Methylene Chloride	5.289	84	713	0.293	ug/l #	60
31) Cyclohexane	8.218	56	4134	1.003	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	16296	5.340	ug/l #	49
38) Carbon Tetrachloride	8.218	117	19942	5.958	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1725	0.579	ug/l #	1
71) Bromoform	12.847	173	731	0.466	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67640	30.027	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67640	71.990	ug/l #	11

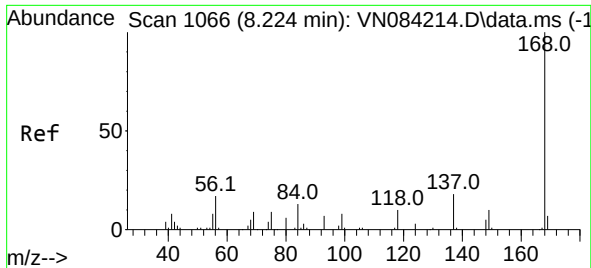
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

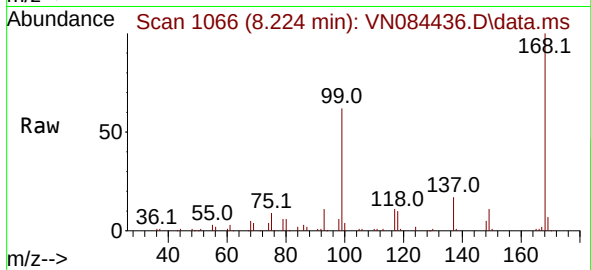
Quant Time: Oct 22 07:54:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



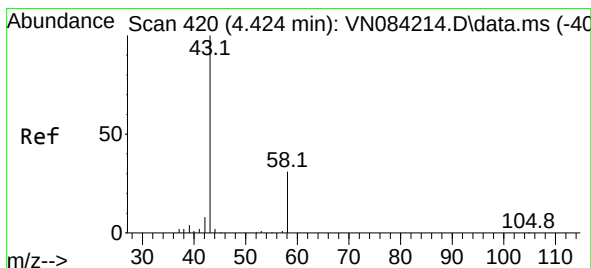
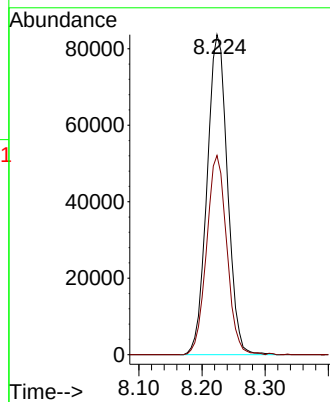
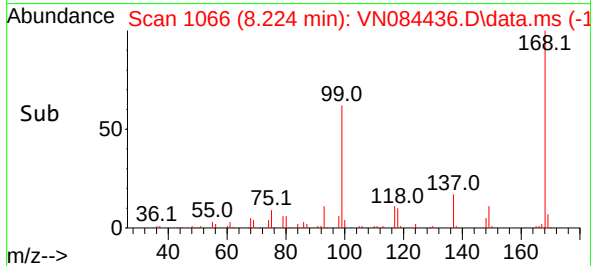


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :

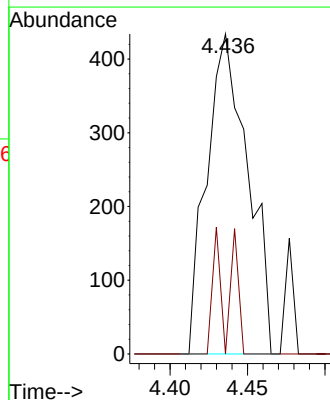
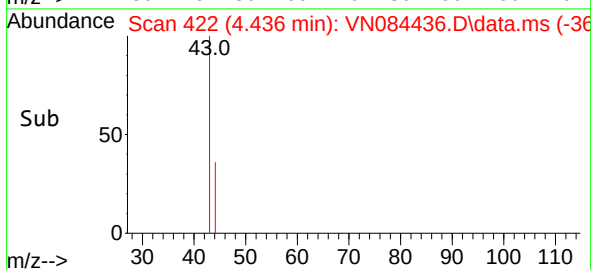
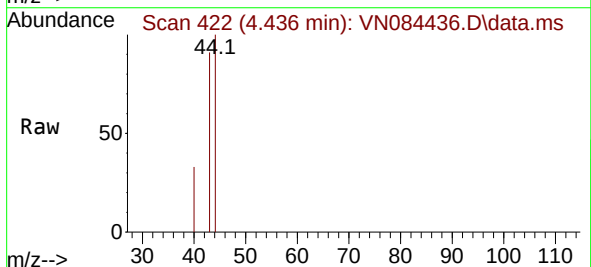


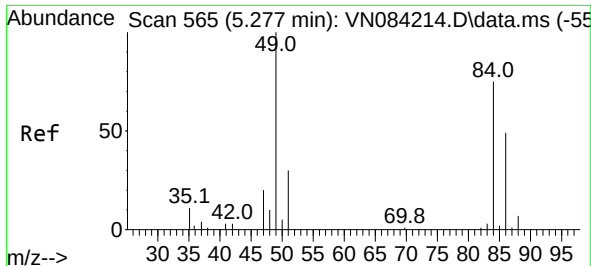
Tgt Ion:168 Resp: 187661
Ion Ratio Lower Upper
168 100
99 62.3 54.2 81.2



#16
Acetone
Concen: 0.668 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

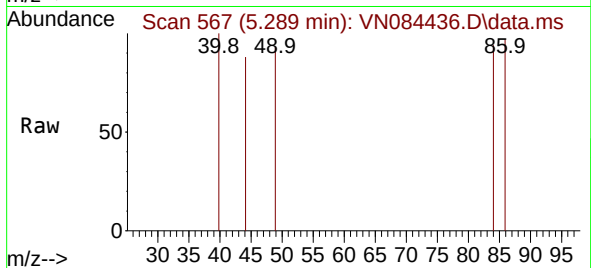
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



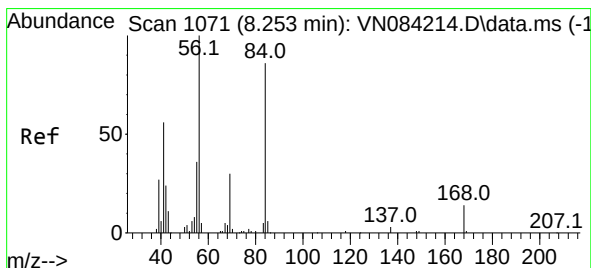
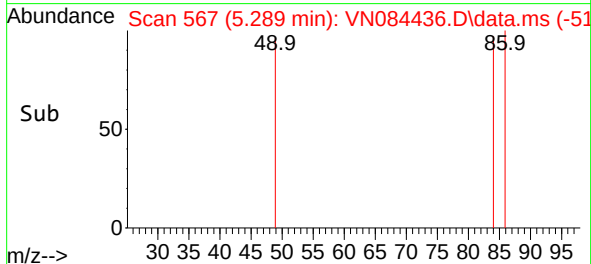
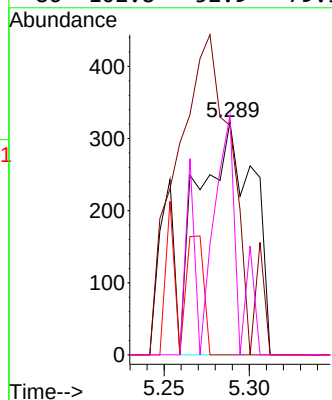


#20
Methylene Chloride
Concen: 0.293 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :

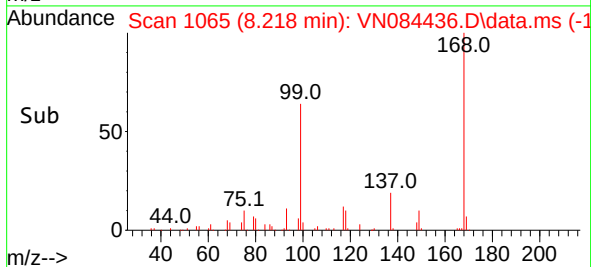
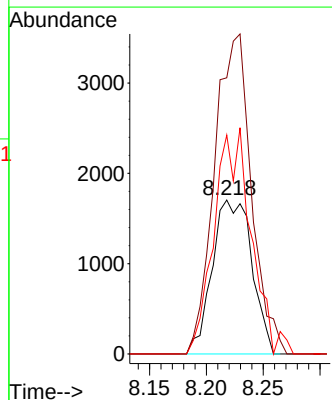
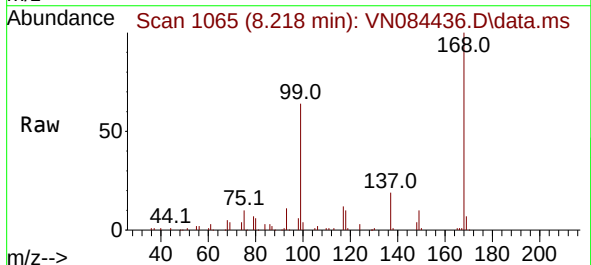


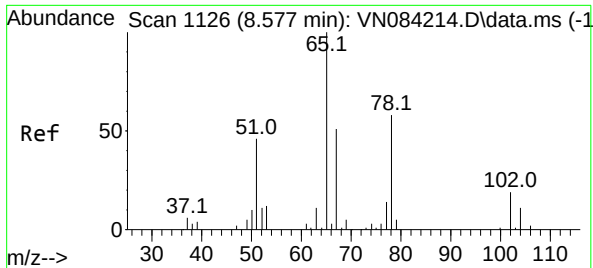
Tgt Ion:	84	Resp:	713
Ion	Ratio	Lower	Upper
84	100		
49	98.5	107.2	160.8#
51	0.0	31.8	47.8#
86	102.8	52.9	79.3#



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Tgt Ion:	56	Resp:	4134
Ion	Ratio	Lower	Upper
56	100		
69	179.4	23.8	35.6#
84	142.2	68.8	103.2#

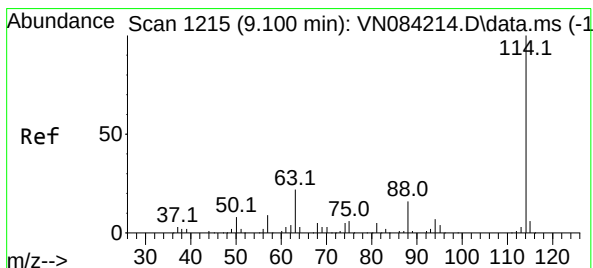
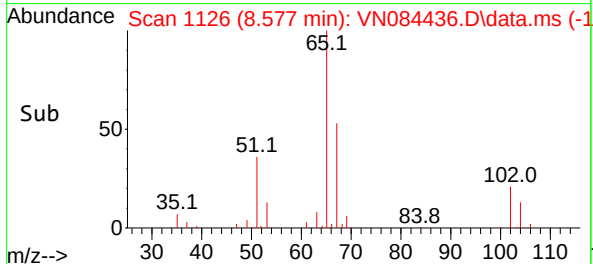
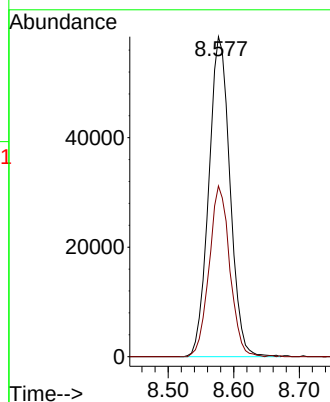
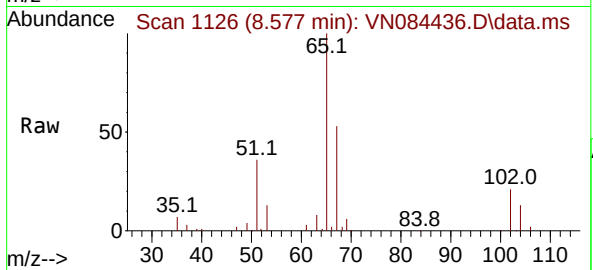




#33
1,2-Dichloroethane-d4
Concen: 47.283 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

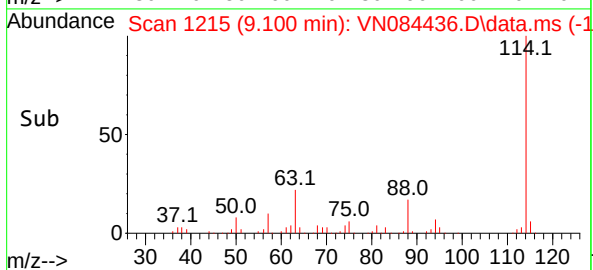
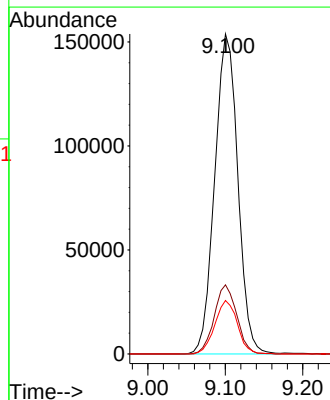
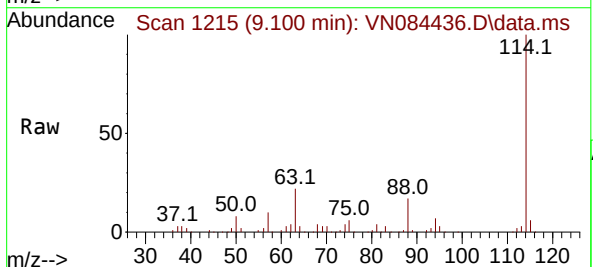
Instrument :
MSVOA_N
ClientSampleId :

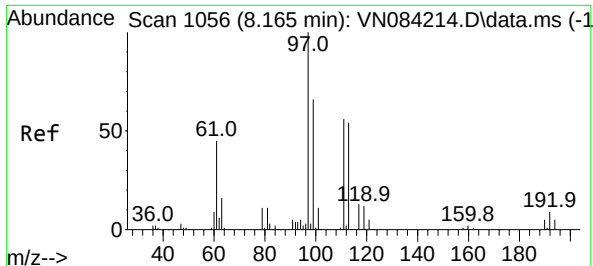
Tgt Ion: 65 Resp: 131560
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Tgt Ion: 114 Resp: 318658
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.8
88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.084 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

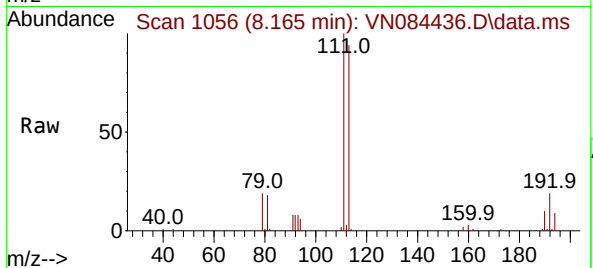
Lab File: VN084436.D

Acq: 21 Oct 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :



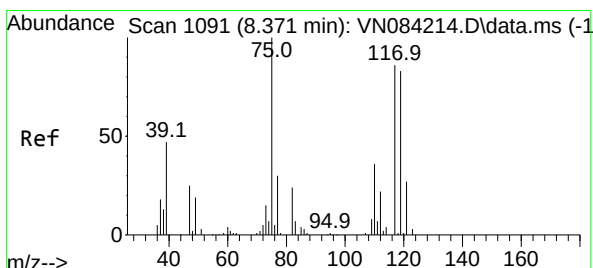
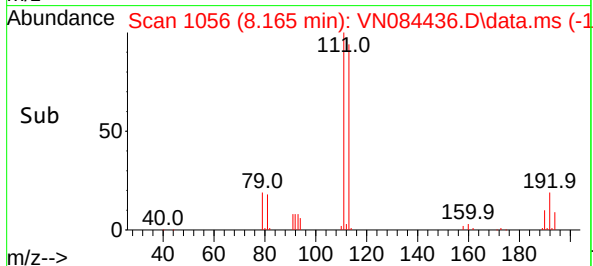
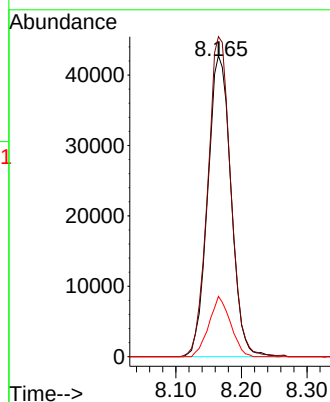
Tgt Ion:113 Resp: 105217

Ion Ratio Lower Upper

113 100

111 105.2 83.3 124.9

192 18.5 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.340 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084436.D

Acq: 21 Oct 2024 15:17

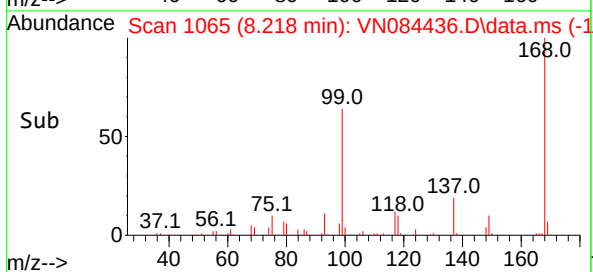
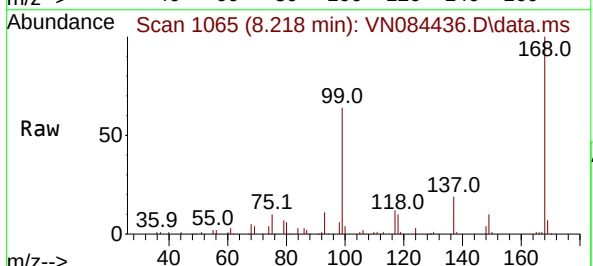
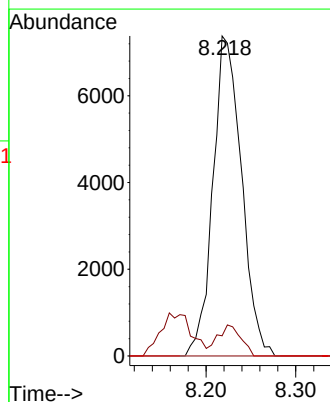
Tgt Ion: 75 Resp: 16296

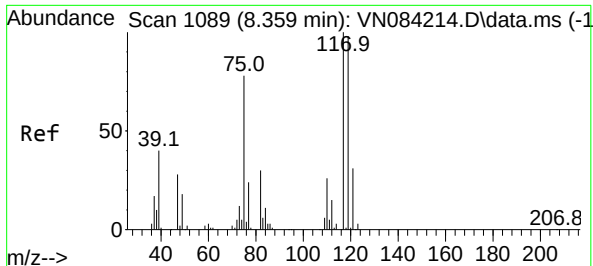
Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.7#

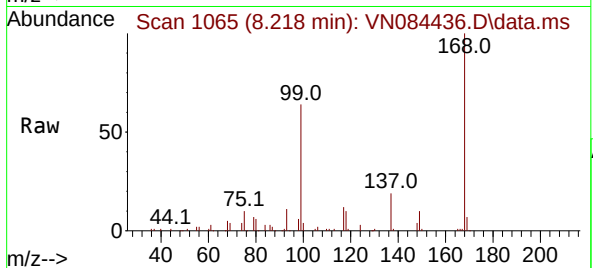
77 0.0 24.7 37.1#



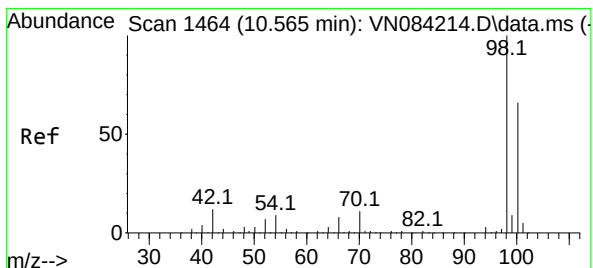
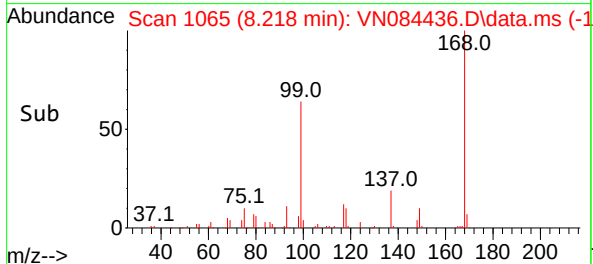
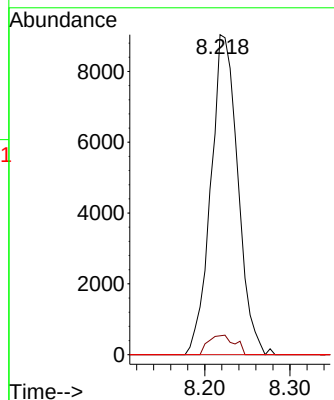


#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :

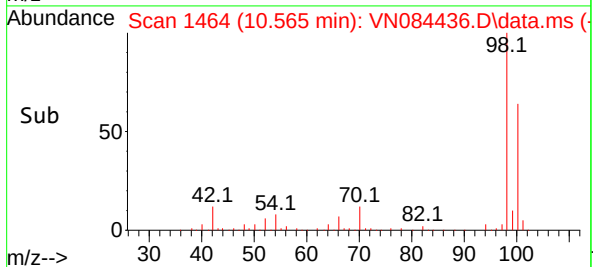
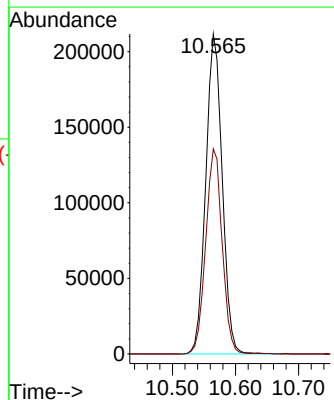
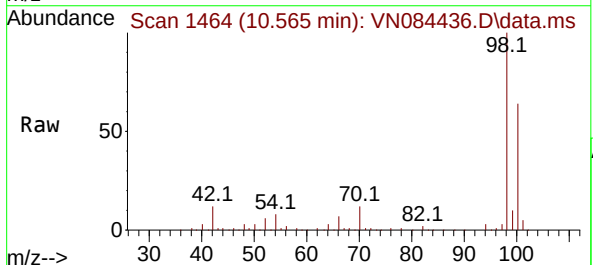


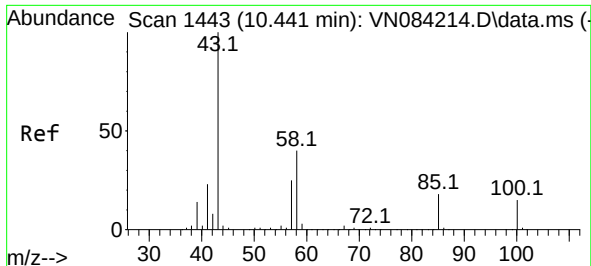
Tgt Ion:117 Resp: 19942
Ion Ratio Lower Upper
117 100
119 5.9 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.587 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Tgt Ion: 98 Resp: 383263
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1

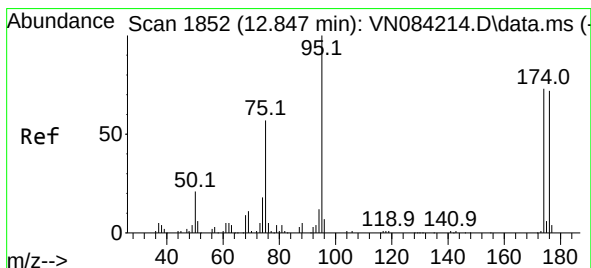
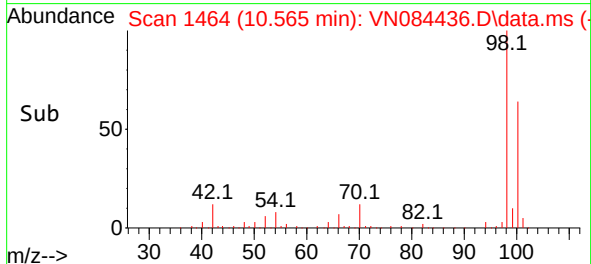
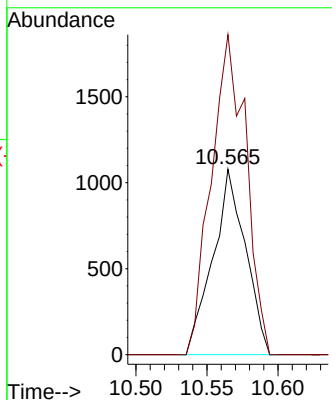
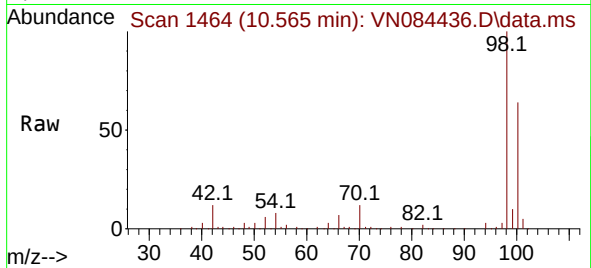




#51
4-Methyl-2-Pentanone
Concen: 0.579 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

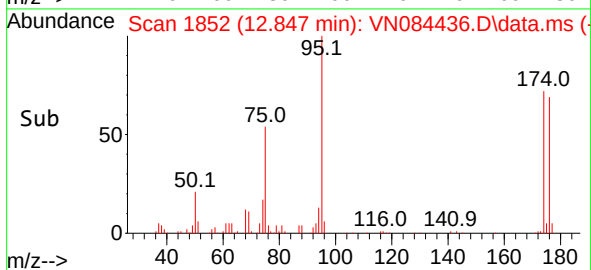
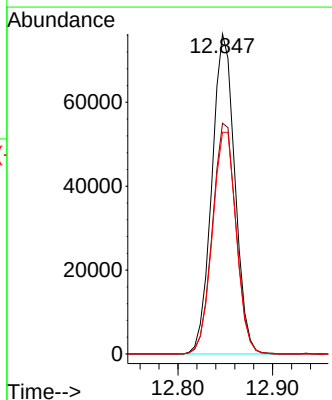
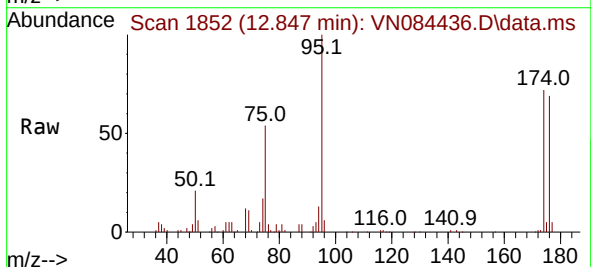
Instrument :
MSVOA_N
ClientSampleId :

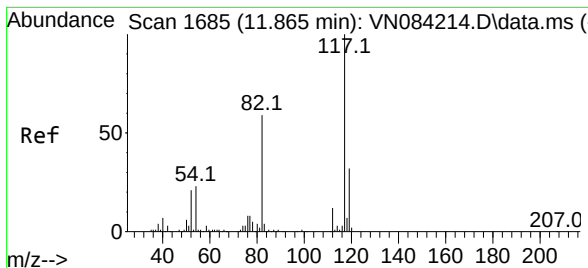
Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
58 184.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

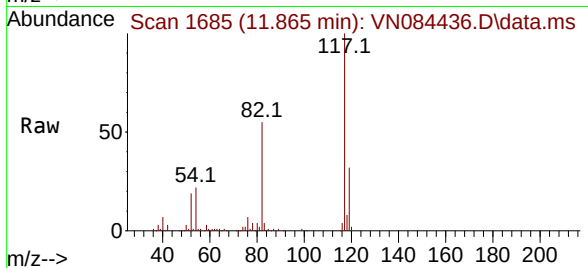
Tgt Ion: 95 Resp: 128518
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 72.2 0.0 140.0



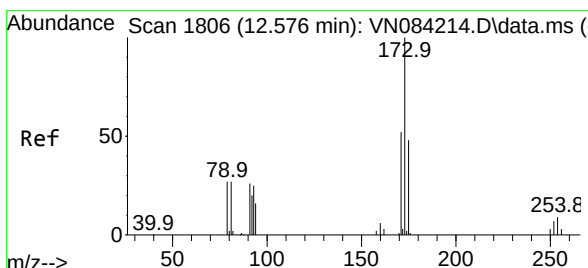
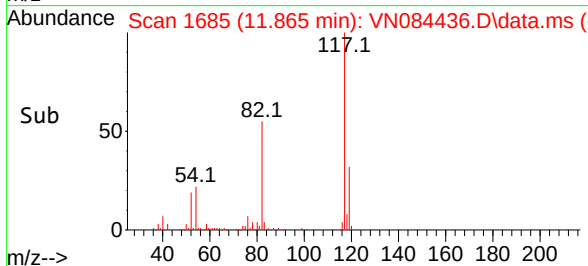
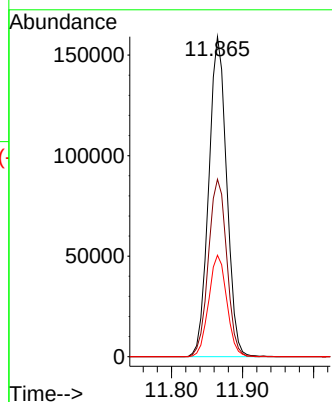


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :

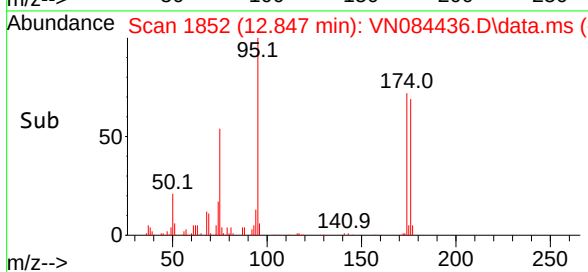
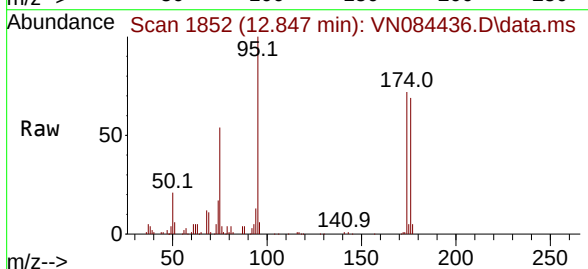
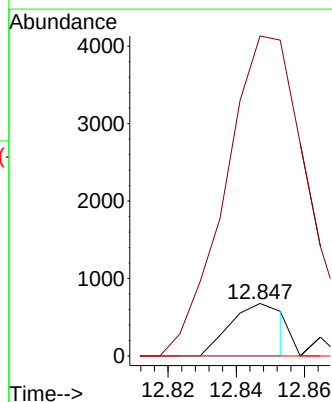


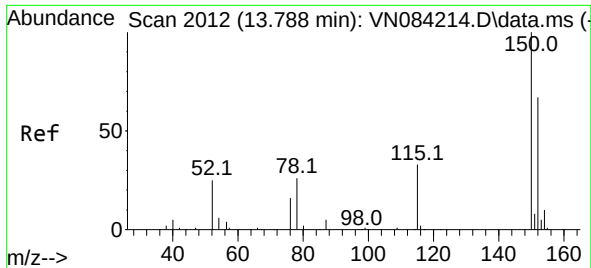
Tgt Ion:117 Resp: 278906
Ion Ratio Lower Upper
117 100
82 55.5 47.2 70.8
119 31.7 25.4 38.0



#71
Bromoform
Concen: 0.466 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

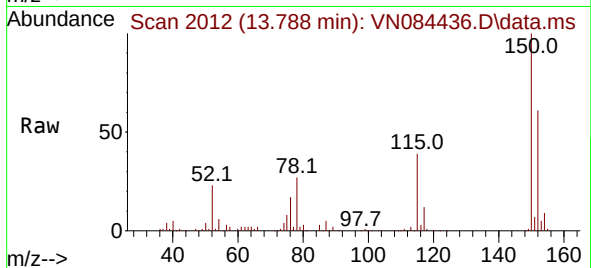
Tgt Ion:173 Resp: 731
Ion Ratio Lower Upper
173 100
175 701.2 23.5 70.6#
254 0.0 0.0 0.0



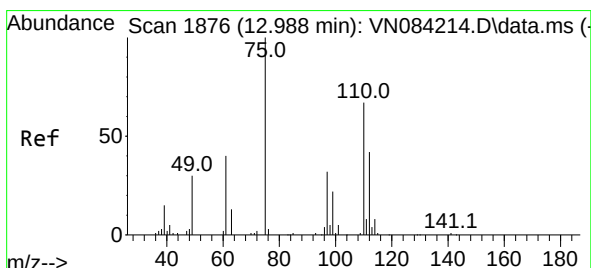
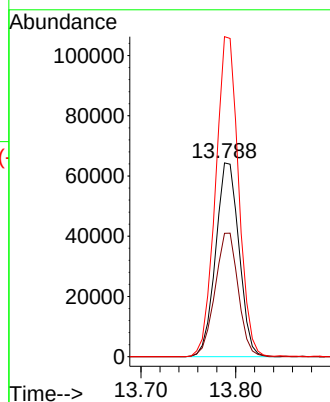
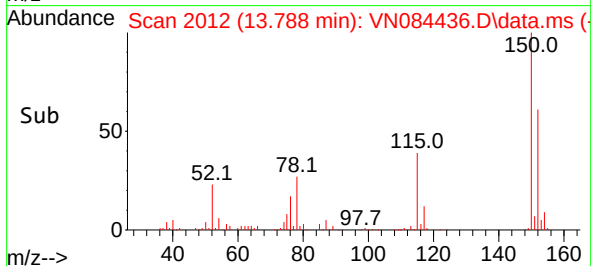


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084436.D
 Acq: 21 Oct 2024 15:17

Instrument :
 MSVOA_N
 ClientSampleId :

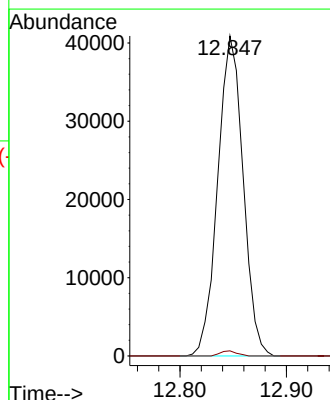
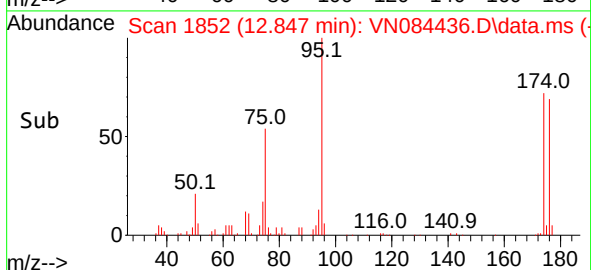
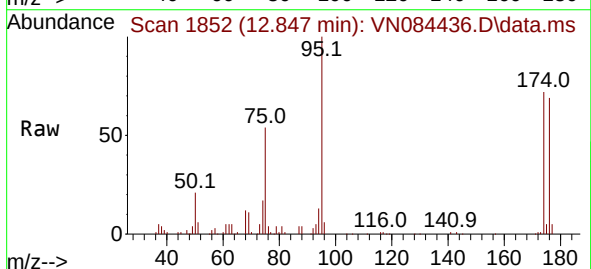


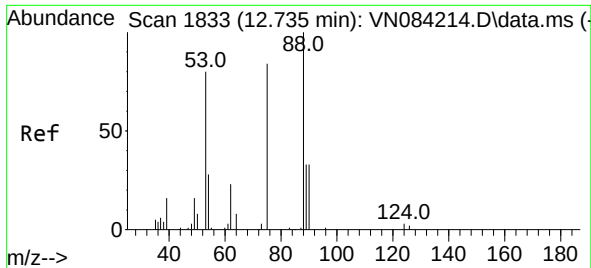
Tgt Ion:152 Resp: 110339
 Ion Ratio Lower Upper
 152 100
 115 63.3 31.3 93.9
 150 162.4 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.027 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084436.D
 Acq: 21 Oct 2024 15:17

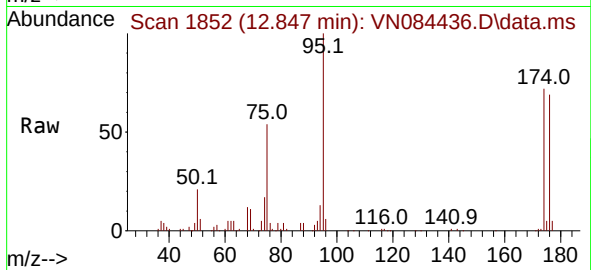
Tgt Ion: 75 Resp: 67640
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.990 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084436.D
Acq: 21 Oct 2024 15:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 67640
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

