

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084853.D
 Acq On : 14 Nov 2024 15:47
 Operator : JC\MD
 Sample : P4718-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:48:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

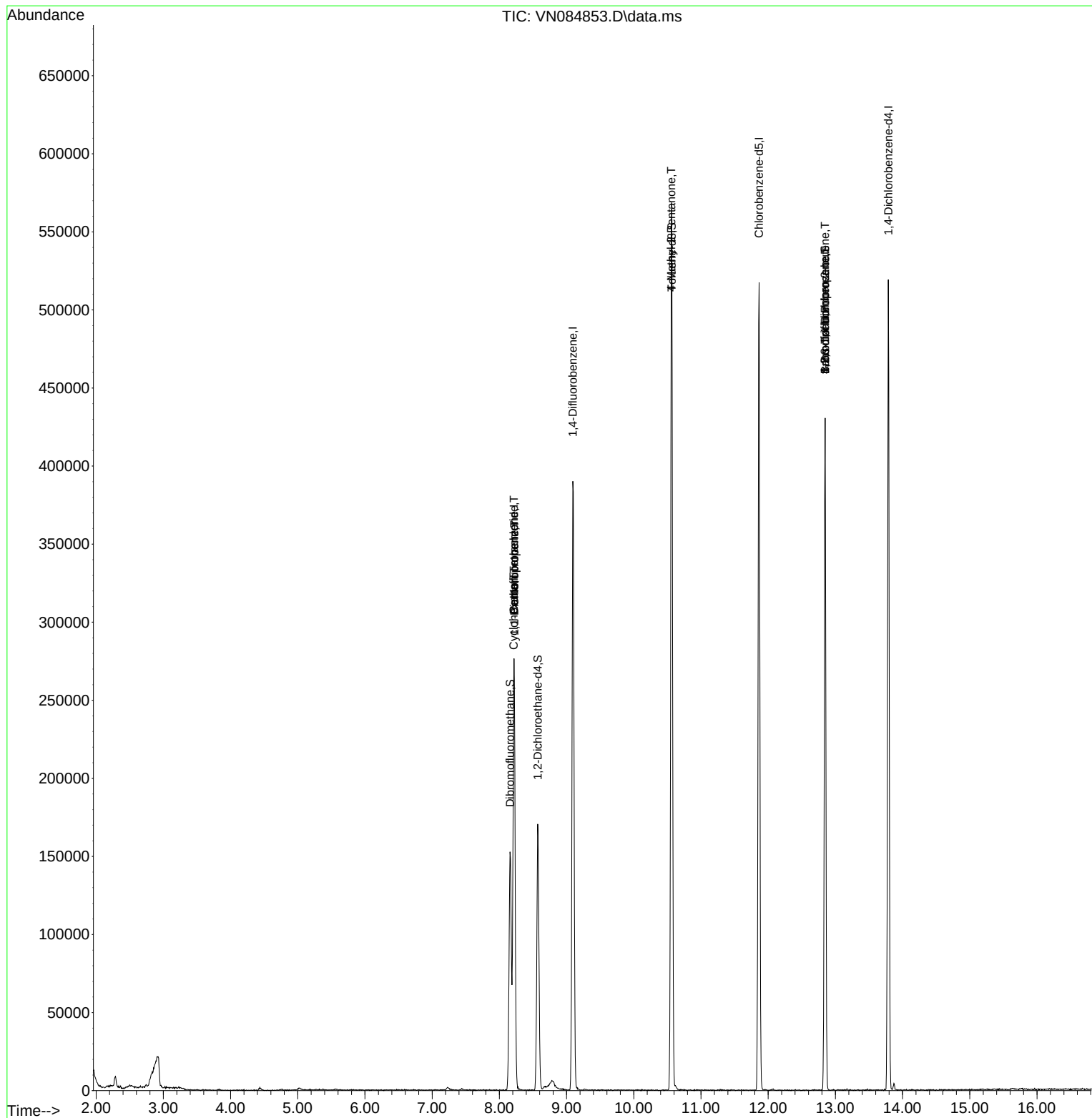
Internal Standards						
1) Pentafluorobenzene	8.218	168	203676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	345476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	140566	47.783	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.560%
35) Dibromofluoromethane	8.159	113	112509	48.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.565	98	397675	46.166	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.847	95	148708	46.192	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	942	Below Cal	#	85
6) Chloroethane	3.142	64	60	Below Cal	#	45
16) Acetone	4.436	43	1359	Below Cal		97
18) Methyl Acetate	5.030	43	2851	Below Cal	#	86
31) Cyclohexane	8.212	56	3888	0.957	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	16088	4.961	ug/l #	50
38) Carbon Tetrachloride	8.218	117	22028	6.077	ug/l #	17
43) Isopropyl Acetate	8.677	43	1649	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	1450	0.517	ug/l #	1
71) Bromoform	12.847	173	1009	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	76487	28.073	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76487	66.600	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	446	Below Cal	#	24

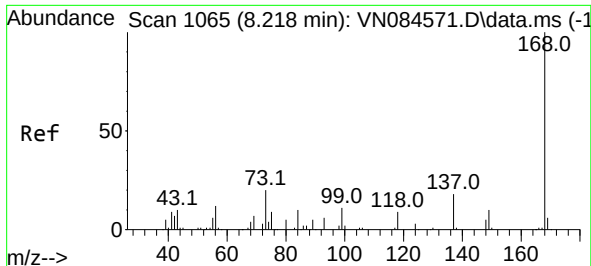
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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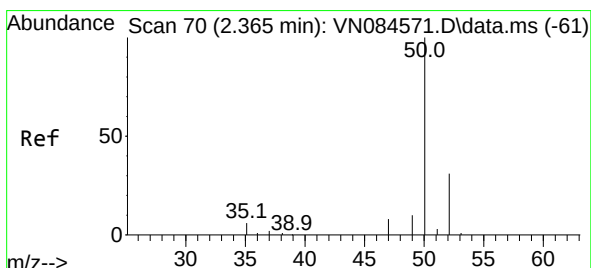
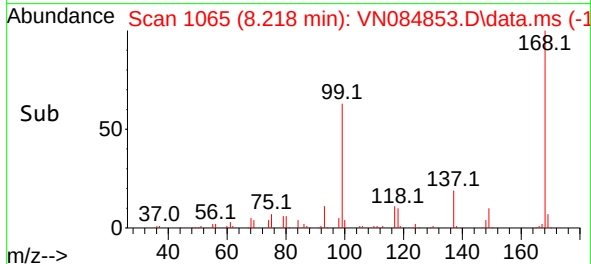
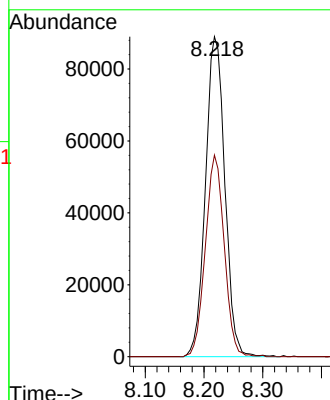
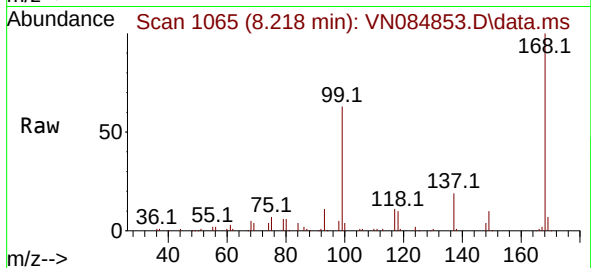




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

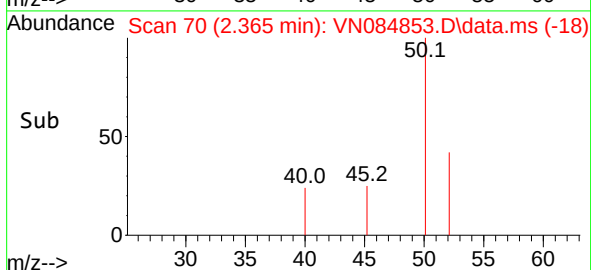
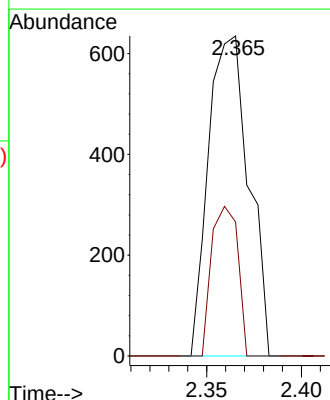
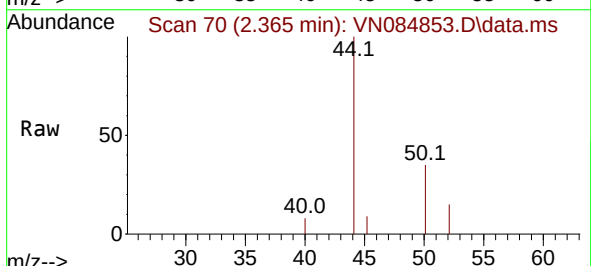
Instrument :
MSVOA_N
ClientSampleId :

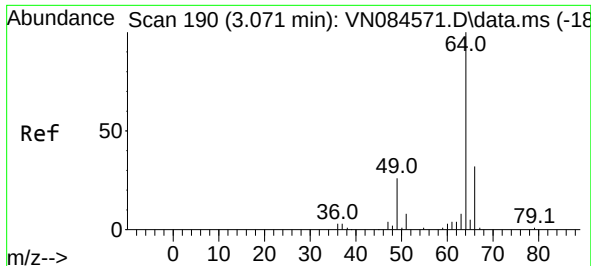
Tgt Ion:168 Resp: 203676
Ion Ratio Lower Upper
168 100
99 63.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Tgt Ion: 50 Resp: 942
Ion Ratio Lower Upper
50 100
52 41.9 26.8 40.2#

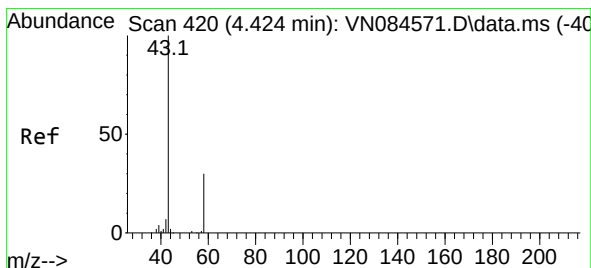
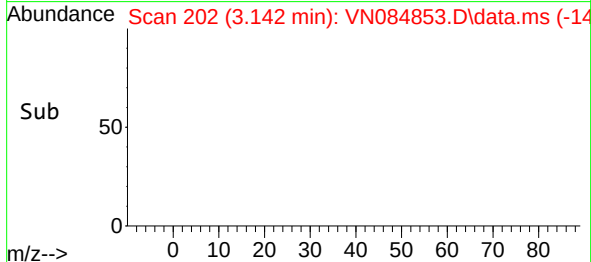
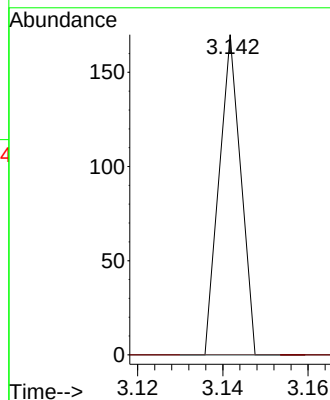
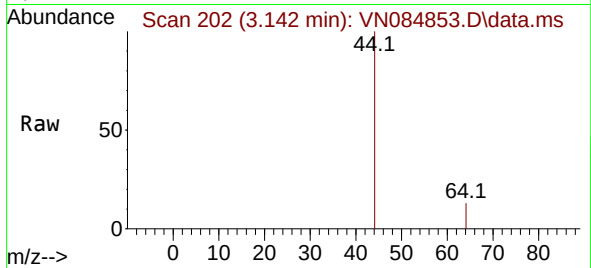




#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

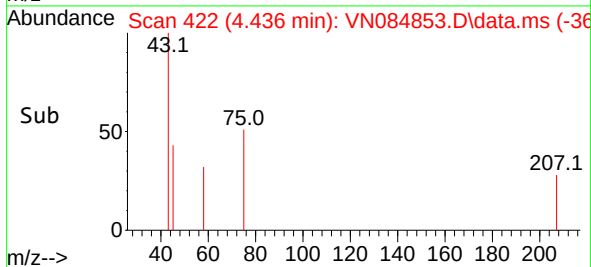
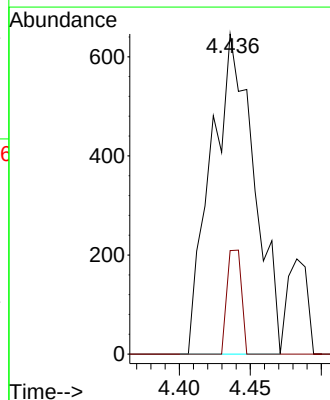
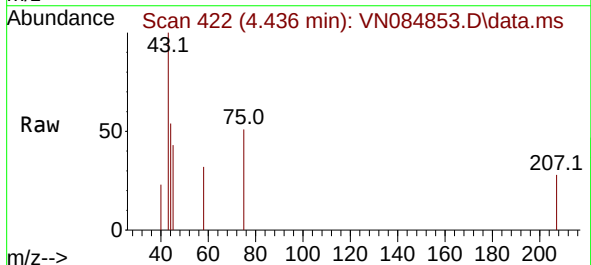
Instrument :
MSVOA_N
ClientSampleId :

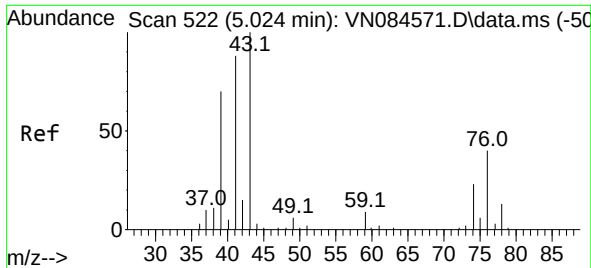
Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

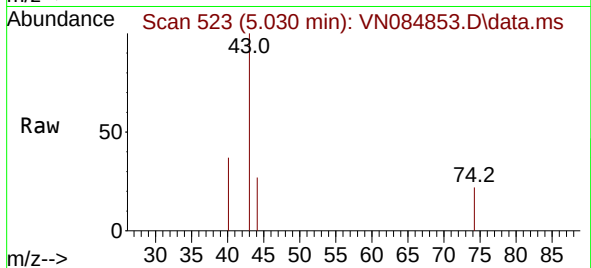
Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 32.4 24.4 36.6



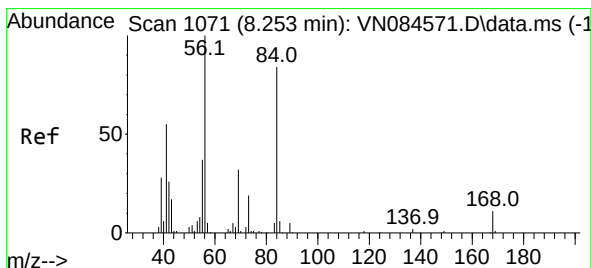
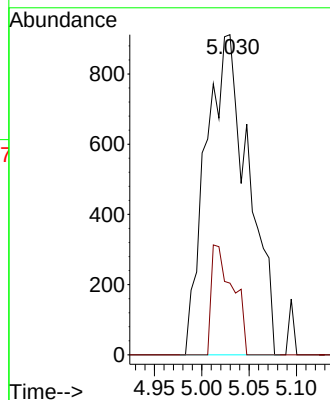
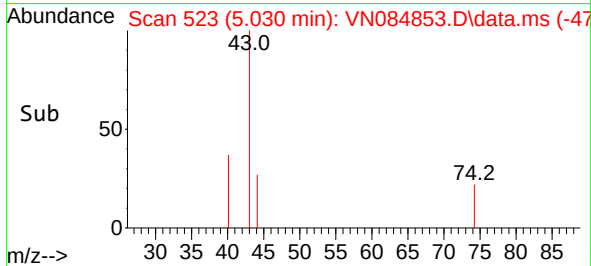


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :

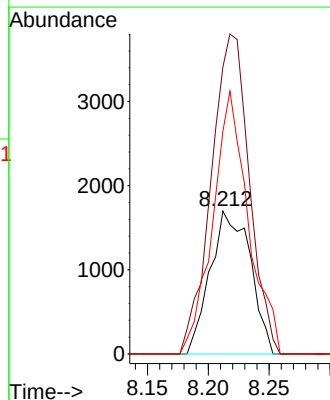
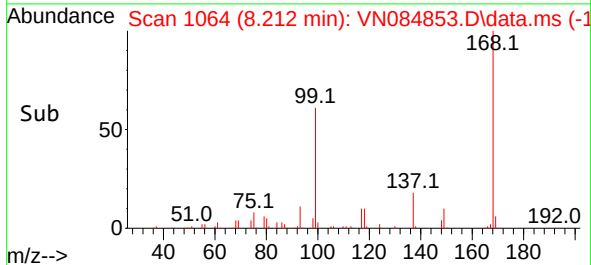
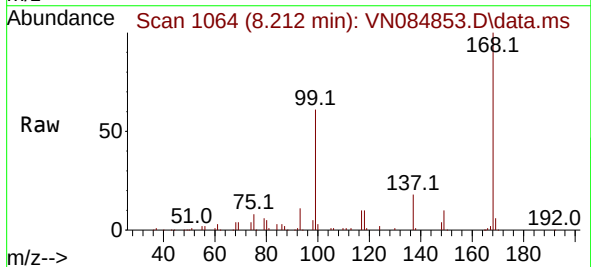


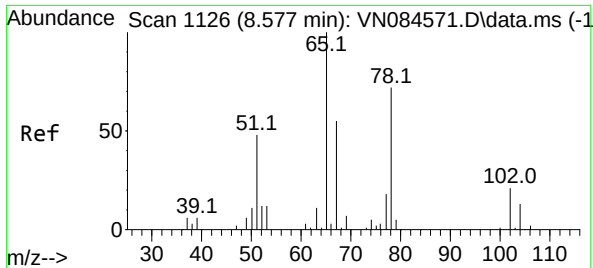
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
74 17.3 19.2 28.8#



#31
Cyclohexane
Concen: 0.957 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Tgt Ion: 56 Resp: 3888
Ion Ratio Lower Upper
56 100
69 201.0 23.8 35.6#
84 156.0 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.783 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

Instrument :

MSVOA_N

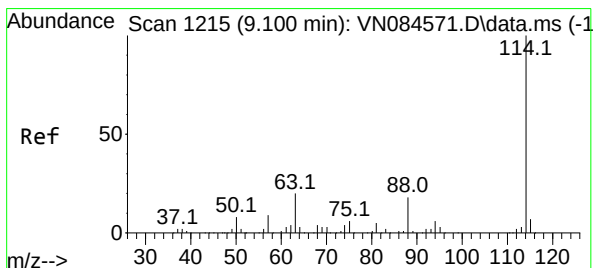
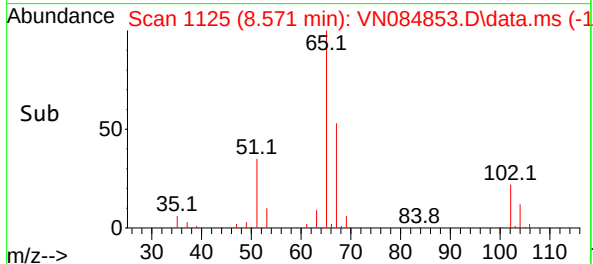
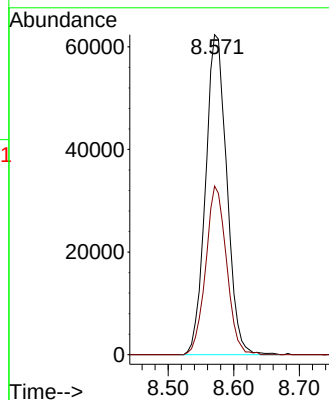
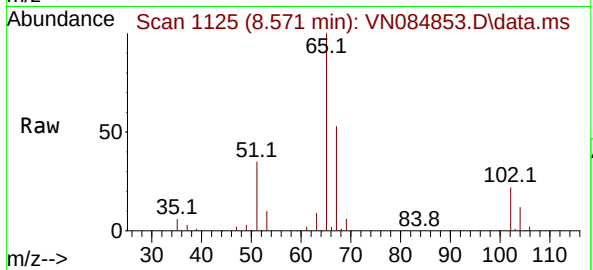
ClientSampleId :

Tgt Ion: 65 Resp: 140566

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

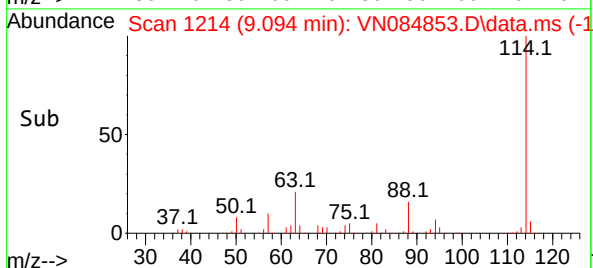
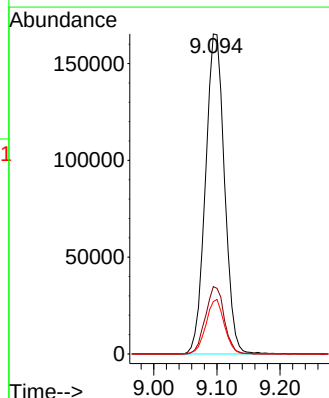
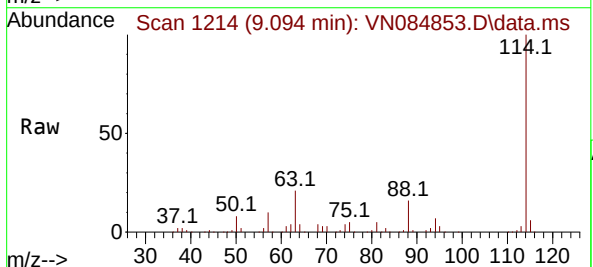
Tgt Ion: 114 Resp: 345476

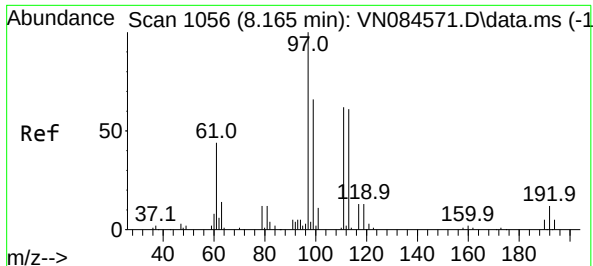
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.113 ug/l

RT: 8.159 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

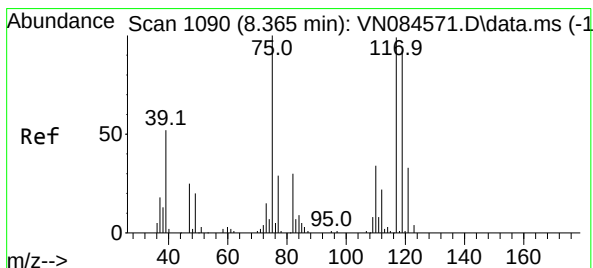
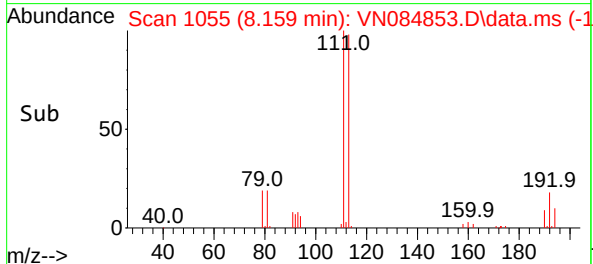
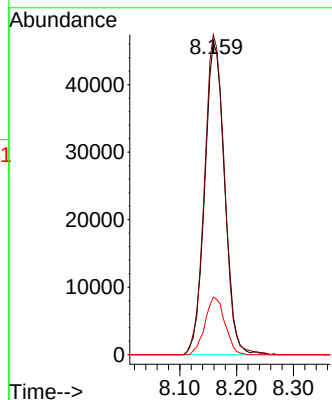
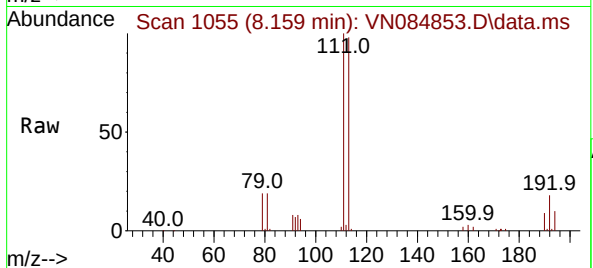
Tgt Ion:113 Resp: 112509

Ion Ratio Lower Upper

113 100

111 102.3 83.3 124.9

192 18.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.961 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

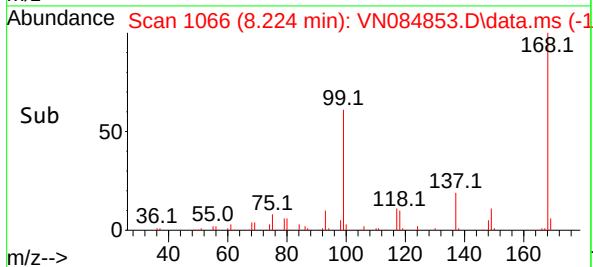
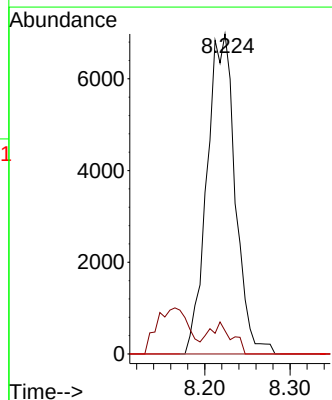
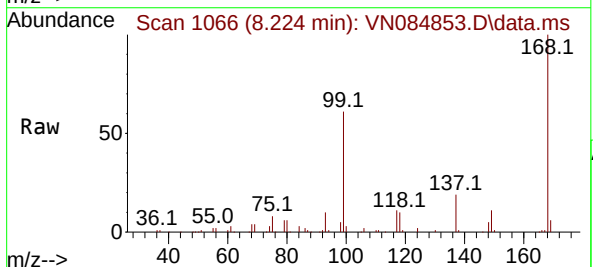
Tgt Ion: 75 Resp: 16088

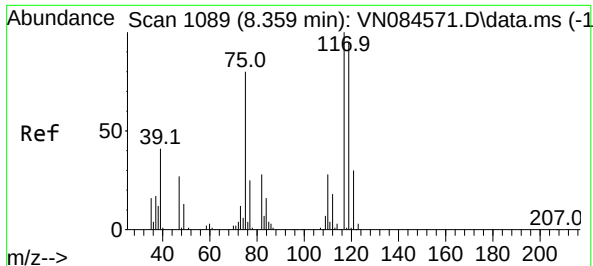
Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.7#

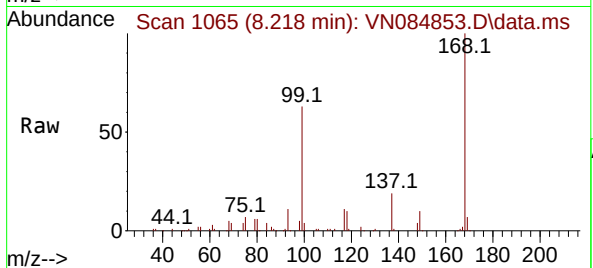
77 0.0 24.7 37.1#



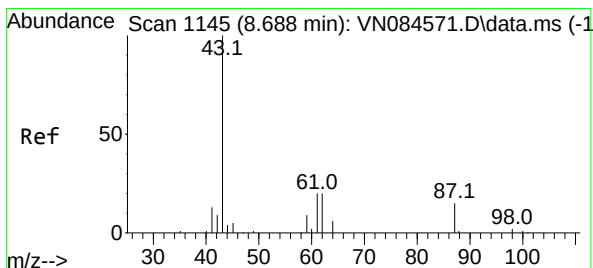
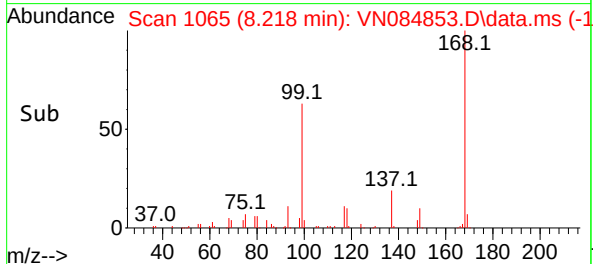
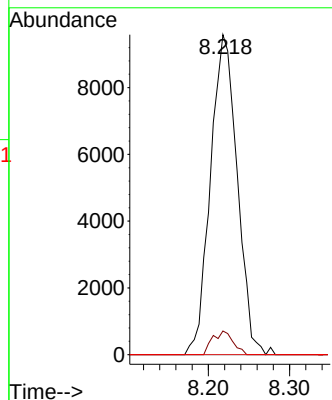


#38
Carbon Tetrachloride
Concen: 6.077 ug/l
RT: 8.218 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Instrument :
MSVOA_N
ClientSampleId :

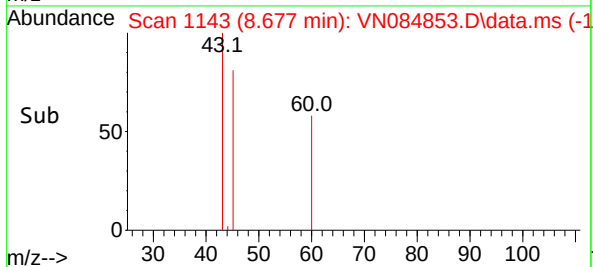
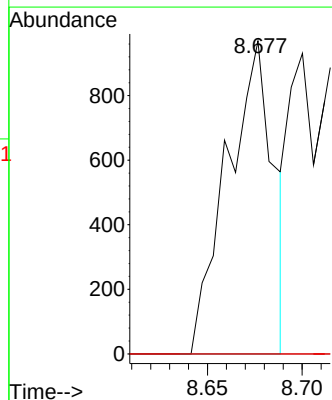
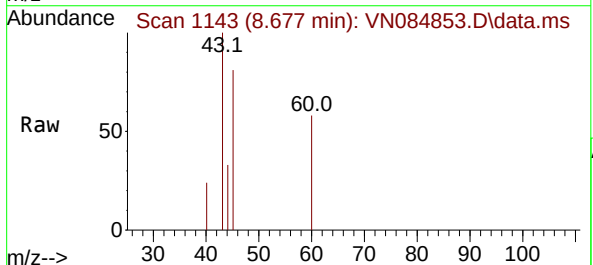


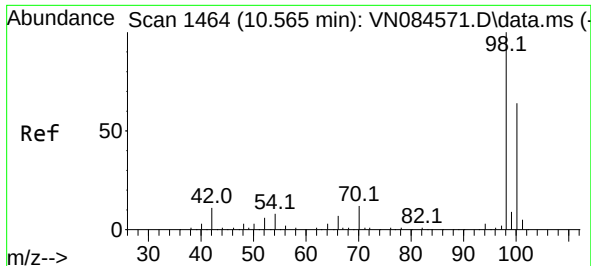
Tgt Ion:117 Resp: 22028
Ion Ratio Lower Upper
117 100
119 7.4 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Tgt Ion: 43 Resp: 1649
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

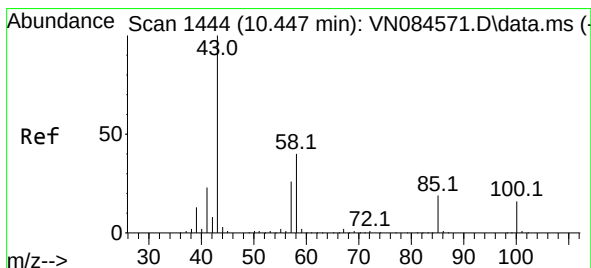
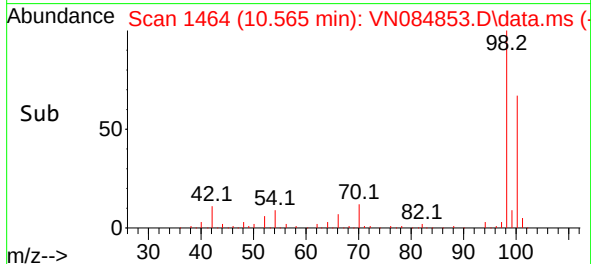
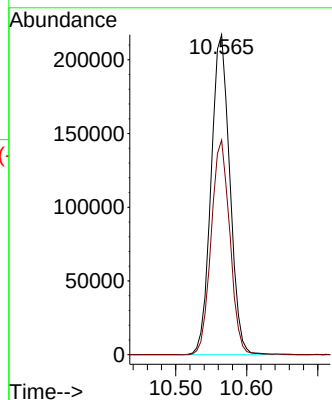
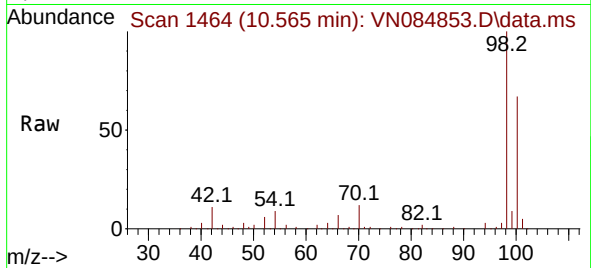




#50
Toluene-d8
Concen: 46.166 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

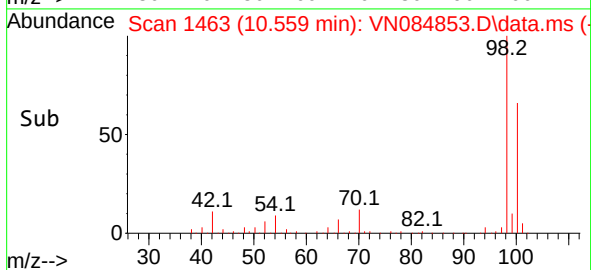
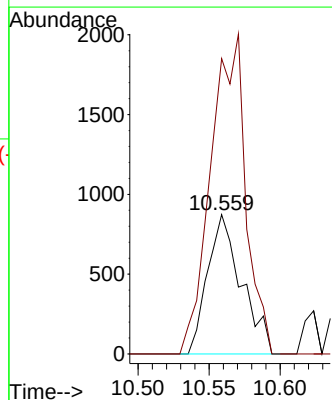
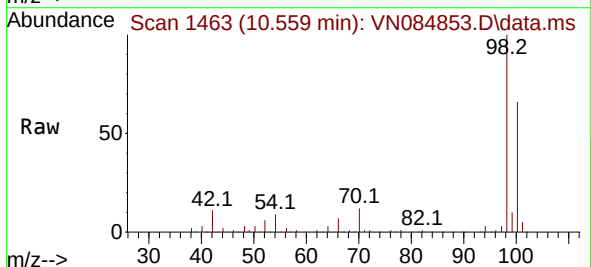
Instrument :
MSVOA_N
ClientSampleId :

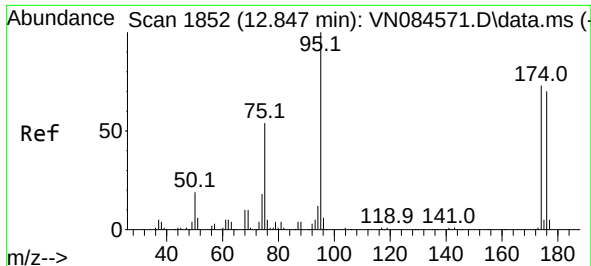
Tgt Ion: 98 Resp: 397675
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
58 237.0 31.6 47.4#

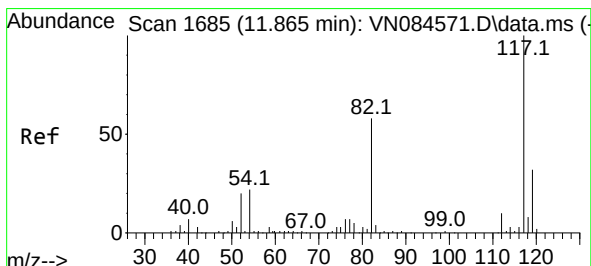
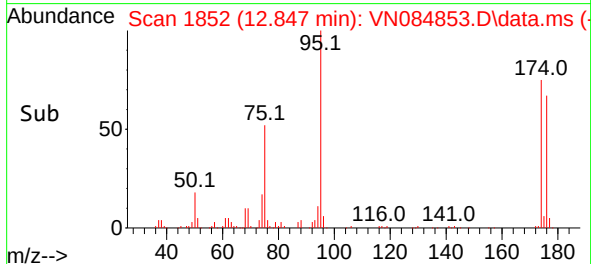
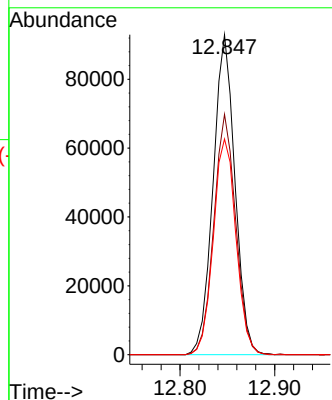
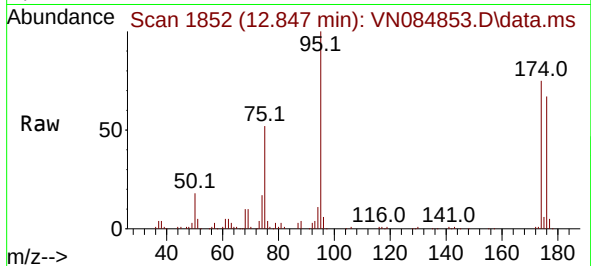




#62
4-Bromofluorobenzene
Concen: 46.192 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

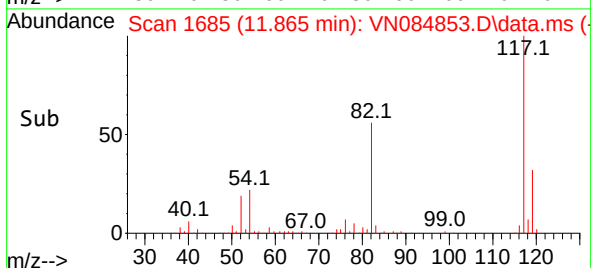
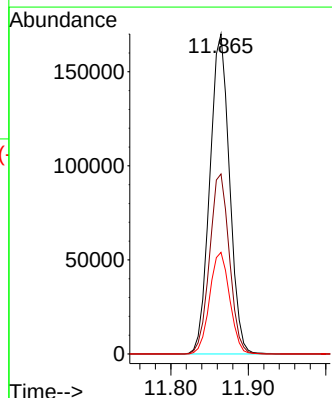
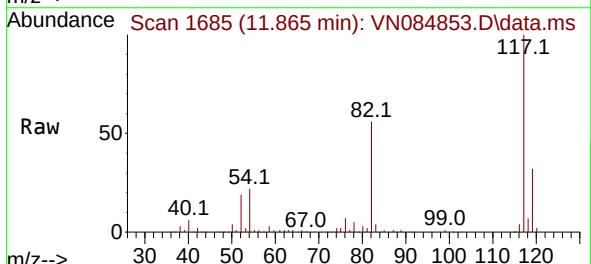
Instrument :
MSVOA_N
ClientSampleId :

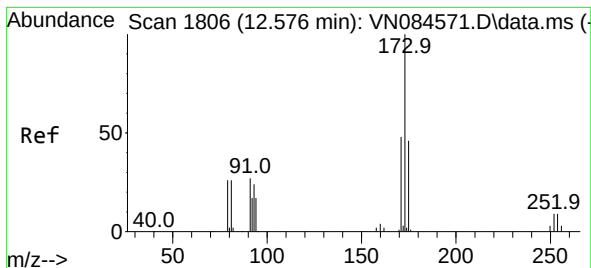
Tgt Ion: 95 Resp: 148708
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 70.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084853.D
Acq: 14 Nov 2024 15:47

Tgt Ion: 117 Resp: 299825
Ion Ratio Lower Upper
117 100
82 56.3 47.2 70.8
119 31.8 25.4 38.0





#71

Bromoform

Concen: 0.575 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :

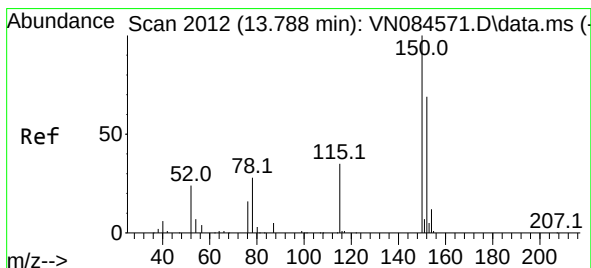
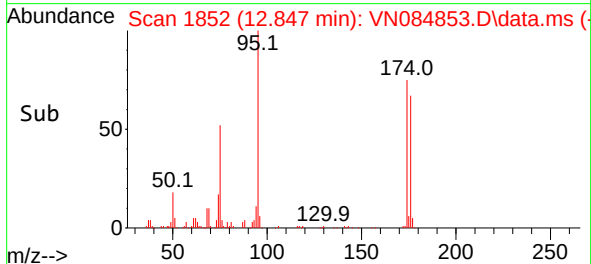
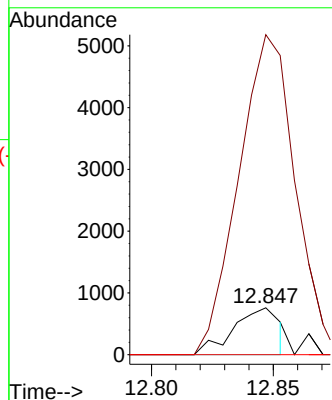
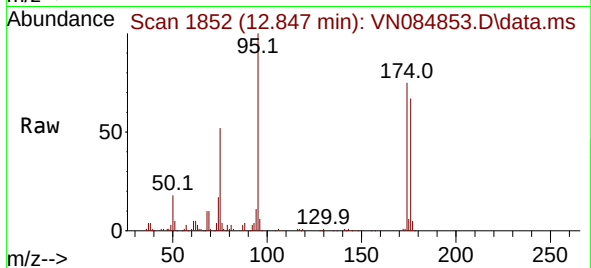
Tgt Ion:173 Resp: 1009

Ion Ratio Lower Upper

173 100

175 658.0 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# 1212

Delta R.T. 0.000 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

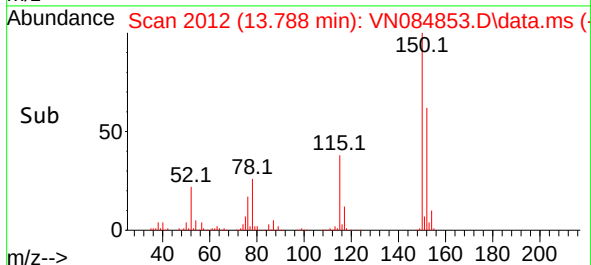
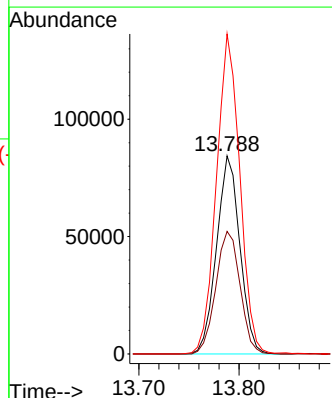
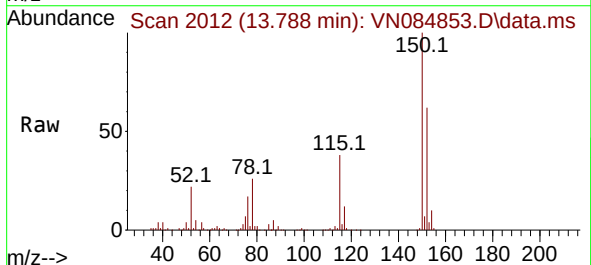
Tgt Ion:152 Resp: 136300

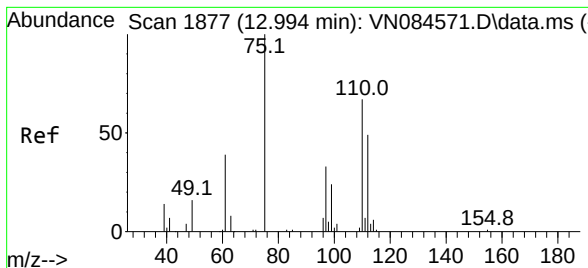
Ion Ratio Lower Upper

152 100

115 64.3 31.3 93.9

150 162.3 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.073 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

Instrument :

MSVOA_N

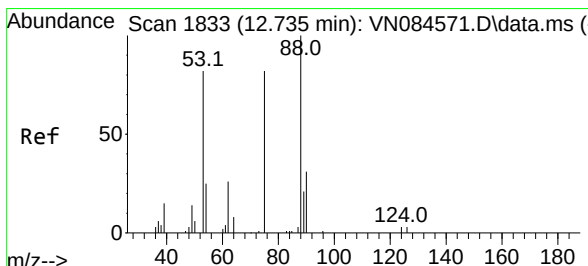
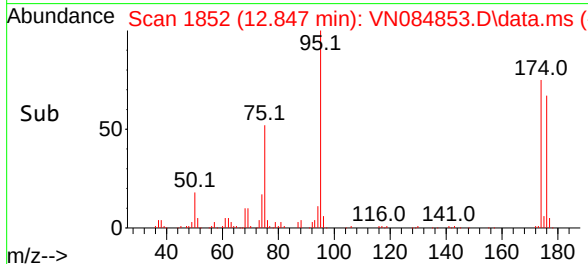
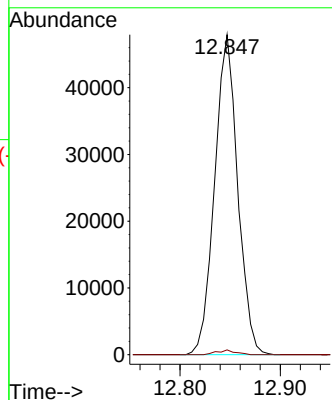
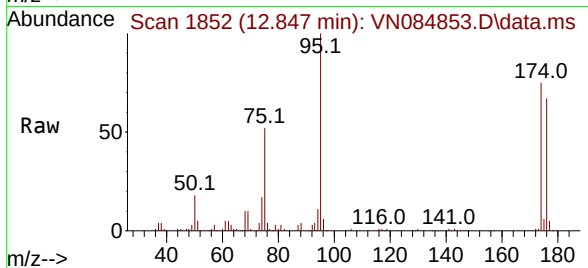
ClientSampleId :

Tgt Ion: 75 Resp: 76487

Ion Ratio Lower Upper

75 100

77 1.2 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.600 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

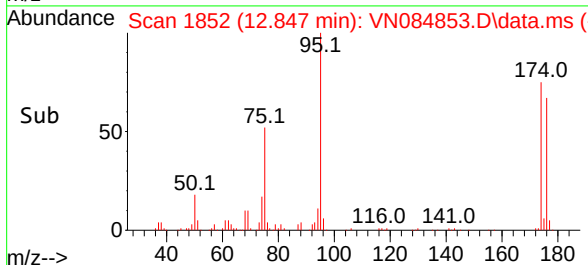
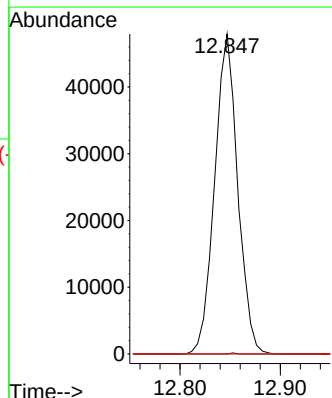
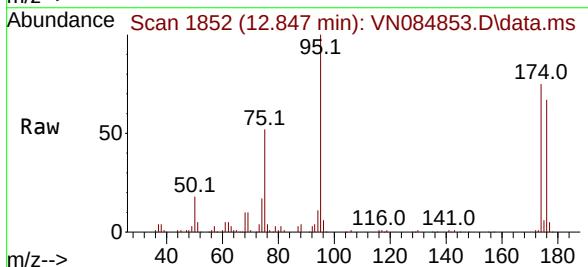
Tgt Ion: 75 Resp: 76487

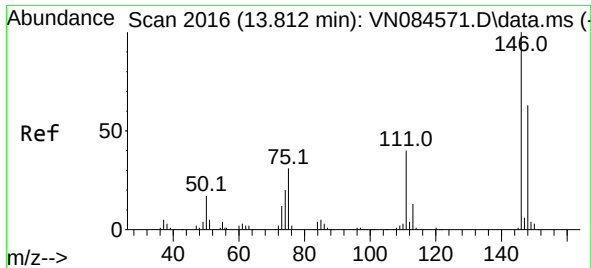
Ion Ratio Lower Upper

75 100

53 0.1 78.0 117.0#

89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.817 min Scan# 20

Delta R.T. 0.005 min

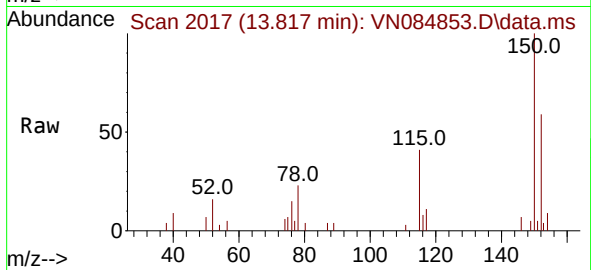
Lab File: VN084853.D

Acq: 14 Nov 2024 15:47

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 446

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 31.9 95.9#

