

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084984.D
 Acq On : 20 Nov 2024 21:22
 Operator : JC\MD
 Sample : P4892-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WB-310-SW

Quant Time: Nov 21 00:51:26 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)

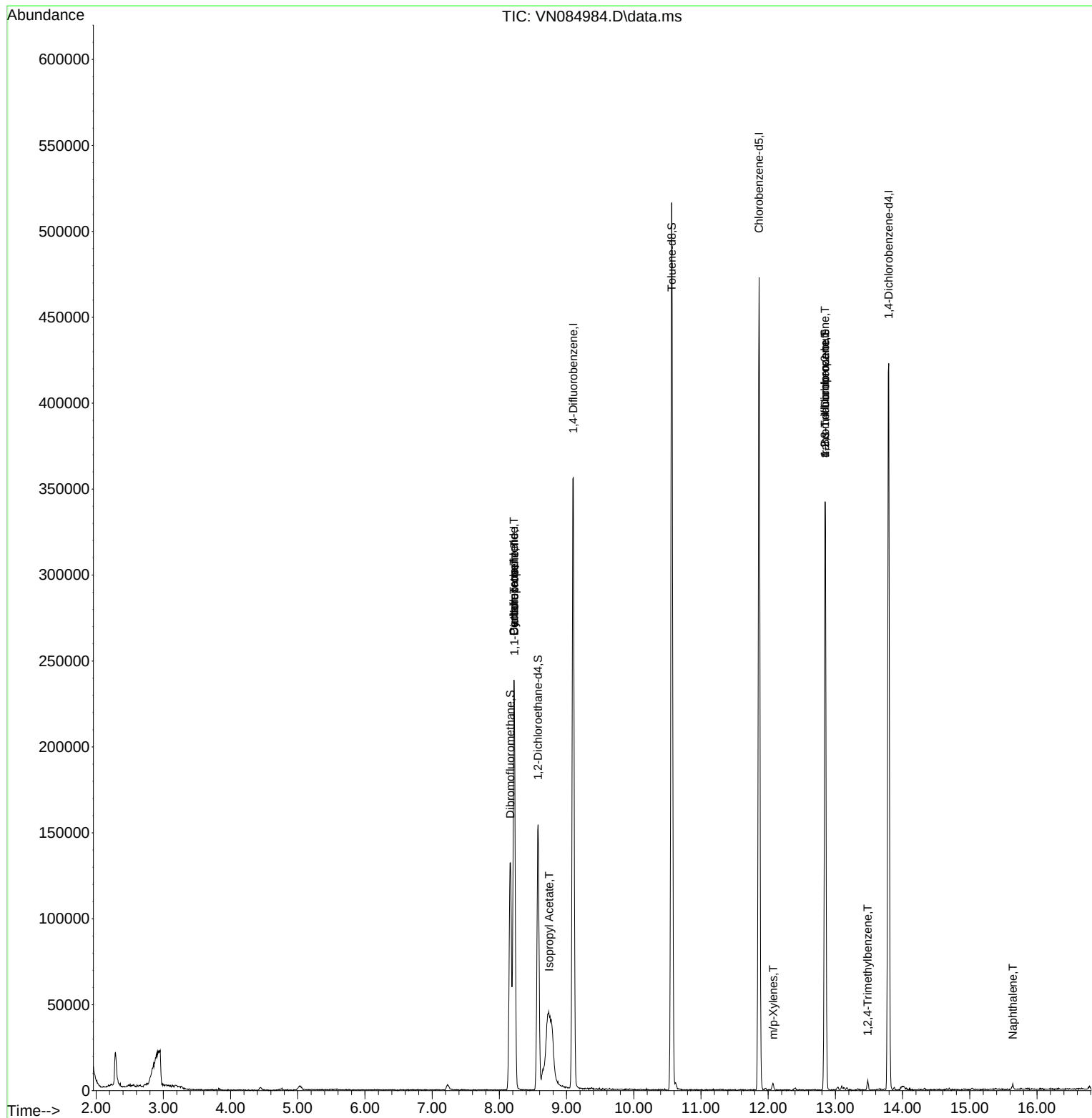
Internal Standards						
1) Pentafluorobenzene	8.218	168	166877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127803	53.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.040%
35) Dibromofluoromethane	8.165	113	98986	47.540	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	10.565	98	352034	45.897	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.847	95	119438	41.666	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.340%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	983	Below Cal	#	84
6) Chloroethane	3.124	64	388	Below Cal	#	45
18) Methyl Acetate	5.012	43	4800	Below Cal	#	64
31) Cyclohexane	8.218	56	3663	1.101	ug/l #	11
36) 1,1-Dichloropropene	8.224	75	14550	5.039	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19099	5.917	ug/l #	16
43) Isopropyl Acetate	8.741	43	74661	14.744	ug/l #	56
68) m/p-Xylenes	12.076	106	1461	0.394	ug/l	92
76) 1,2,3-Trichloropropane	12.847	75	62342	27.141	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62342	64.390	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.482	105	3571	0.518	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	642	Below Cal	#	1
95) Naphthalene	15.641	128	3237	0.487	ug/l #	89

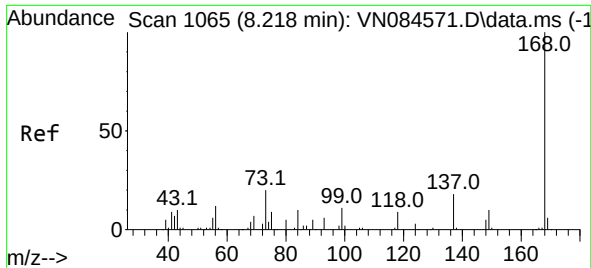
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
Data File : VN084984.D
Acq On : 20 Nov 2024 21:22
Operator : JC\MD
Sample : P4892-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

Quant Time: Nov 21 00:51:26 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

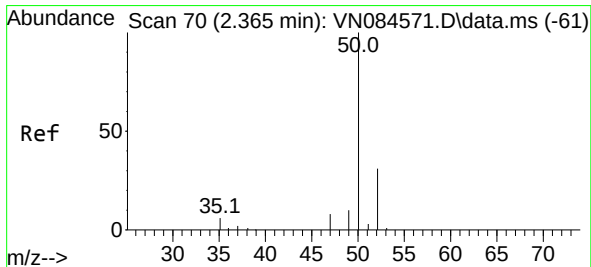
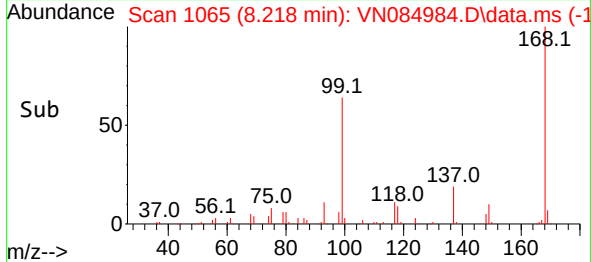
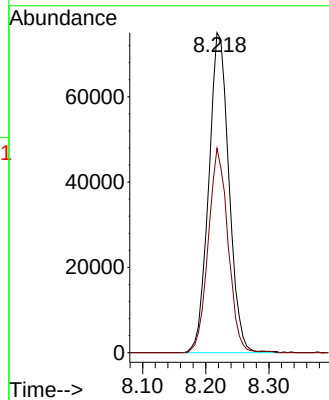
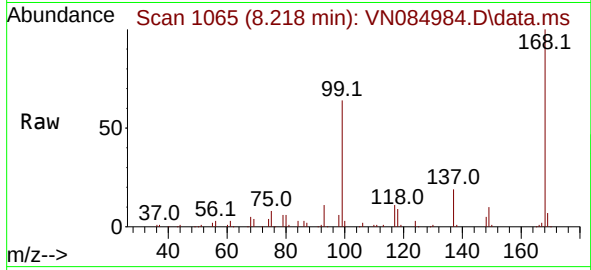




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

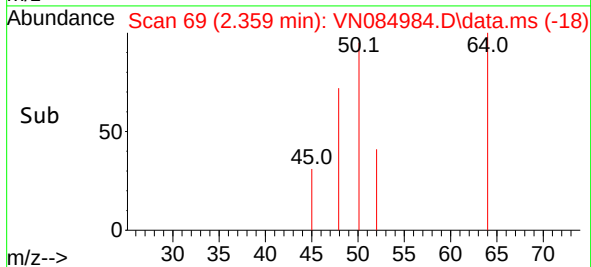
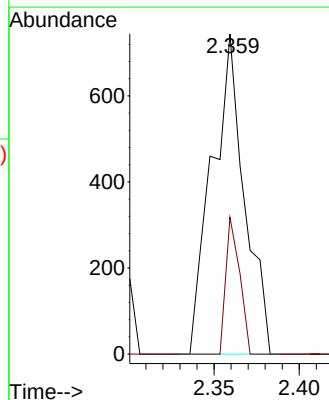
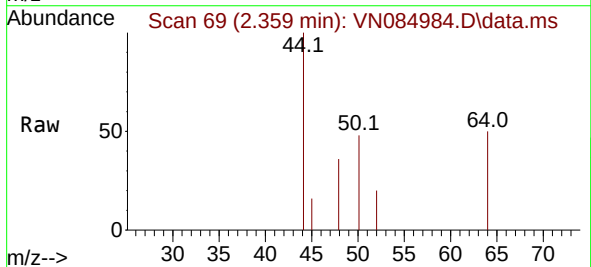
Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

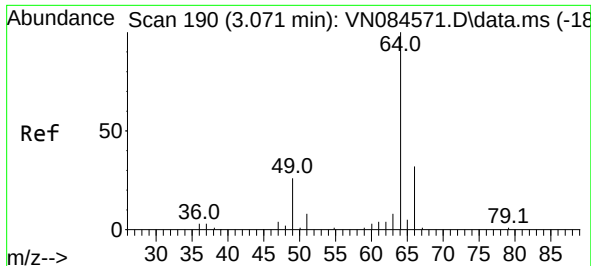
Tgt Ion:168 Resp: 166877
Ion Ratio Lower Upper
168 100
99 63.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Tgt Ion: 50 Resp: 983
Ion Ratio Lower Upper
50 100
52 42.7 26.8 40.2#

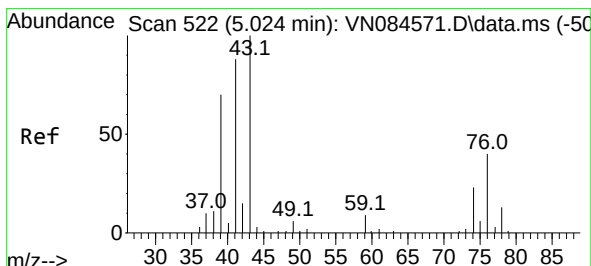
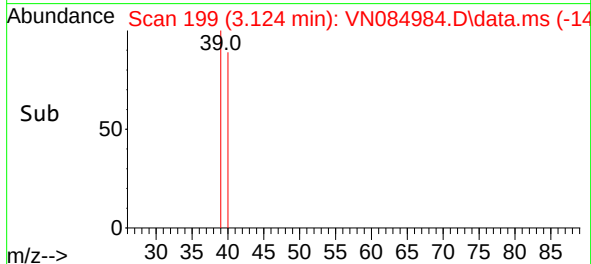
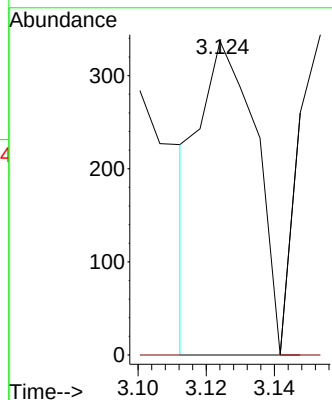
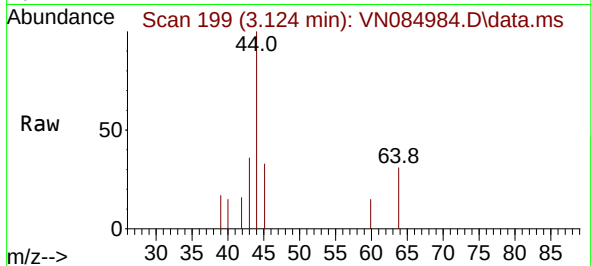




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

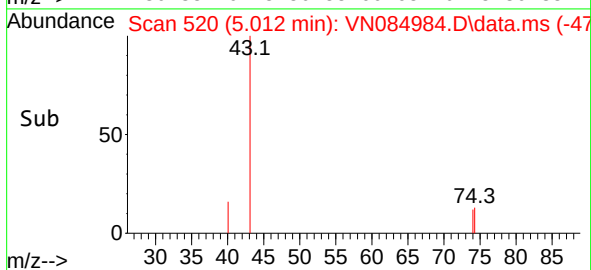
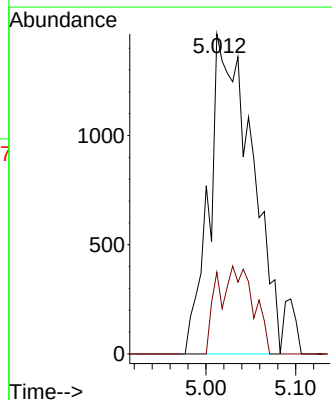
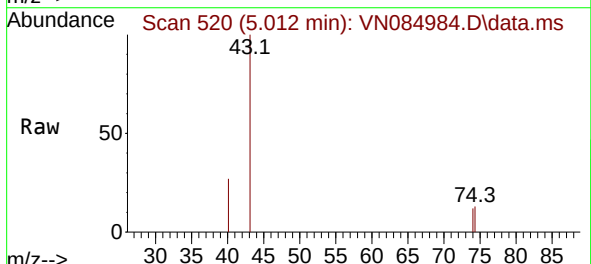
Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

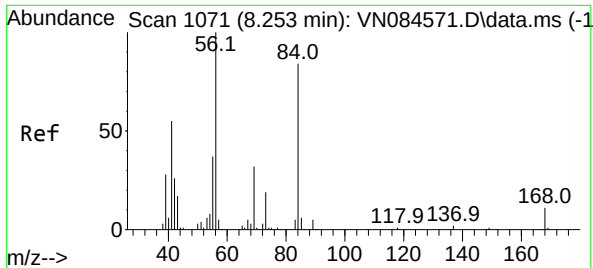
Tgt Ion: 64 Resp: 388
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

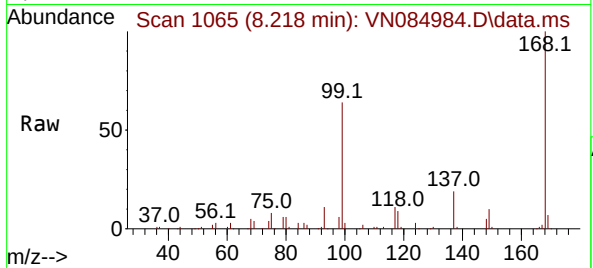
Tgt Ion: 43 Resp: 4800
Ion Ratio Lower Upper
43 100
74 6.0 19.2 28.8#



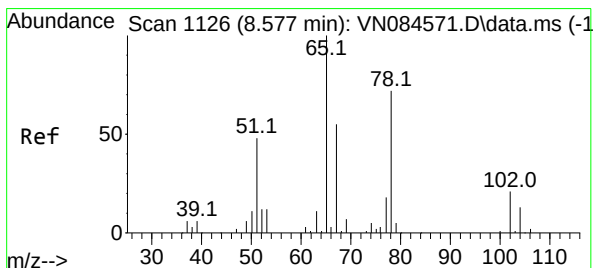
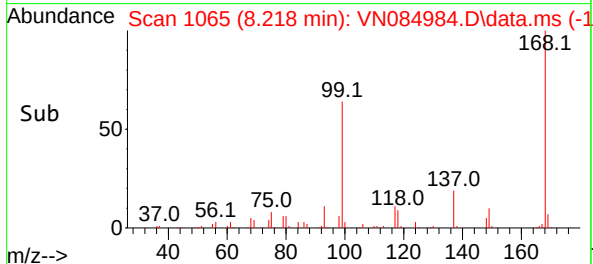
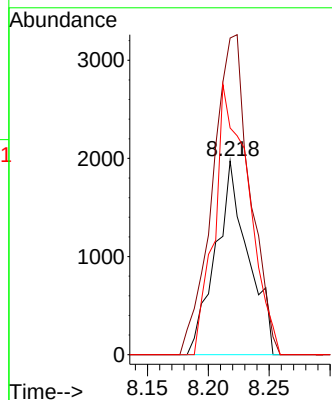


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

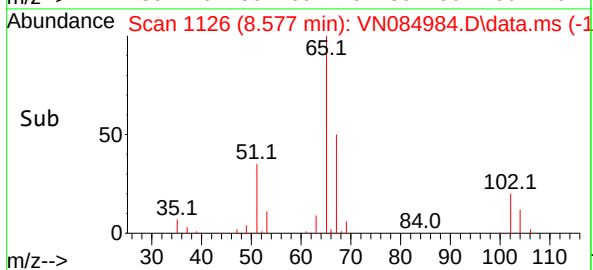
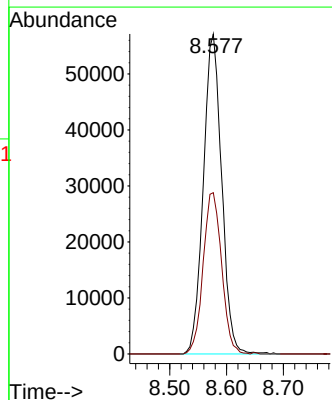
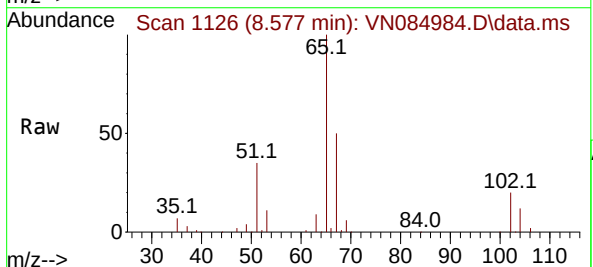


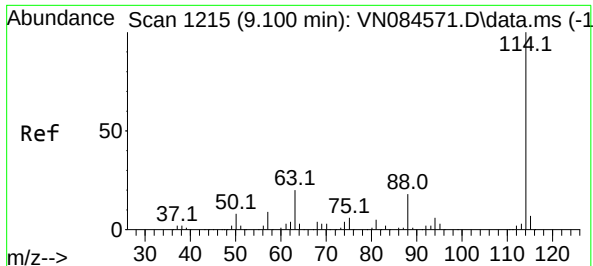
Tgt Ion: 56 Resp: 3663
Ion Ratio Lower Upper
56 100
69 163.4 23.8 35.6#
84 117.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 53.024 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Tgt Ion: 65 Resp: 127803
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

Instrument :

MSVOA_N

ClientSampleId :

WB-310-SW

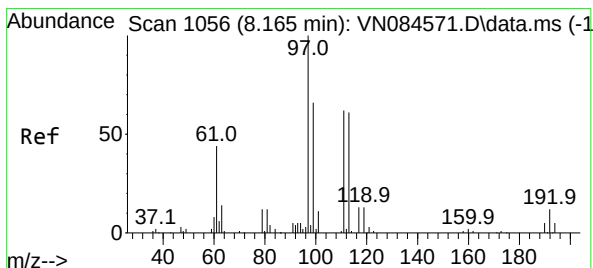
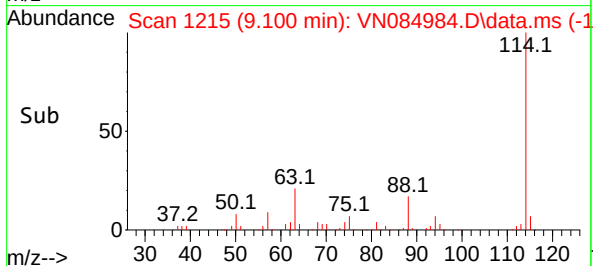
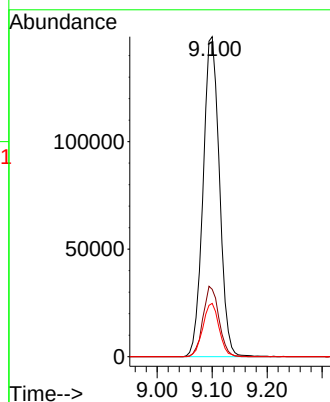
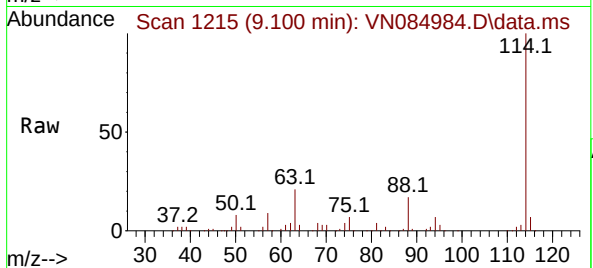
Tgt Ion:114 Resp: 307613

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.540 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

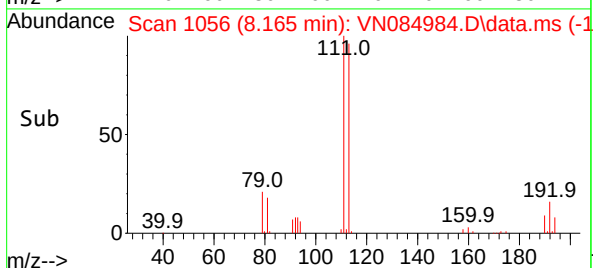
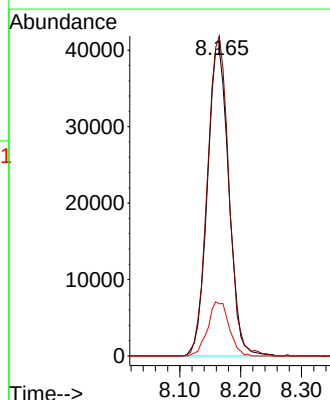
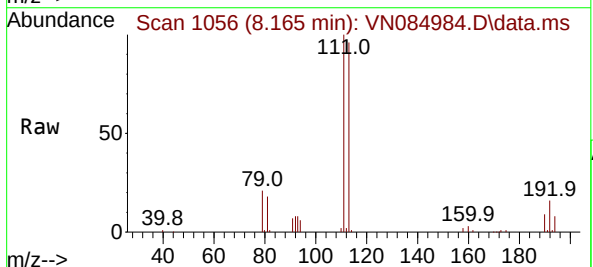
Tgt Ion:113 Resp: 98986

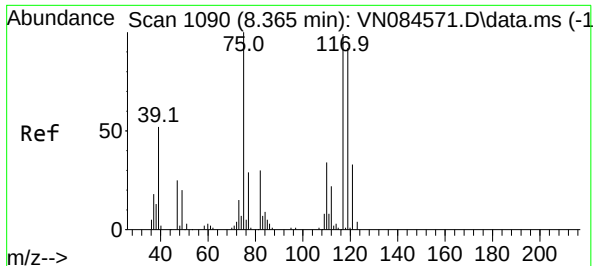
Ion Ratio Lower Upper

113 100

111 103.2 83.3 124.9

192 17.4 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.039 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

Instrument :

MSVOA_N

ClientSampleId :

WB-310-SW

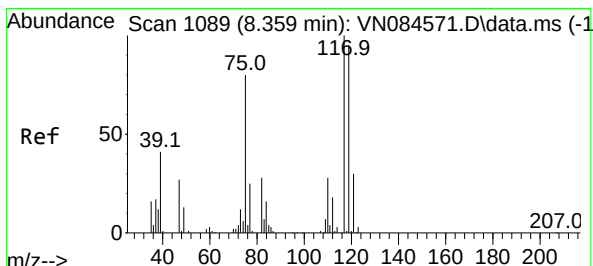
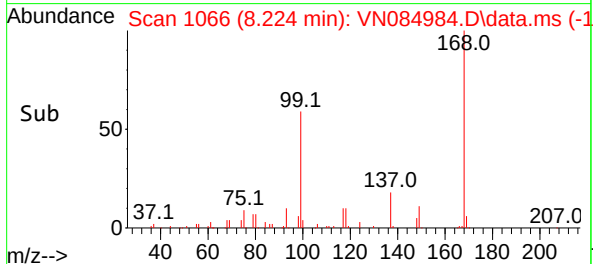
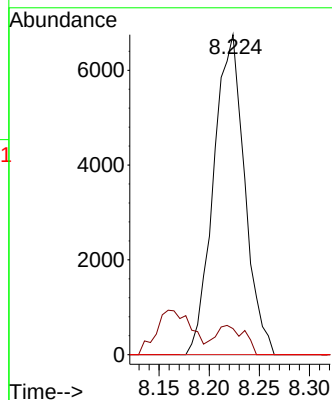
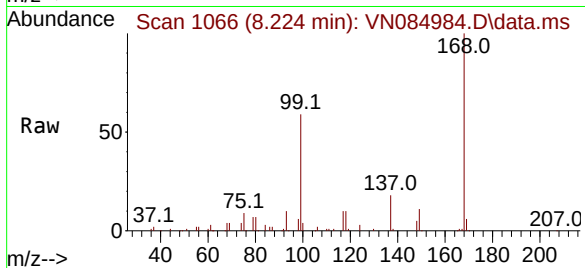
Tgt Ion: 75 Resp: 14550

Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.917 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

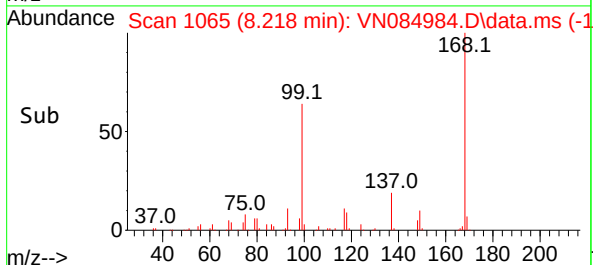
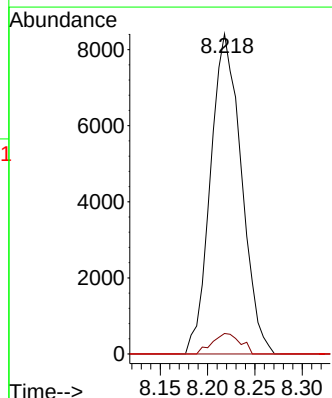
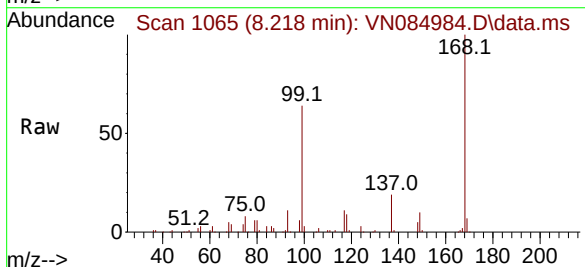
Tgt Ion: 117 Resp: 19099

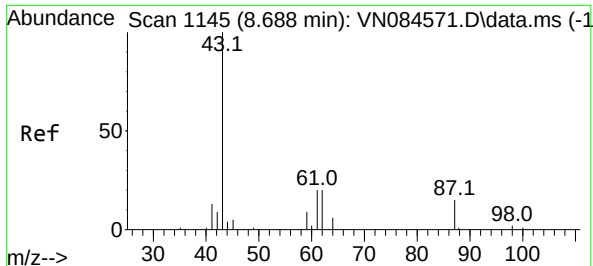
Ion Ratio Lower Upper

117 100

119 6.4 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 14.744 ug/l

RT: 8.741 min Scan# 1145

Delta R.T. 0.053 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

Instrument :

MSVOA_N

ClientSampleId :

WB-310-SW

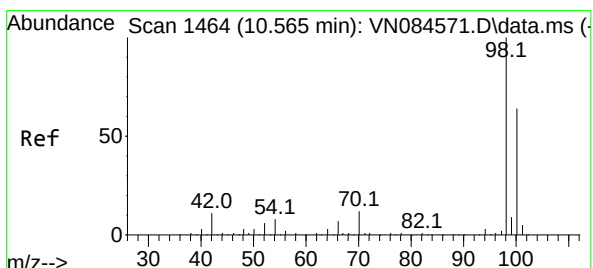
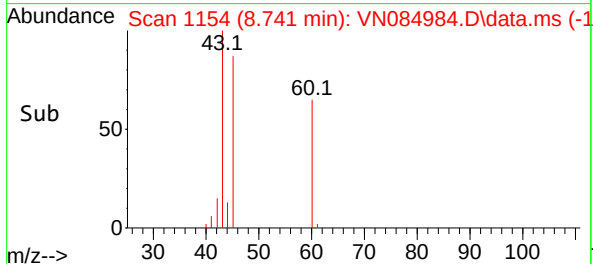
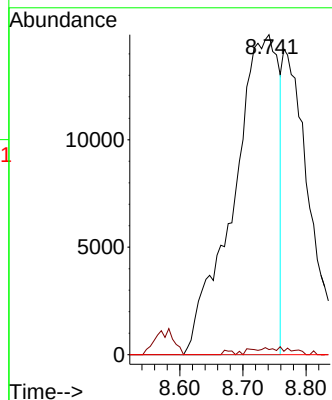
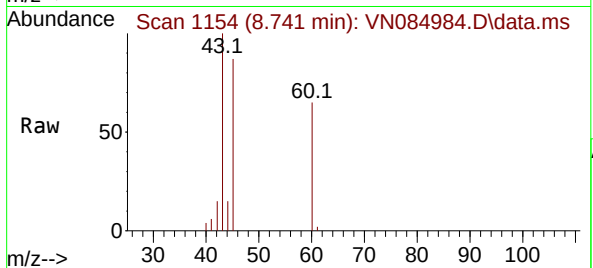
Tgt Ion: 43 Resp: 74661

Ion Ratio Lower Upper

43 100

61 0.2 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 45.897 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084984.D

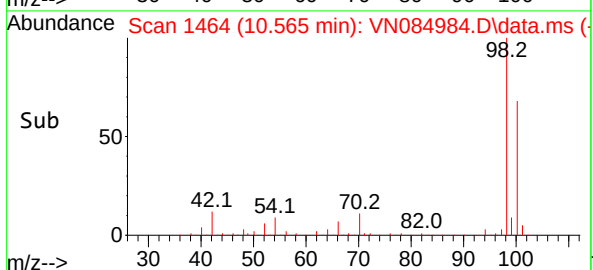
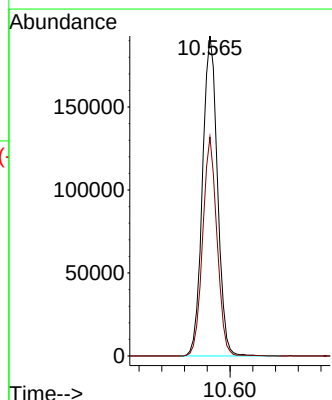
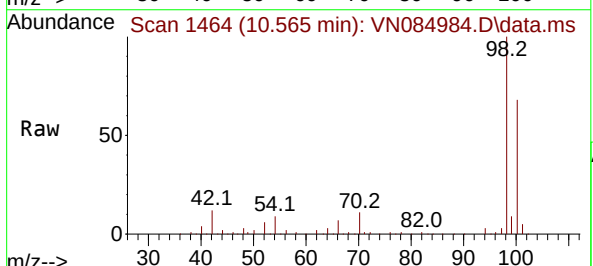
Acq: 20 Nov 2024 21:22

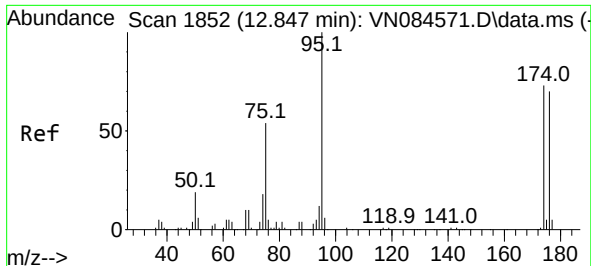
Tgt Ion: 98 Resp: 352034

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1

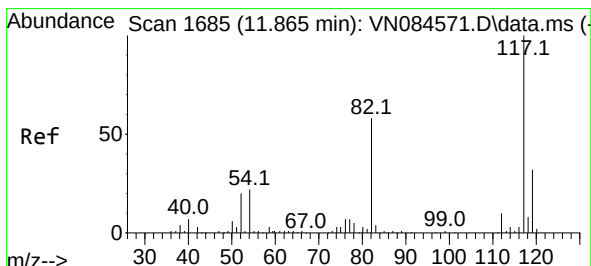
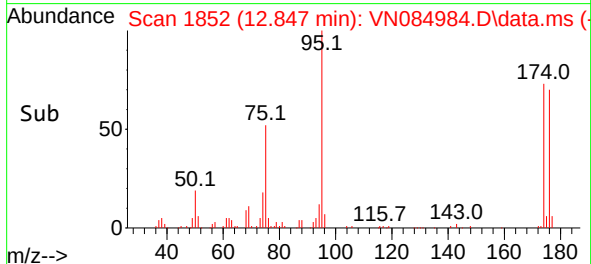
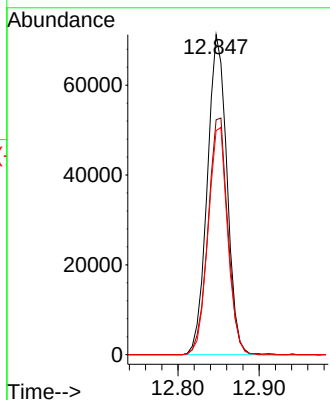
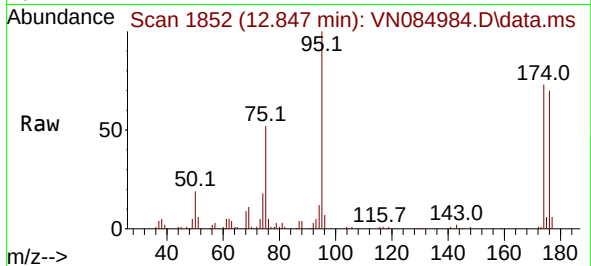




#62
4-Bromofluorobenzene
Concen: 41.666 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

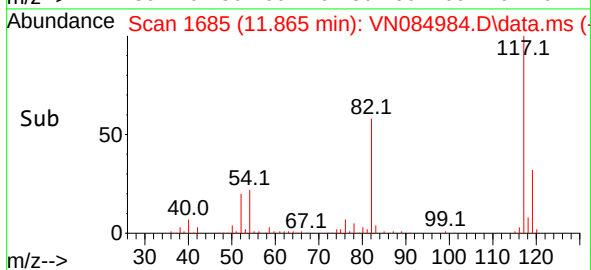
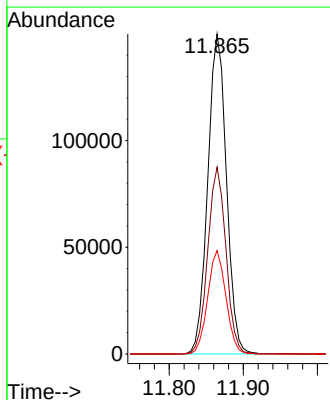
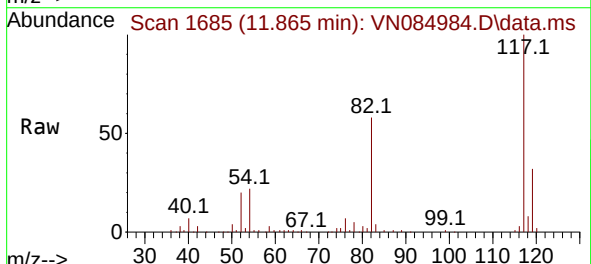
Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

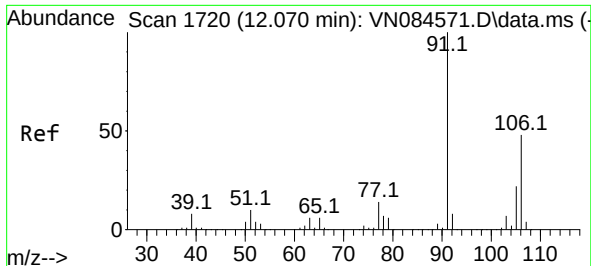
Tgt Ion: 95 Resp: 119438
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.2
176 71.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Tgt Ion: 117 Resp: 262227
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 32.3 25.4 38.0

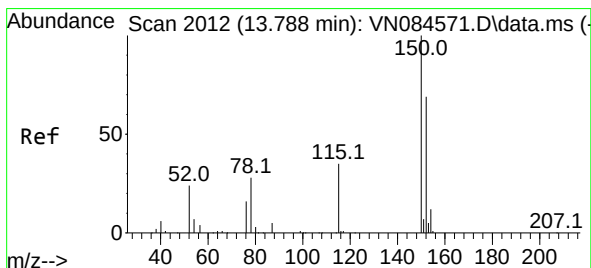
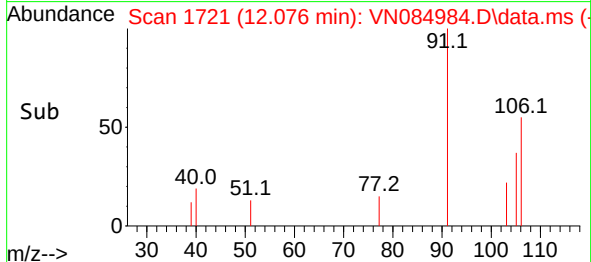
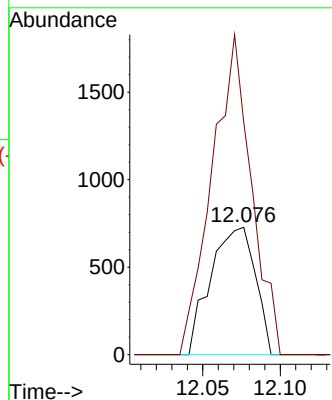
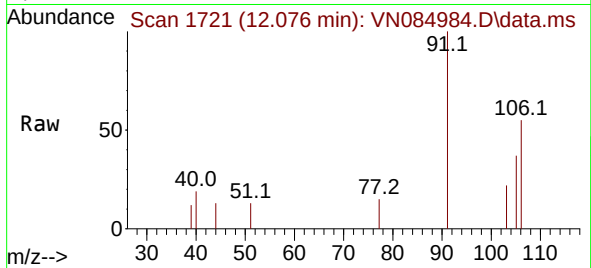




#68
m/p-Xylenes
Concen: 0.394 ug/l
RT: 12.076 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

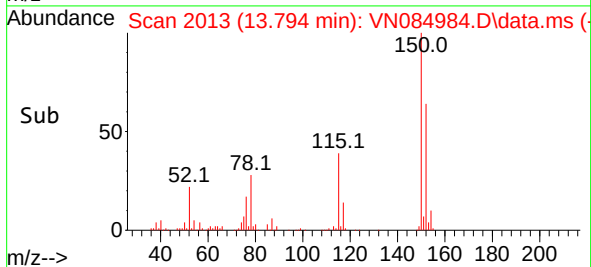
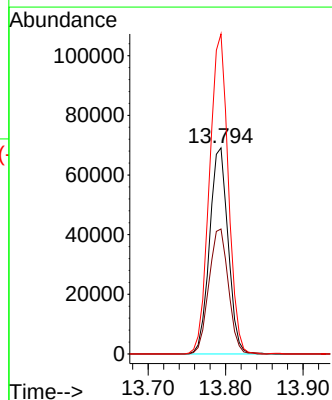
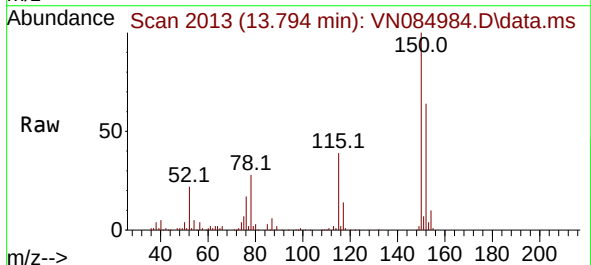
Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

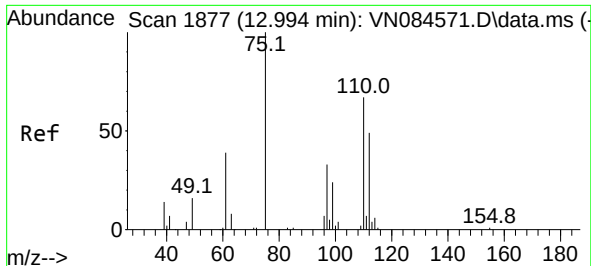
Tgt Ion:106 Resp: 1461
Ion Ratio Lower Upper
106 100
91 221.4 167.1 250.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Tgt Ion:152 Resp: 114908
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.9
150 157.3 0.0 349.8

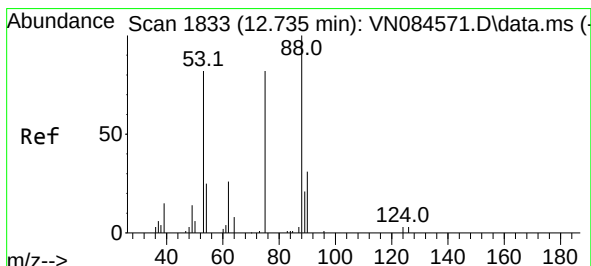
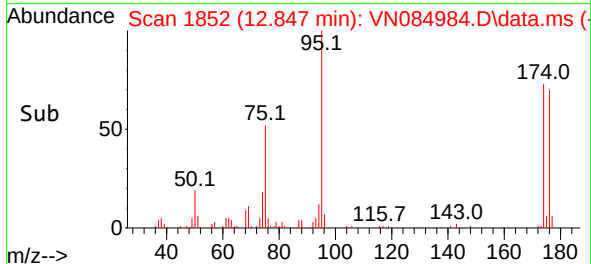
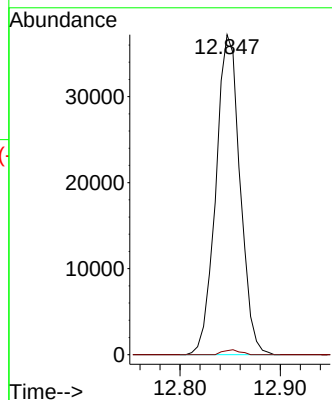
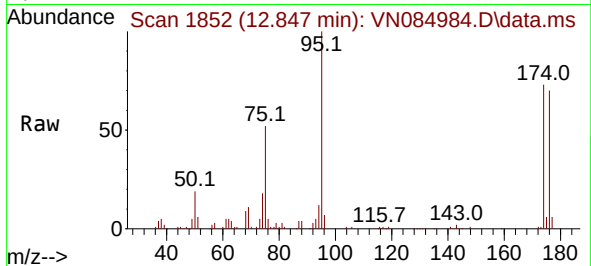




#76
1,2,3-Trichloropropane
Concen: 27.141 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

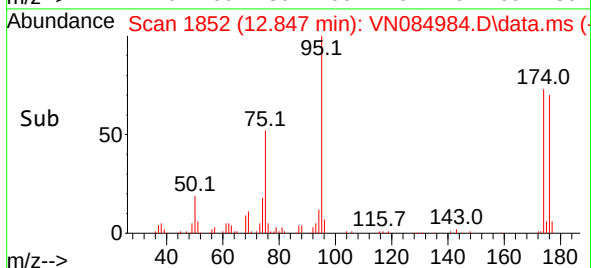
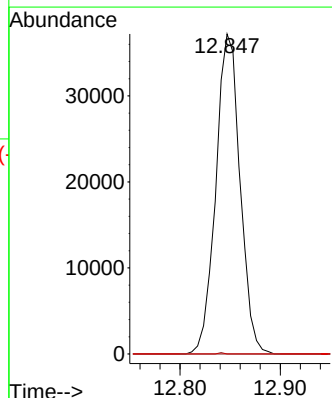
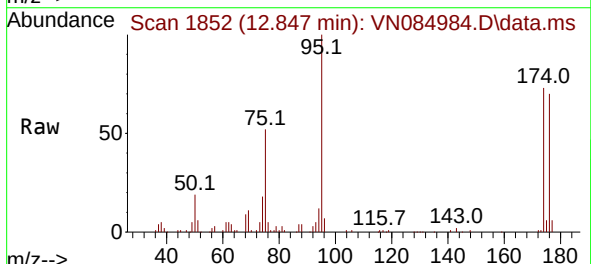
Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW

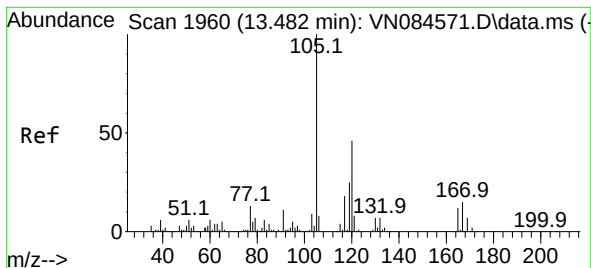
Tgt Ion: 75 Resp: 62342
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.390 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Tgt Ion: 75 Resp: 62342
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.518 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

Instrument :

MSVOA_N

ClientSampleId :

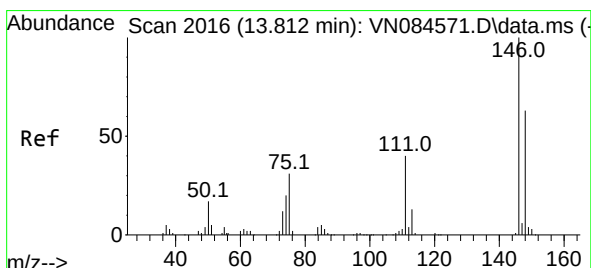
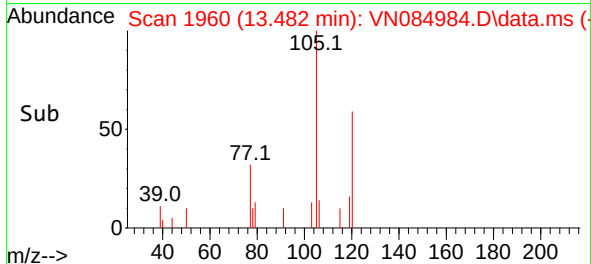
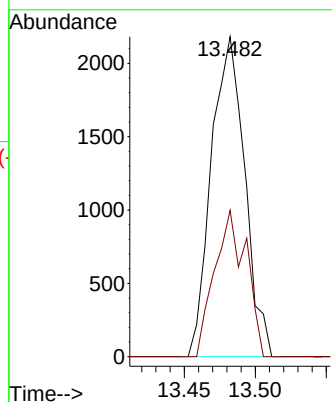
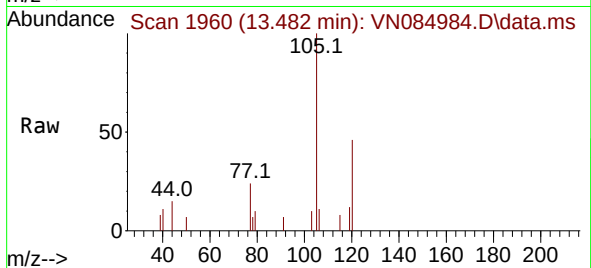
WB-310-SW

Tgt Ion:105 Resp: 3571

Ion Ratio Lower Upper

105 100

120 43.2 22.3 66.8



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN084984.D

Acq: 20 Nov 2024 21:22

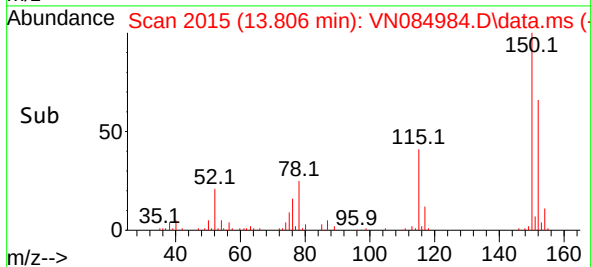
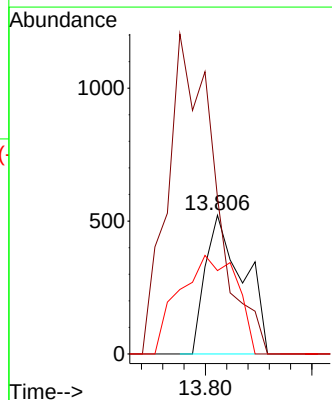
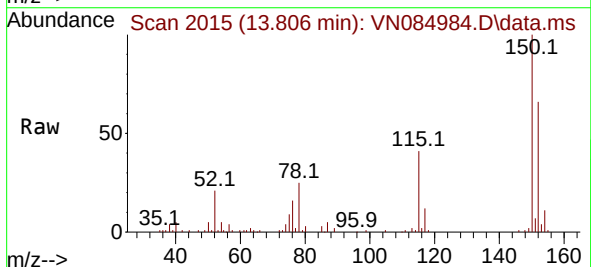
Tgt Ion:146 Resp: 642

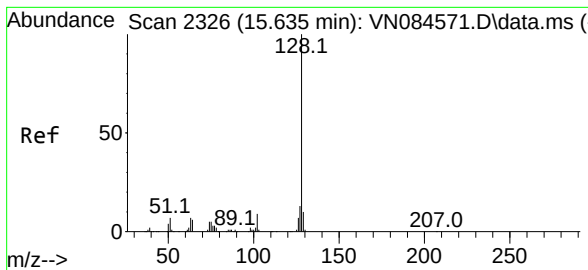
Ion Ratio Lower Upper

146 100

111 290.5 21.2 63.6#

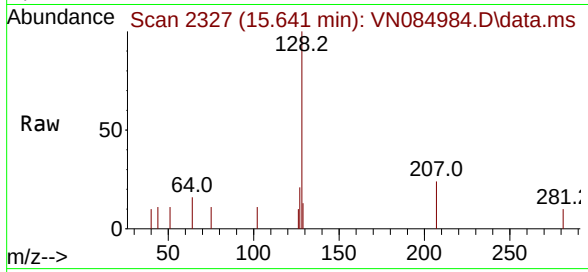
148 107.6 31.9 95.9#





#95
Naphthalene
Concen: 0.487 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084984.D
Acq: 20 Nov 2024 21:22

Instrument :
MSVOA_N
ClientSampleId :
WB-310-SW



Tgt Ion:	128	Resp:	3237
Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.5	15.7#
129	6.3	8.7	13.1#

