

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084896.D
 Acq On : 17 Nov 2024 15:36
 Operator : JC\MD
 Sample : P4845-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 18 00:21:51 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	8.224	168	155970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111861	49.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	8.159	113	89170	49.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.140%
50) Toluene-d8	10.565	98	302694	45.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.847	95	110838	44.753	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.500%

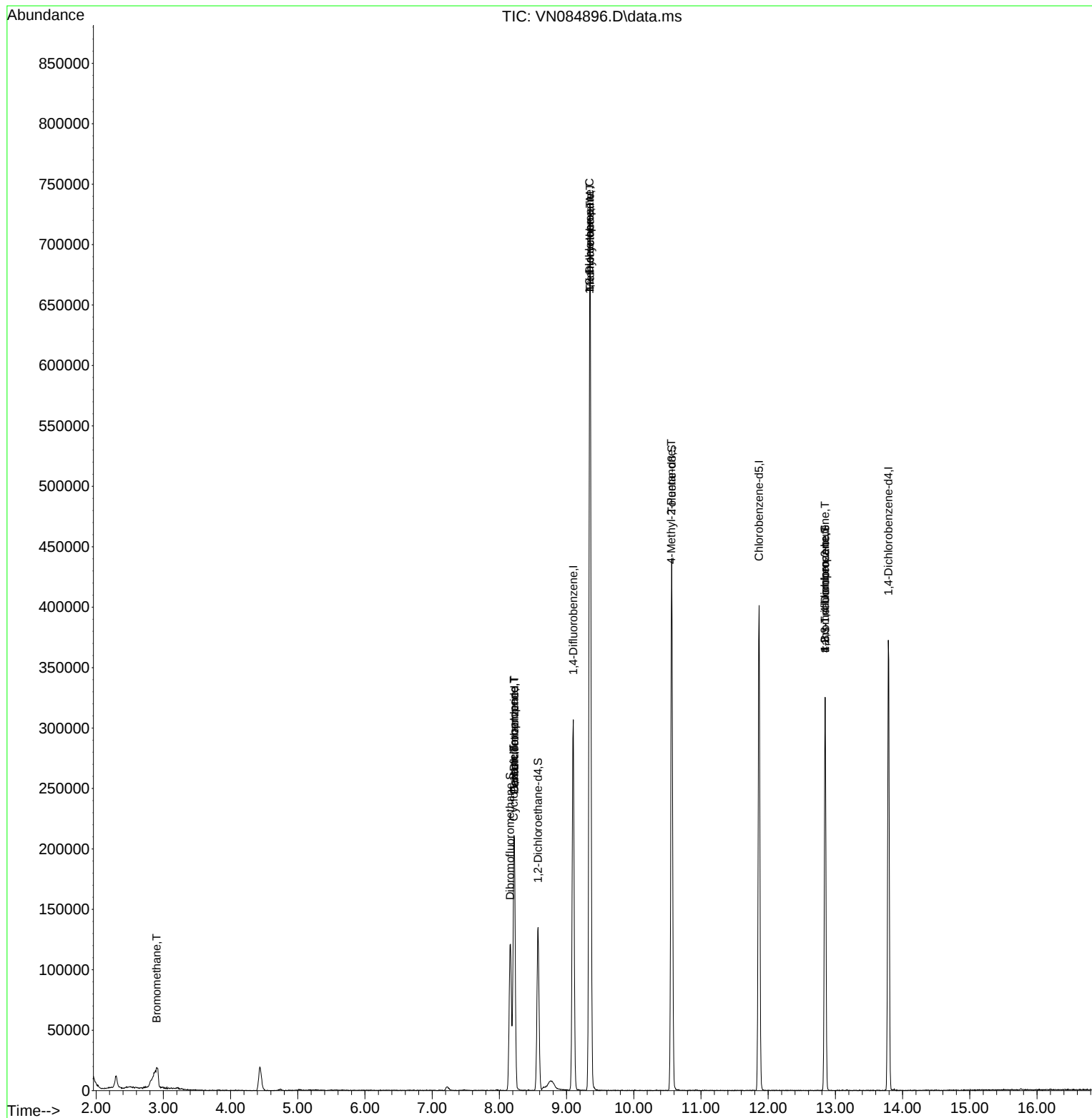
Target Compounds			Qvalue			
3) Chloromethane	2.353	50	607	Below Cal	#	41
5) Bromomethane	2.900	94	246	0.241 ug/l	#	4
6) Chloroethane	3.106	64	402	Below Cal	#	45
16) Acetone	4.441	43	1417	Below Cal	#	44
18) Methyl Acetate	5.012	43	342	Below Cal	#	51
31) Cyclohexane	8.212	56	3175	1.021 ug/l	#	32
36) 1,1-Dichloropropene	8.218	75	12615	5.056 ug/l	#	52
38) Carbon Tetrachloride	8.224	117	16290	5.841 ug/l	#	13
39) Methylcyclohexane	9.347	83	2957	1.165 ug/l	#	1
43) Isopropyl Acetate	8.677	43	2477	Below Cal	#	56
44) Trichloroethene	9.347	130	266130	144.020 ug/l		98
45) 1,2-Dichloropropane	9.341	63	762	0.405 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.559	43	1200	0.556 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	58211	29.064 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58211	68.950 ug/l	#	11
88) 1,4-Dichlorobenzene	13.741	146	54	Below Cal	#	24

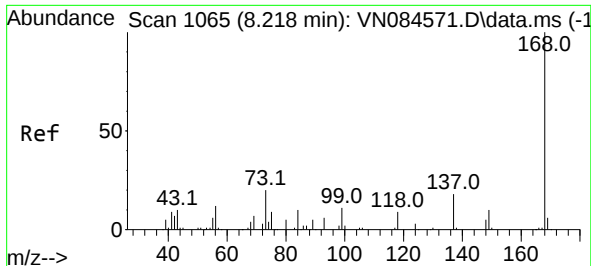
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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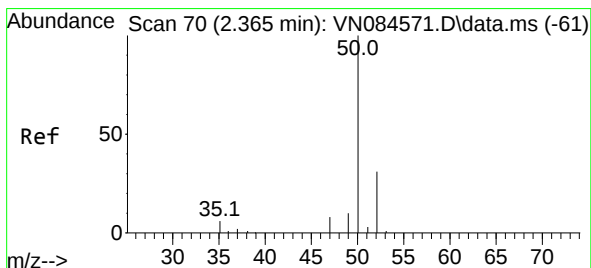
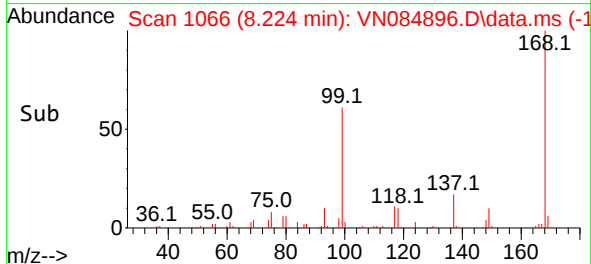
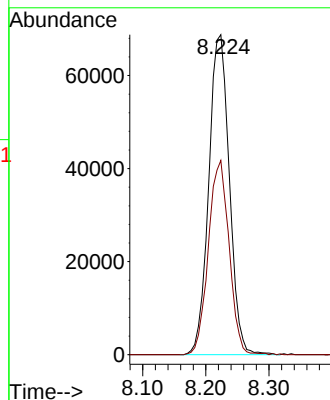
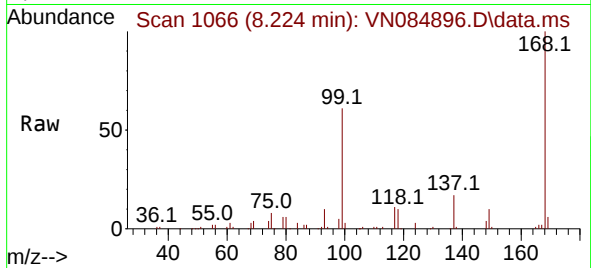




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

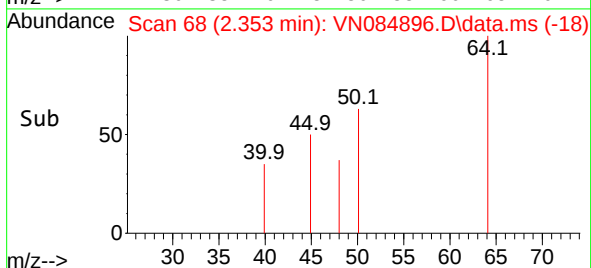
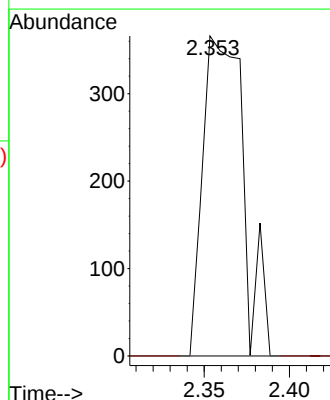
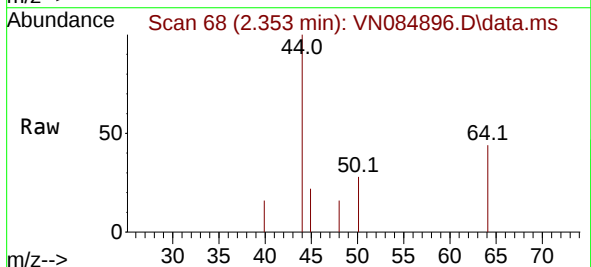
Instrument :
MSVOA_N
ClientSampleId :

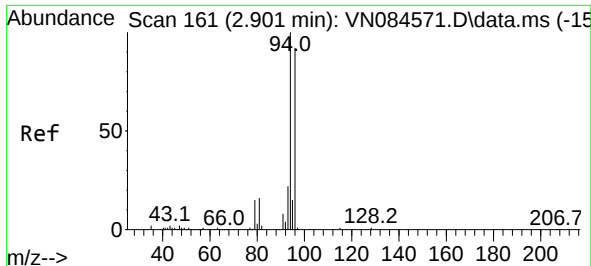
Tgt Ion:168 Resp: 155970
Ion Ratio Lower Upper
168 100
99 60.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

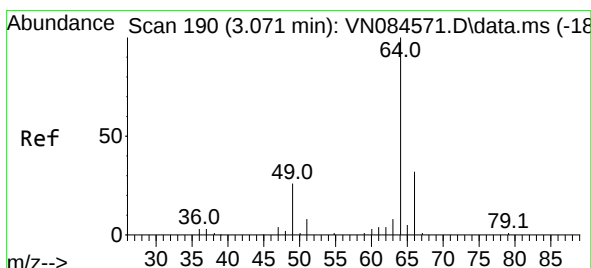
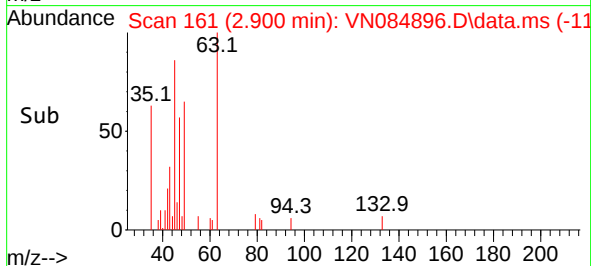
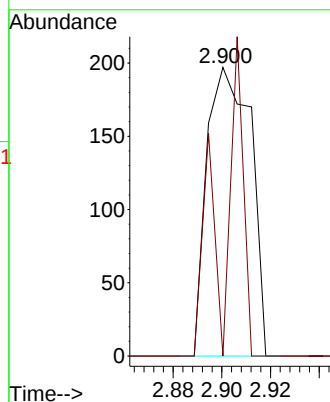
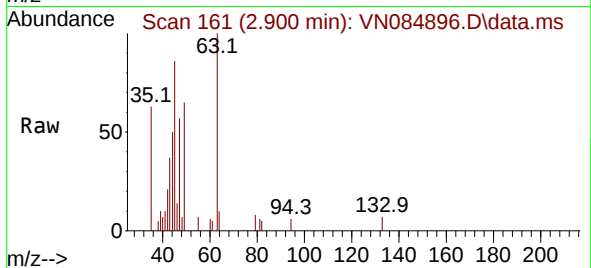




#5
Bromomethane
Concen: 0.241 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

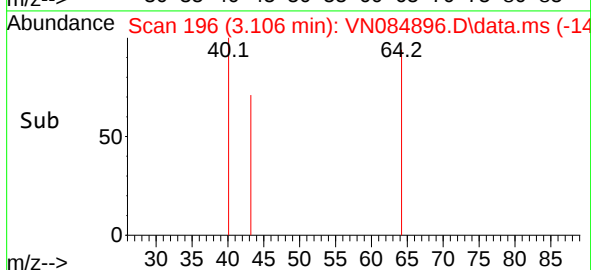
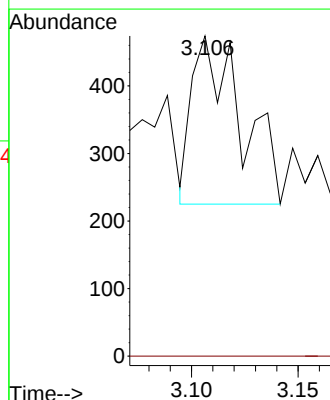
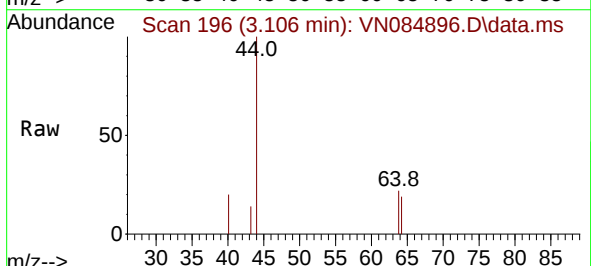
Instrument :
MSVOA_N
ClientSampleId :

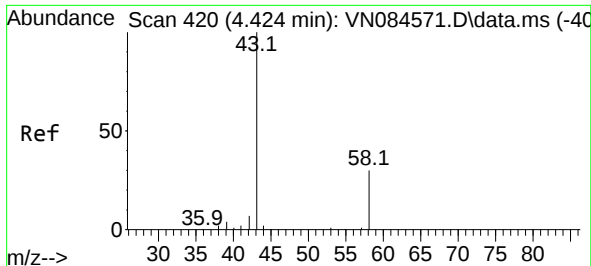
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Tgt Ion: 64 Resp: 402
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#16

Acetone

Concen: Below Cal

RT: 4.441 min Scan# 43

Delta R.T. 0.017 min

Lab File: VN084896.D

Acq: 17 Nov 2024 15:36

Instrument :

MSVOA_N

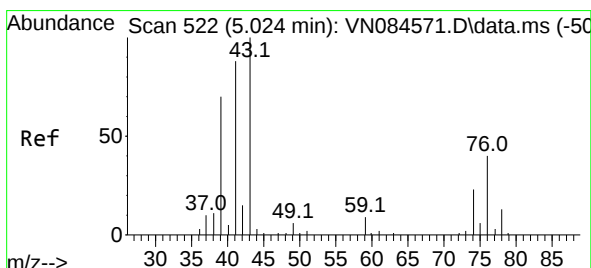
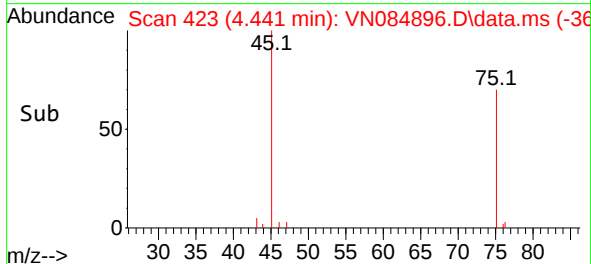
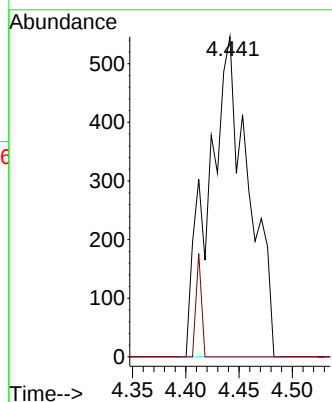
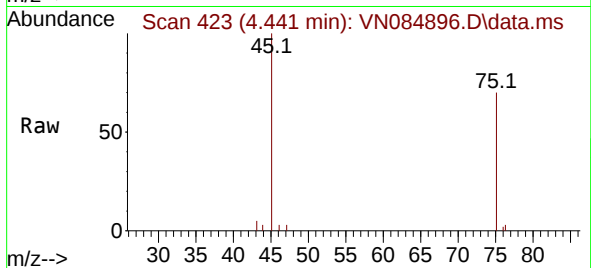
ClientSampleId :

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN084896.D

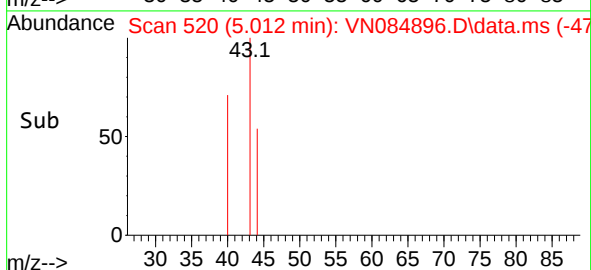
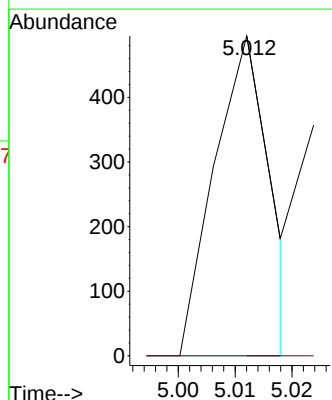
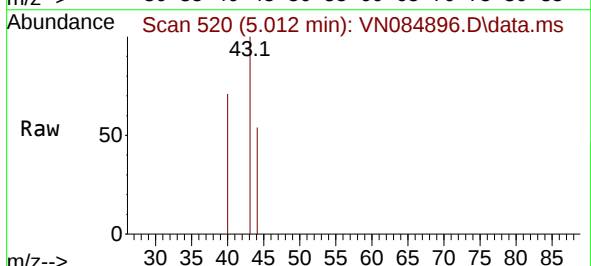
Acq: 17 Nov 2024 15:36

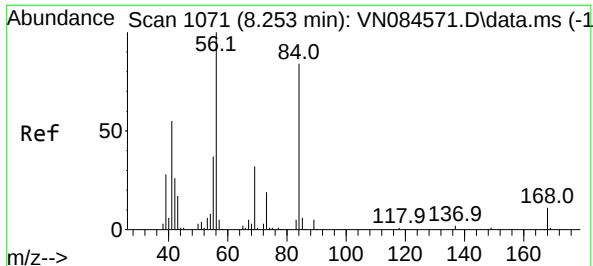
Tgt Ion: 43 Resp: 342

Ion Ratio Lower Upper

43 100

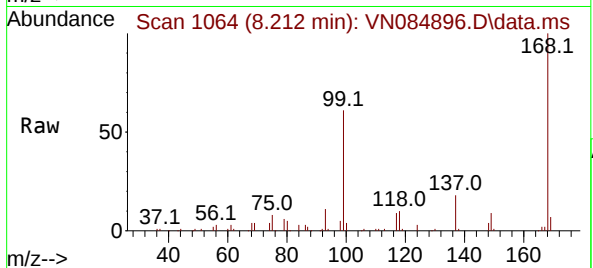
74 0.0 19.2 28.8#



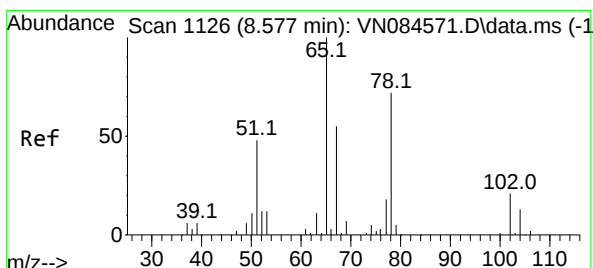
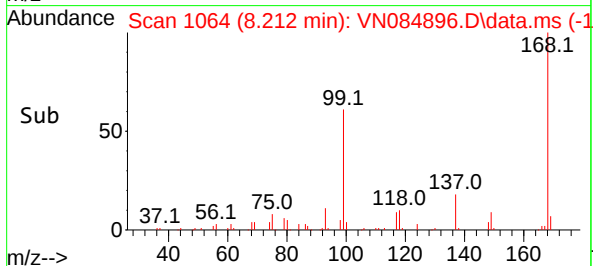
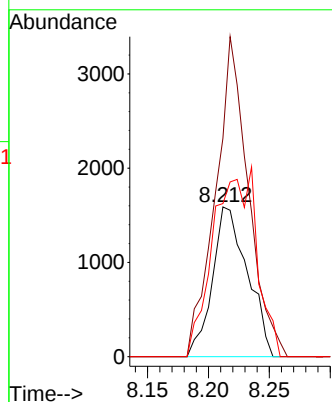


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

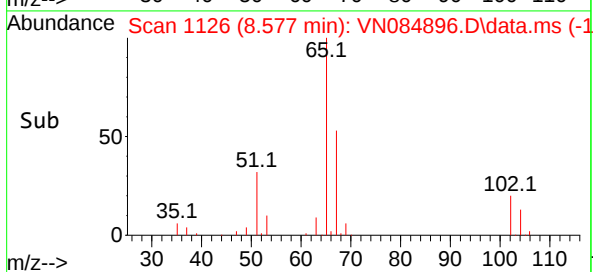
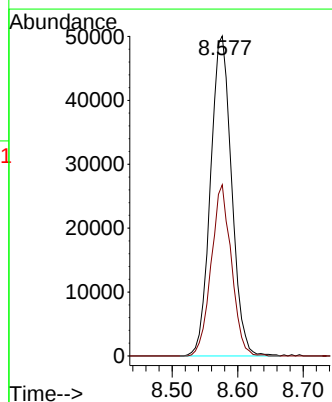
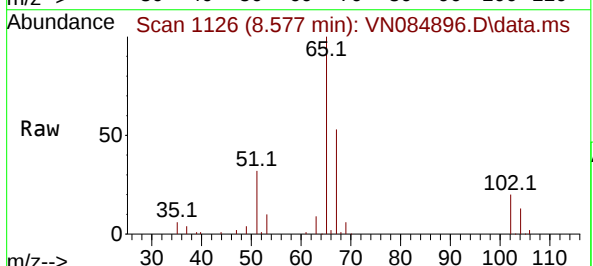


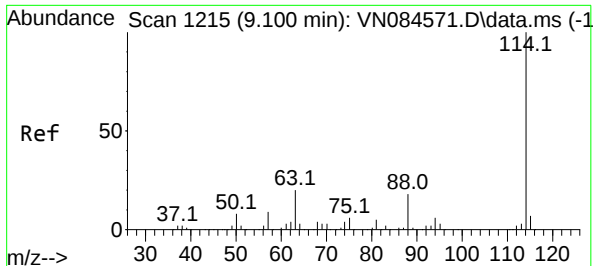
Tgt Ion: 56 Resp: 3175
Ion Ratio Lower Upper
56 100
69 145.8 23.8 35.6#
84 102.3 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 49.656 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Tgt Ion: 65 Resp: 111861
Ion Ratio Lower Upper
65 100
67 51.1 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: VN084896.D

Acq: 17 Nov 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

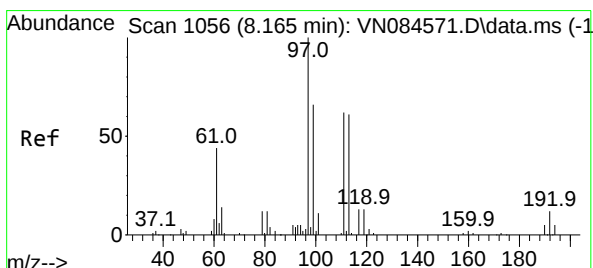
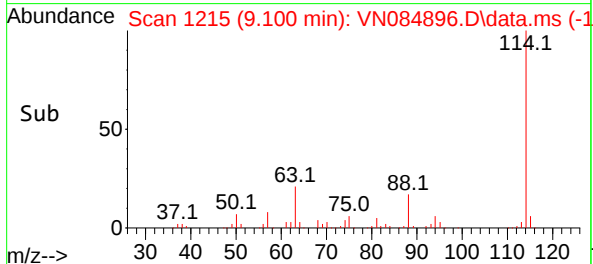
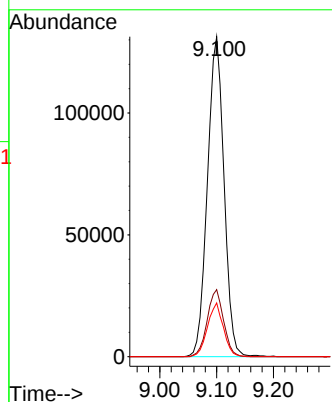
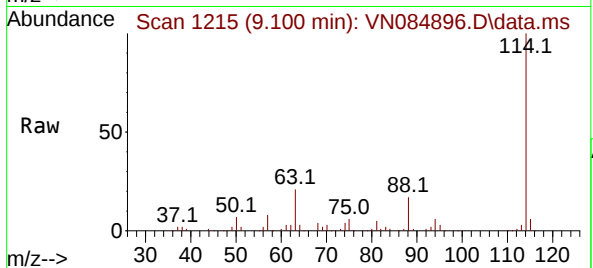
Tgt Ion:114 Resp: 265775

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.567 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084896.D

Acq: 17 Nov 2024 15:36

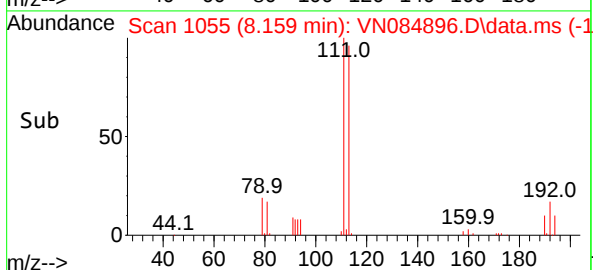
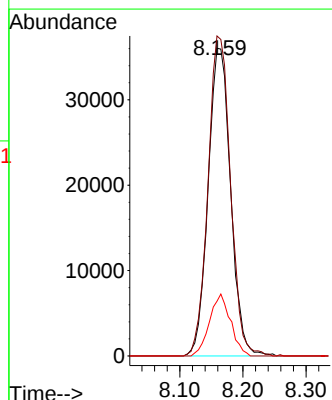
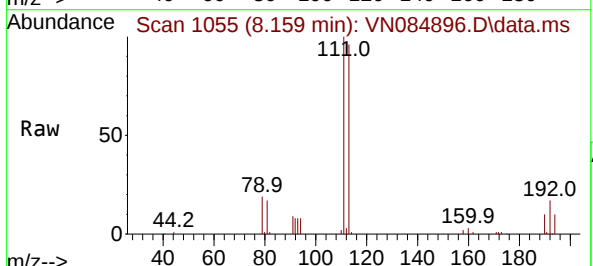
Tgt Ion:113 Resp: 89170

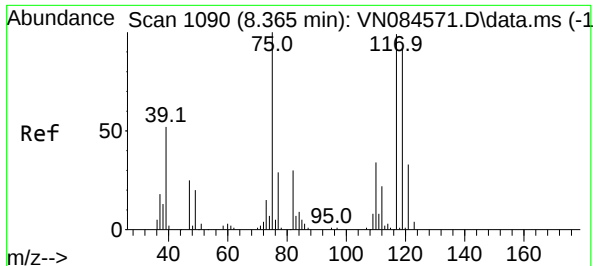
Ion Ratio Lower Upper

113 100

111 103.9 83.3 124.9

192 18.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.056 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

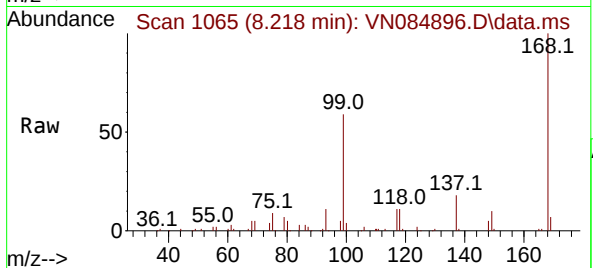
Lab File: VN084896.D

Acq: 17 Nov 2024 15:36

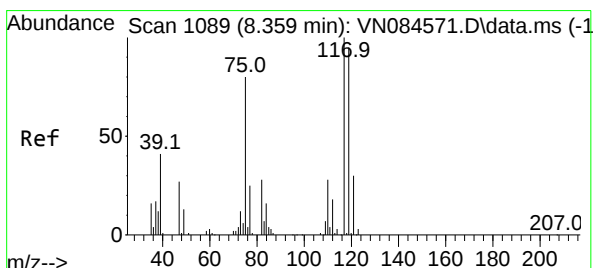
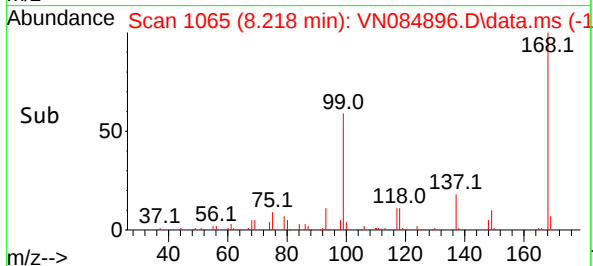
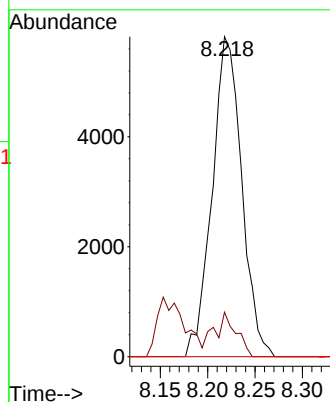
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12615
Ion Ratio	Lower	Upper	
75	100		
110	10.4	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

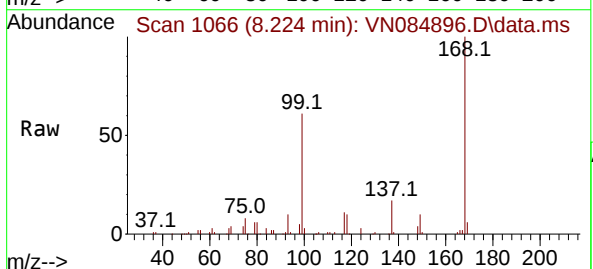
Concen: 5.841 ug/l

RT: 8.224 min Scan# 1066

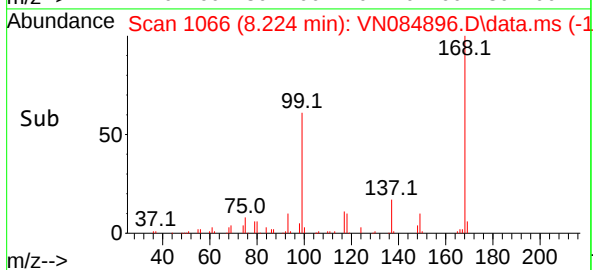
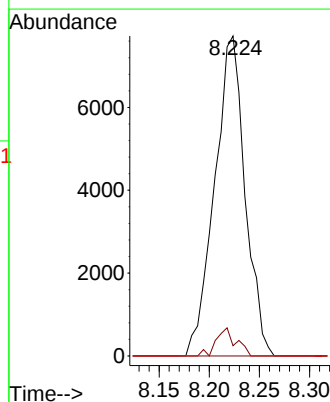
Delta R.T. -0.135 min

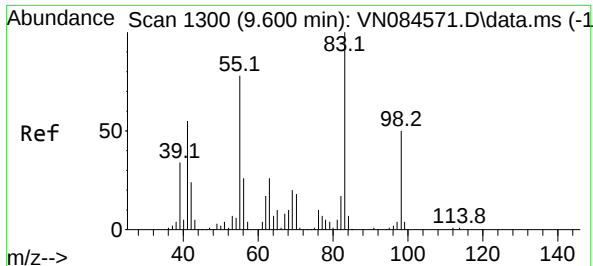
Lab File: VN084896.D

Acq: 17 Nov 2024 15:36



Tgt Ion:	117	Resp:	16290
Ion Ratio	Lower	Upper	
117	100		
119	3.2	78.7	118.1#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 1.165 ug/l

RT: 9.347 min Scan# 1125

Delta R.T. -0.253 min

Lab File: VN084896.D

Acq: 17 Nov 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

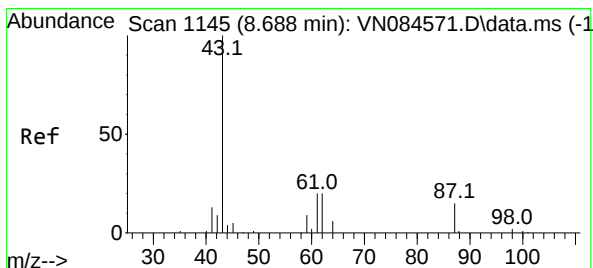
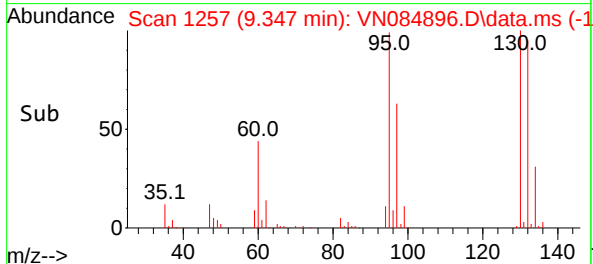
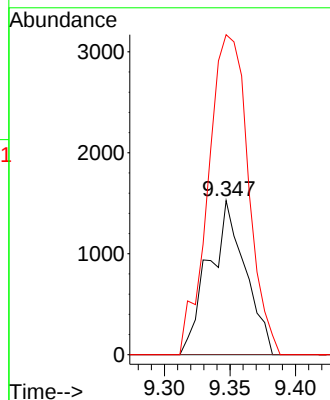
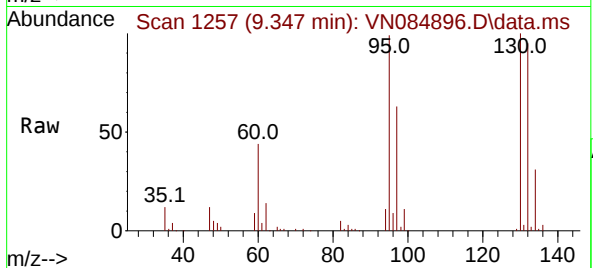
Tgt Ion: 83 Resp: 2957

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 207.7 38.8 58.2#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN084896.D

Acq: 17 Nov 2024 15:36

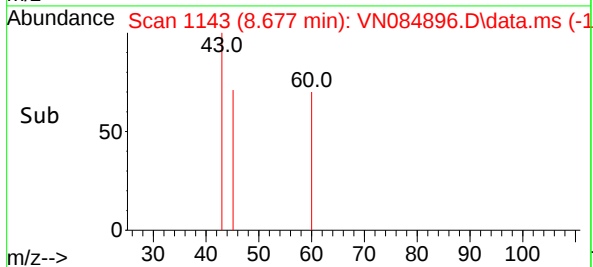
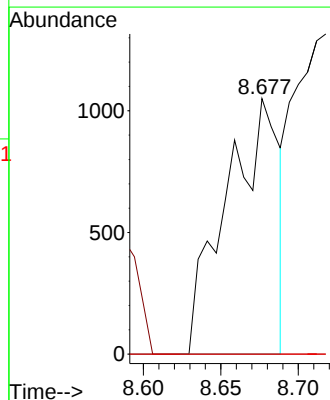
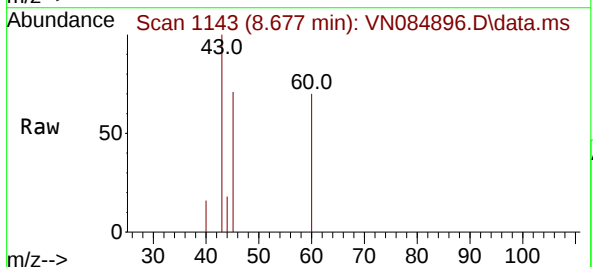
Tgt Ion: 43 Resp: 2477

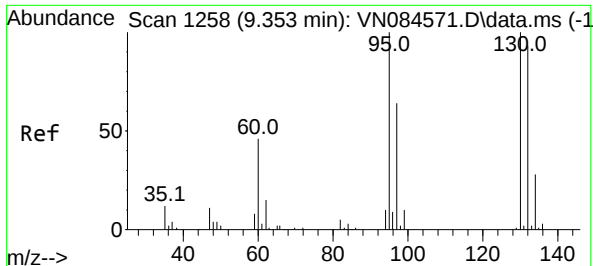
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#

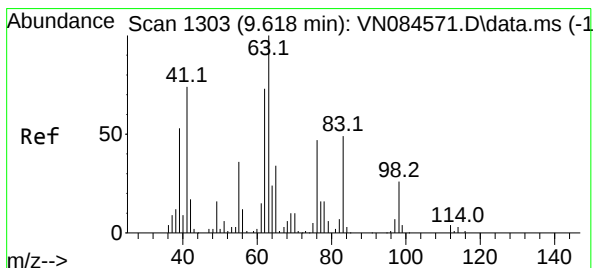
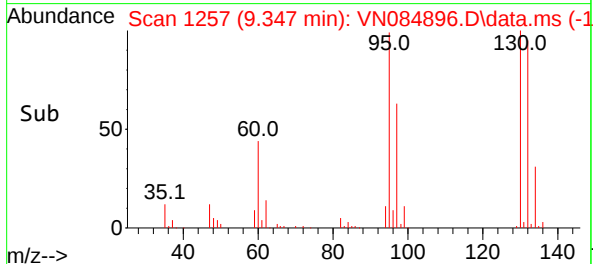
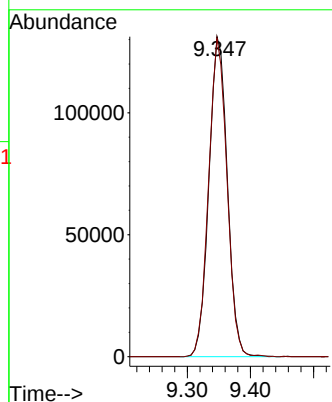
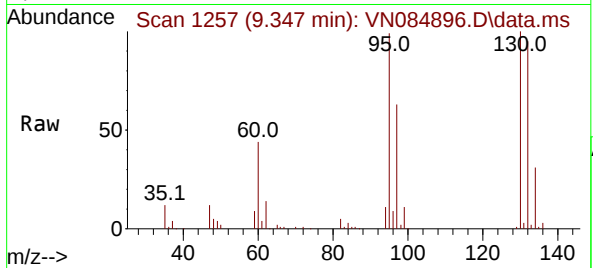




#44
Trichloroethene
Concen: 144.020 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

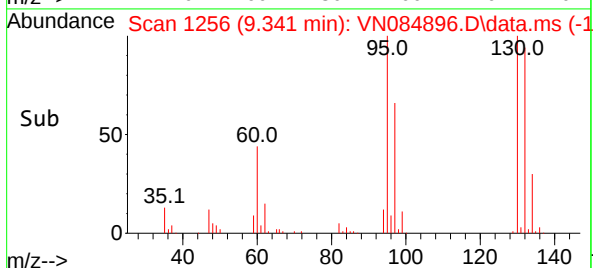
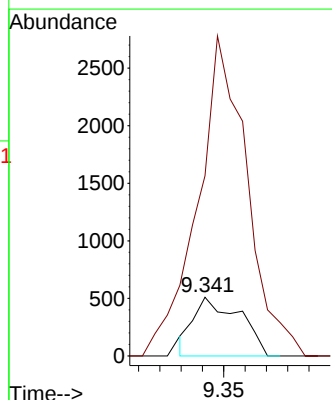
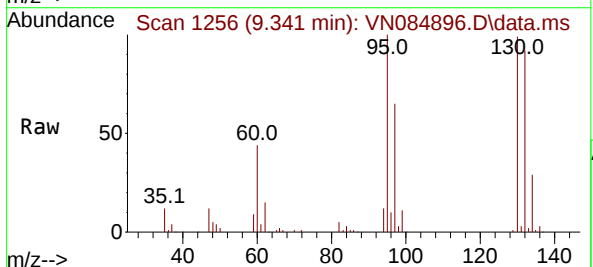
Instrument :
MSVOA_N
ClientSampleId :

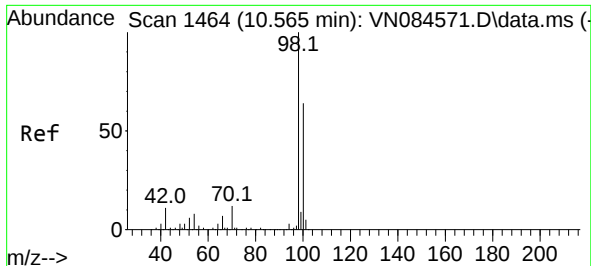
Tgt Ion:130 Resp: 266130
Ion Ratio Lower Upper
130 100
95 99.4 0.0 203.0



#45
1,2-Dichloropropane
Concen: 0.405 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.277 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Tgt Ion: 63 Resp: 762
Ion Ratio Lower Upper
63 100
65 250.2 24.6 37.0#

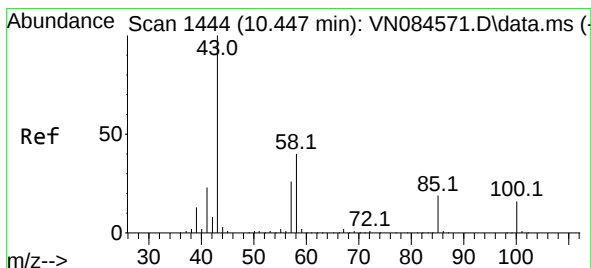
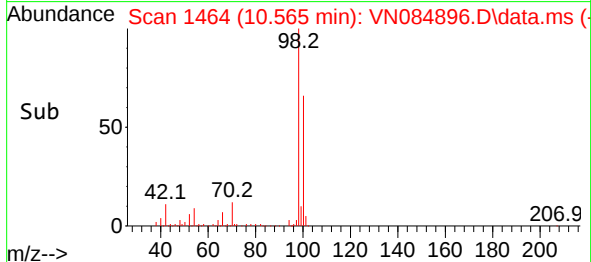
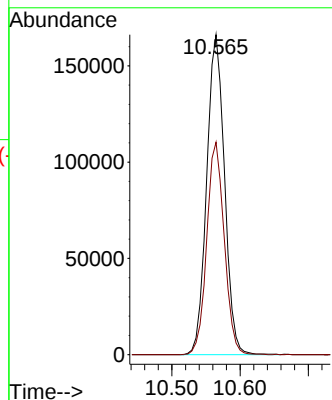
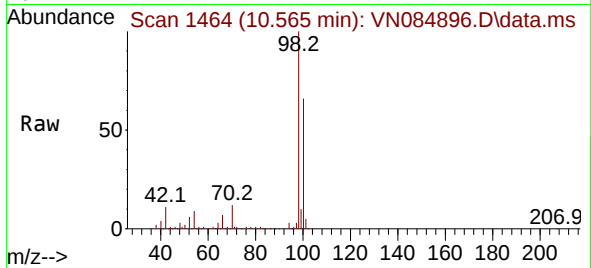




#50
Toluene-d8
Concen: 45.677 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

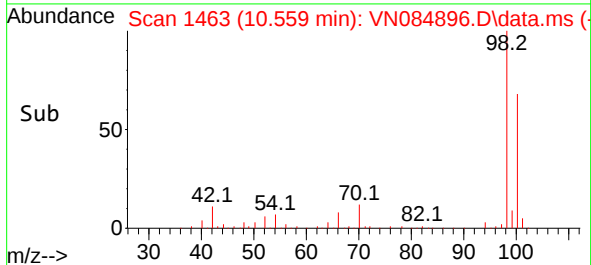
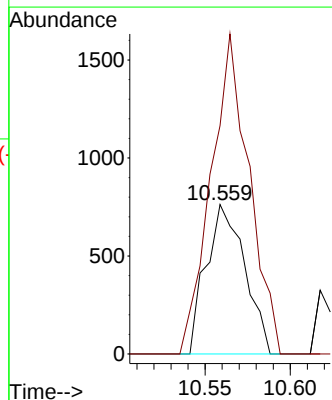
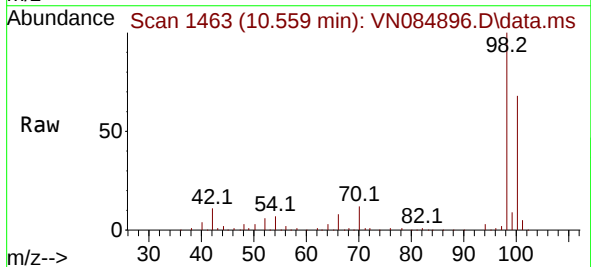
Instrument :
MSVOA_N
ClientSampleId :

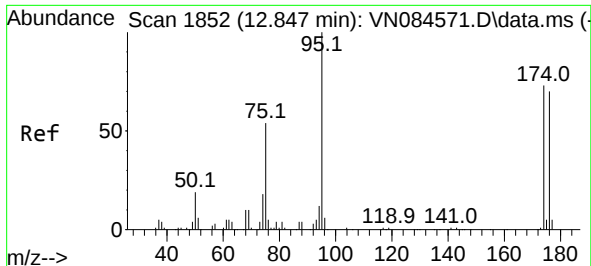
Tgt Ion: 98 Resp: 302694
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 212.5 31.6 47.4#

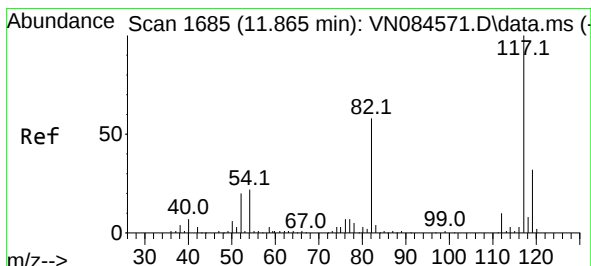
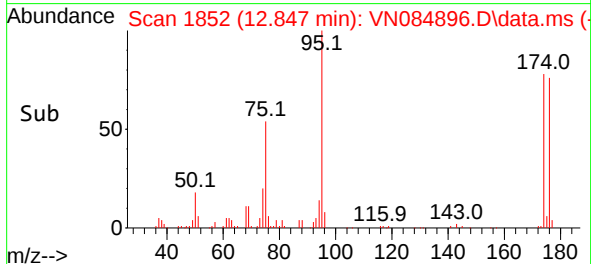
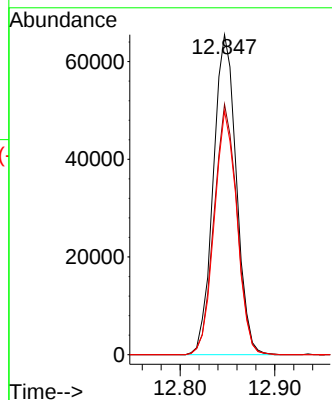
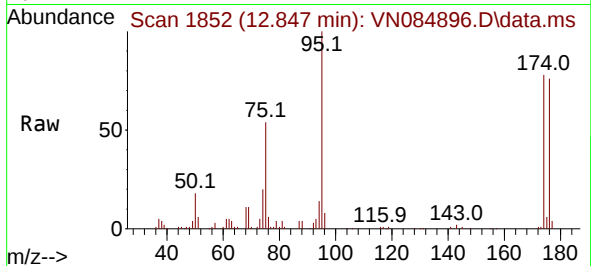




#62
4-Bromofluorobenzene
Concen: 44.753 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

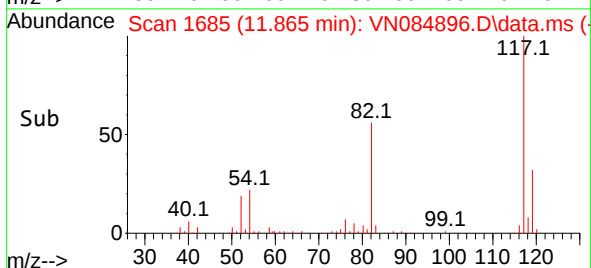
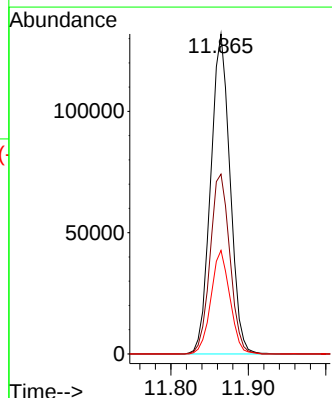
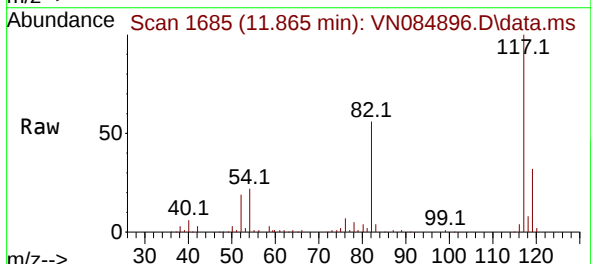
Instrument :
MSVOA_N
ClientSampleId :

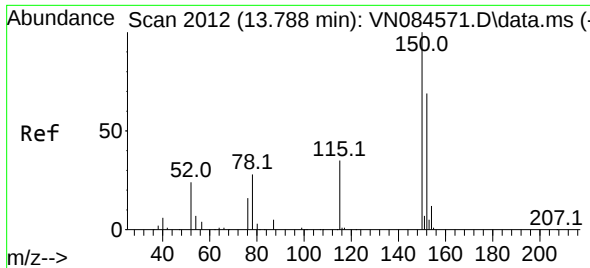
Tgt Ion: 95 Resp: 110838
Ion Ratio Lower Upper
95 100
174 77.9 0.0 145.2
176 74.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

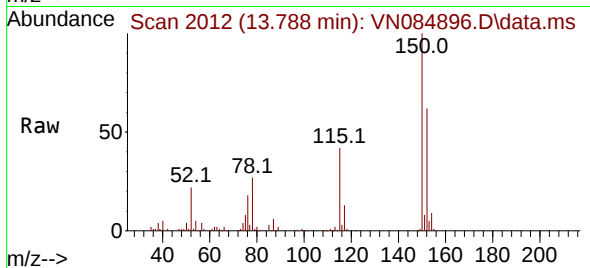
Tgt Ion: 117 Resp: 228712
Ion Ratio Lower Upper
117 100
82 56.2 47.2 70.8
119 32.4 25.4 38.0



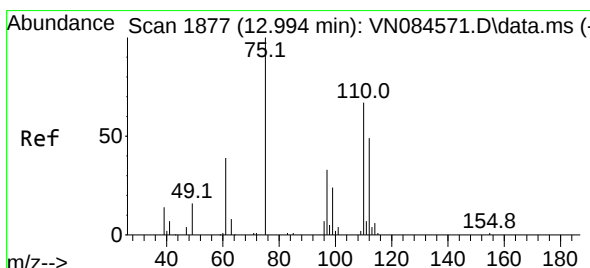
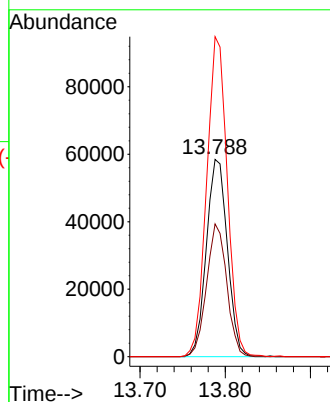
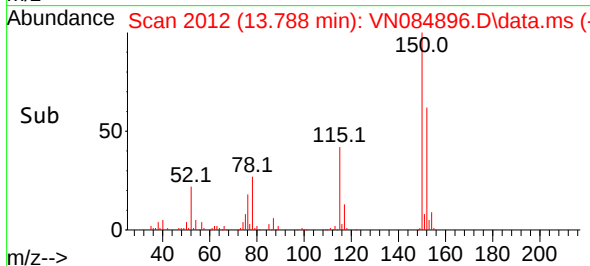


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084896.D
 Acq: 17 Nov 2024 15:36

Instrument :
 MSVOA_N
 ClientSampleId :

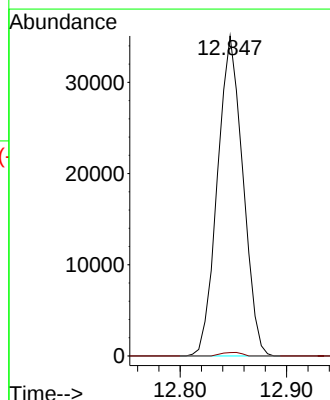
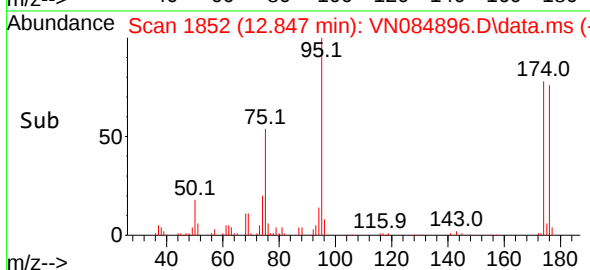
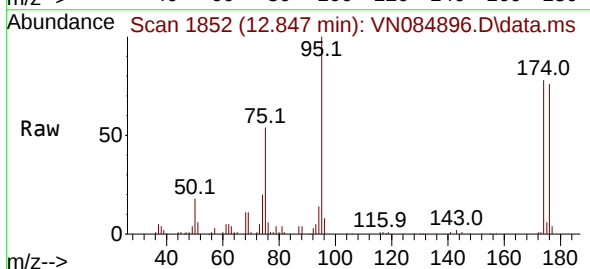


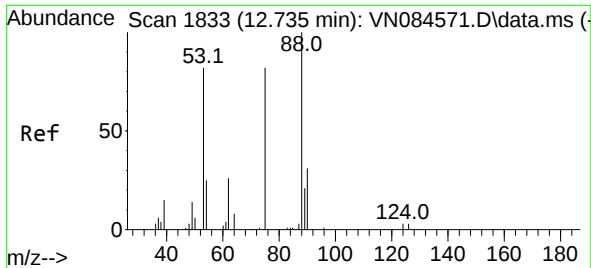
Tgt Ion:152 Resp: 100197
 Ion Ratio Lower Upper
 152 100
 115 64.6 31.3 93.9
 150 158.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.064 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084896.D
 Acq: 17 Nov 2024 15:36

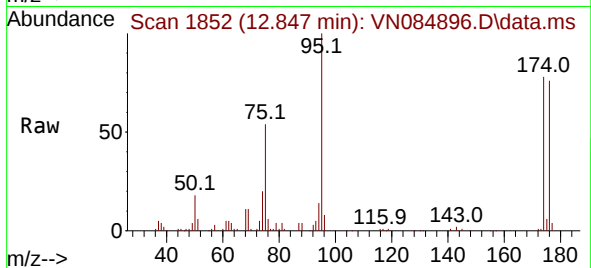
Tgt Ion: 75 Resp: 58211
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.9 290.7#



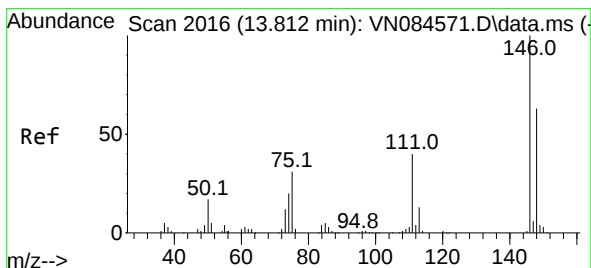
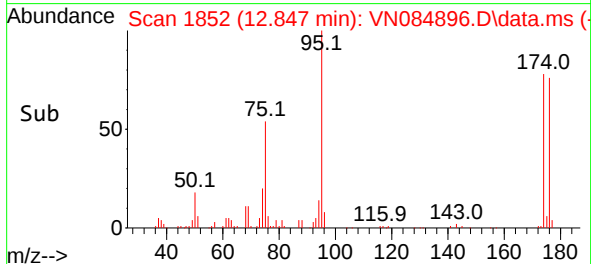
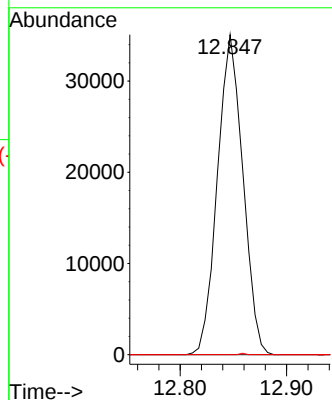


#81
trans-1,4-Dichloro-2-butene
Concen: 68.950 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 58211
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.741 min Scan# 2004
Delta R.T. -0.071 min
Lab File: VN084896.D
Acq: 17 Nov 2024 15:36

Tgt Ion:146 Resp: 54
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

