

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084676.D
 Acq On : 05 Nov 2024 10:34
 Operator : JC\MD
 Sample : VN1105WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 00:23:50 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)

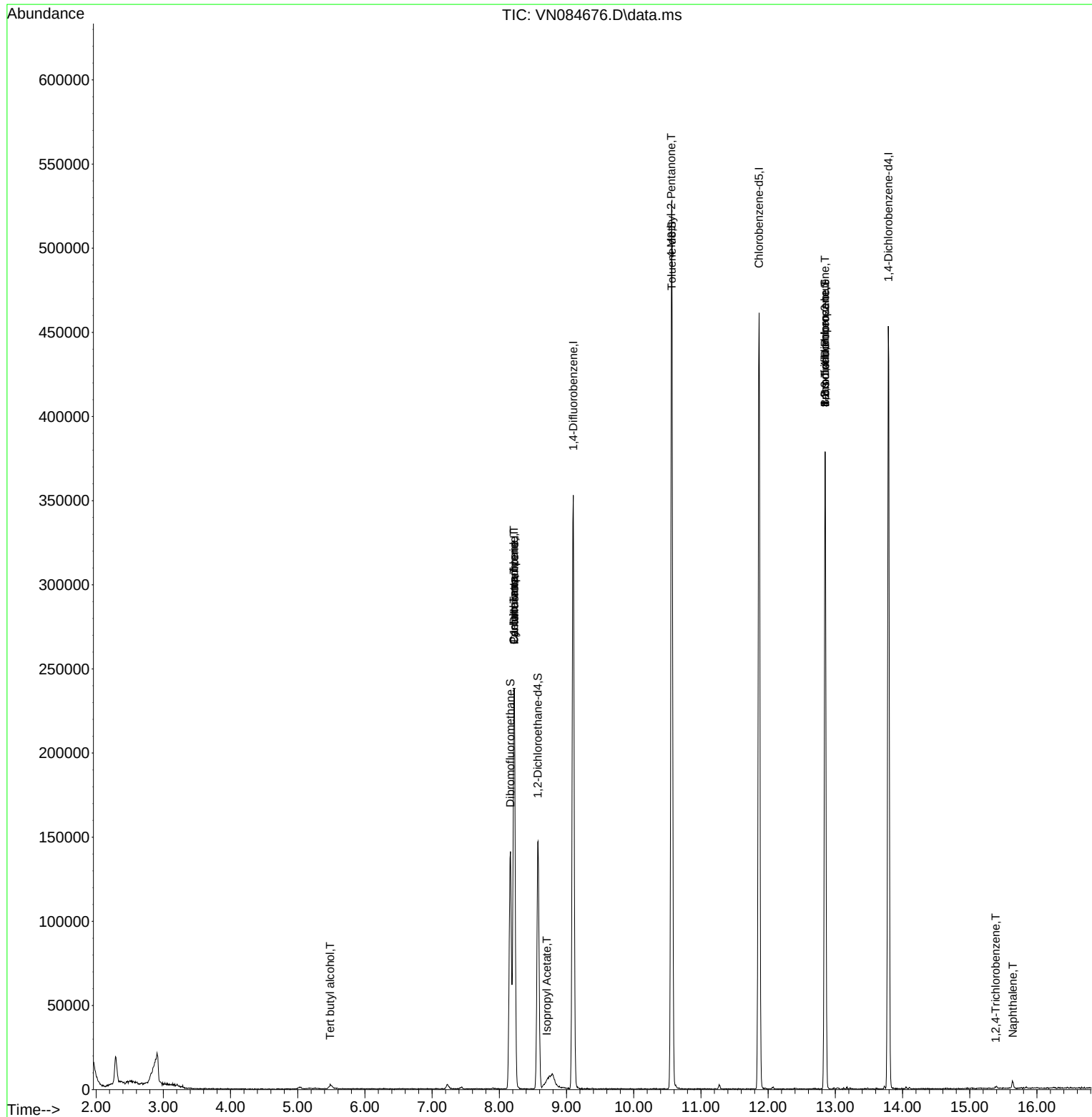
Internal Standards						
1) Pentafluorobenzene	8.224	168	175164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124738	49.304	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.600%		
35) Dibromofluoromethane	8.165	113	102464	49.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.565	98	357282	46.567	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.847	95	133155	46.437	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.880%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	938	Below Cal	#	41
6) Chloroethane	3.095	64	574	Below Cal	#	45
11) Tert butyl alcohol	5.483	59	2469	7.393	ug/l #	73
16) Acetone	4.442	43	58	Below Cal	#	44
18) Methyl Acetate	5.024	43	1361	Below Cal	#	80
31) Cyclohexane	8.218	56	3840	1.099	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	14598	5.054	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19135	5.926	ug/l #	14
43) Isopropyl Acetate	8.706	43	5726	0.222	ug/l #	56
51) 4-Methyl-2-Pentanone	10.559	43	1254	0.502	ug/l #	1
71) Bromoform	12.847	173	695	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66504	27.163	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66504	64.441	ug/l #	11
88) 1,4-Dichlorobenzene	13.729	146	713	Below Cal		83
93) 1,2,4-Trichlorobenzene	15.388	180	627	0.265	ug/l #	85
95) Naphthalene	15.641	128	4384	0.618	ug/l #	91

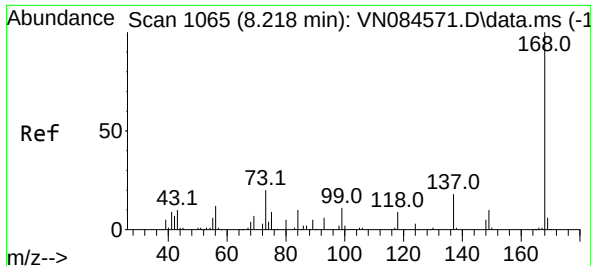
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 06 00:23:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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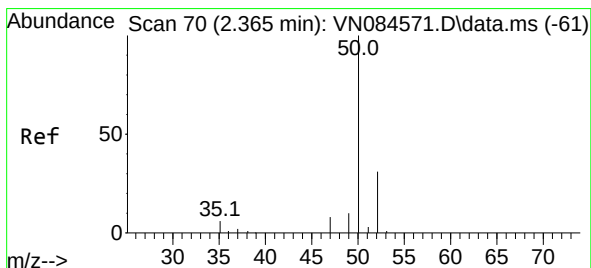
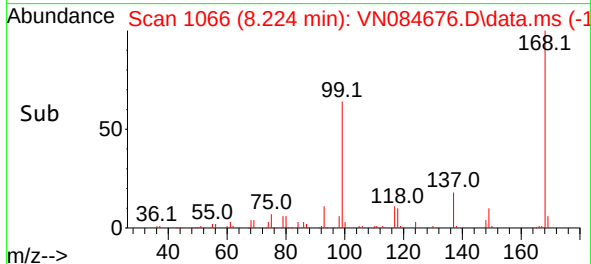
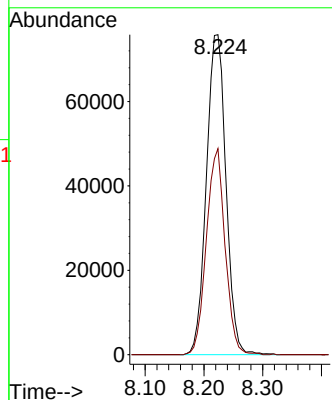
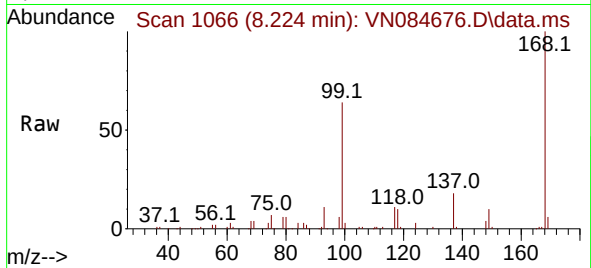




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

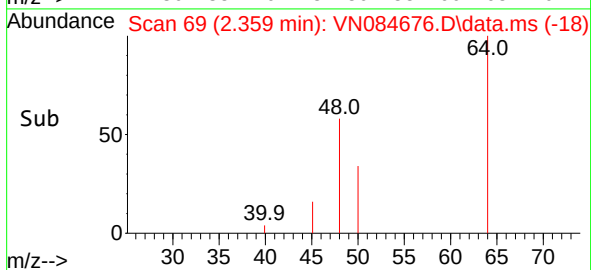
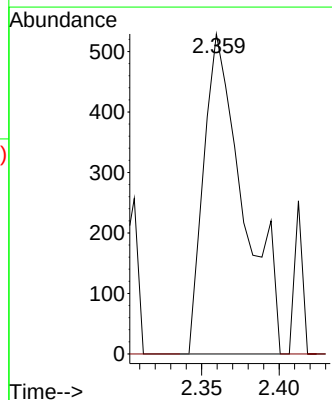
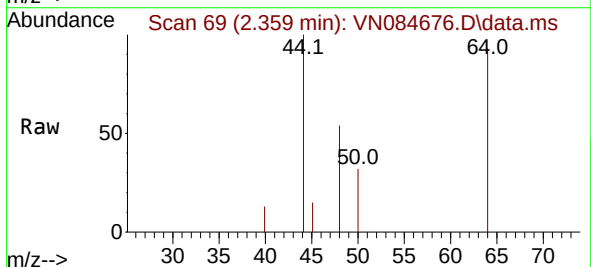
Instrument :
MSVOA_N
ClientSampleId :

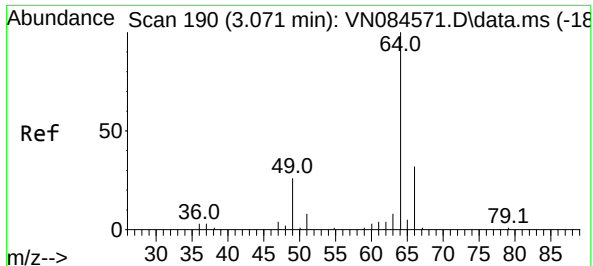
Tgt Ion:168 Resp: 175164
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

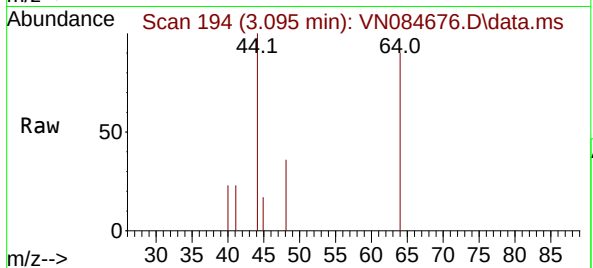
Tgt Ion: 50 Resp: 938
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



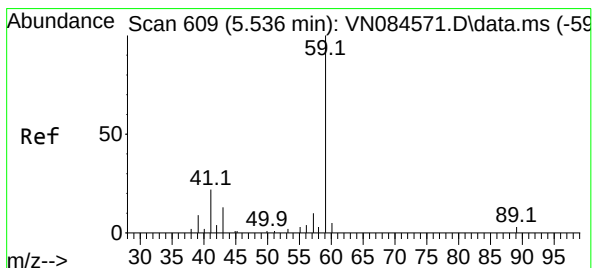
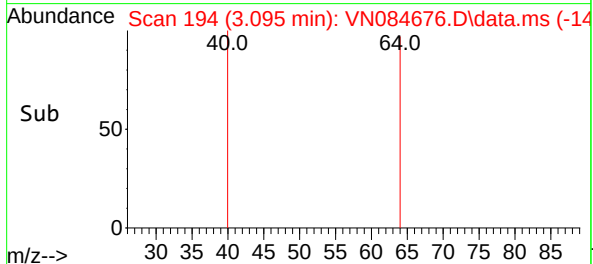
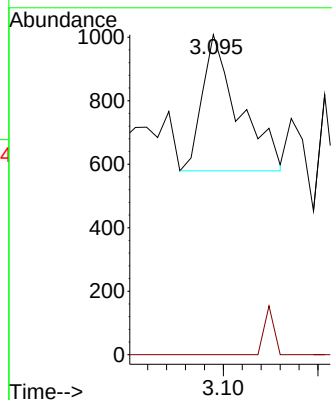


#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

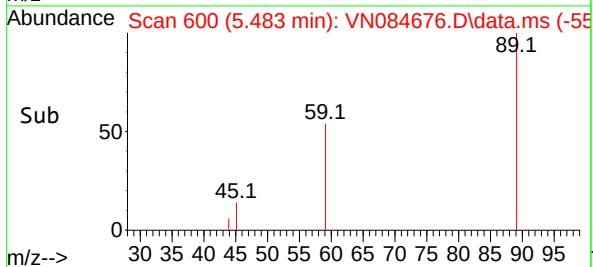
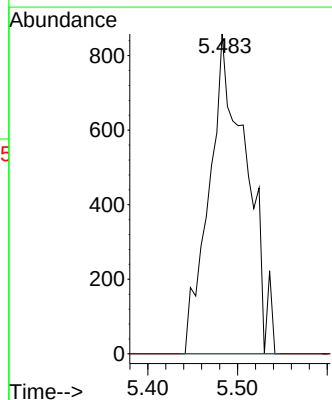
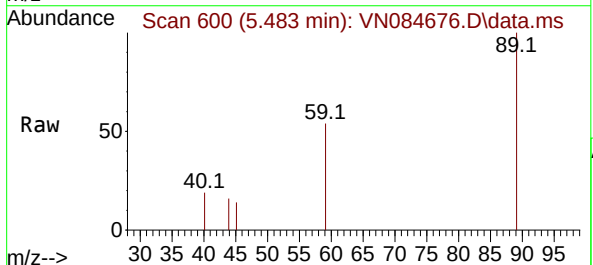


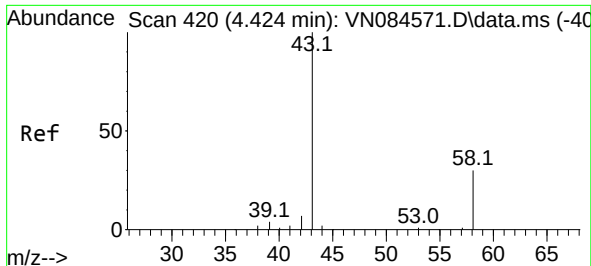
Tgt Ion: 64 Resp: 574
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 7.393 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.041 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

Tgt Ion: 59 Resp: 2469
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

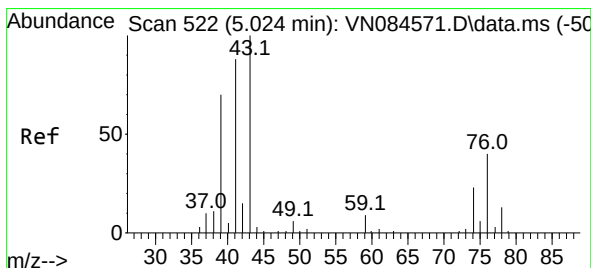
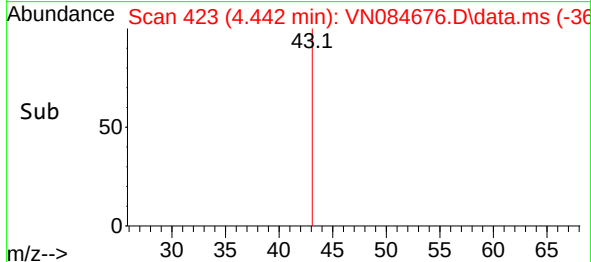
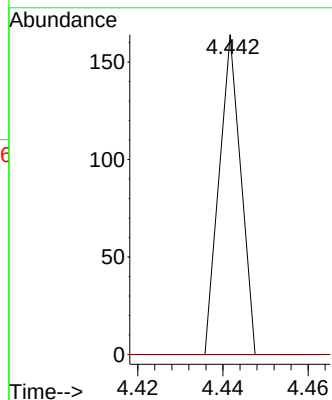
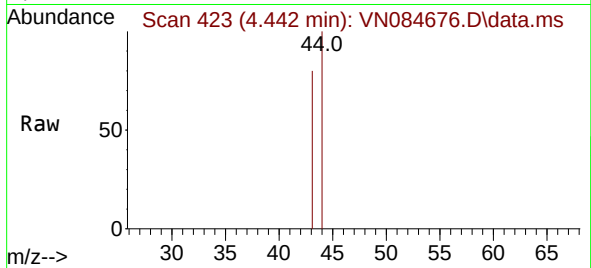




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

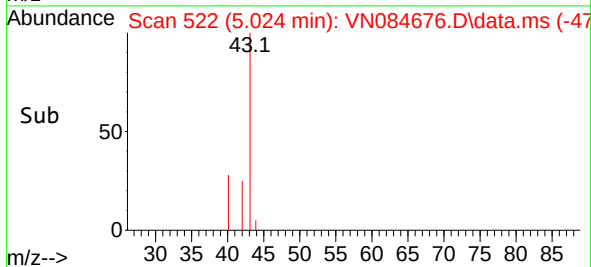
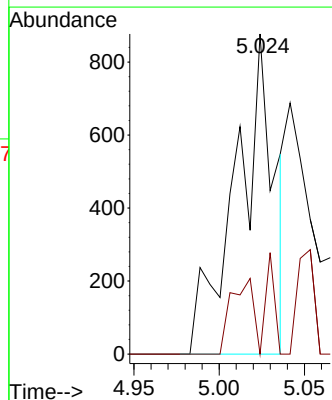
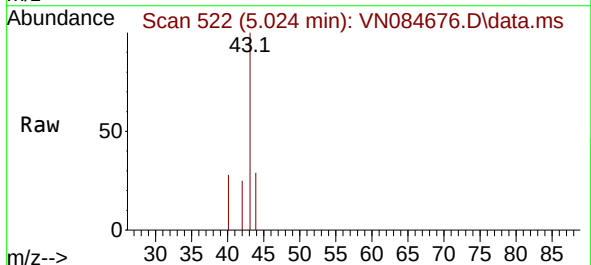
Instrument :
MSVOA_N
ClientSampleId :

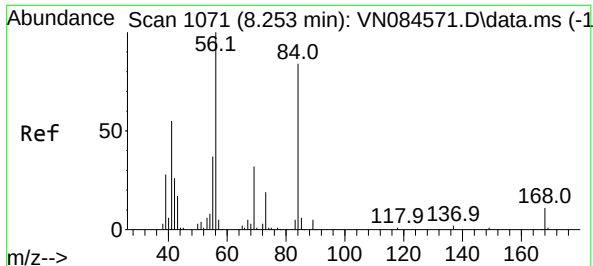
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
74 13.9 19.2 28.8#





#31

Cyclohexane

Concen: 1.099 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

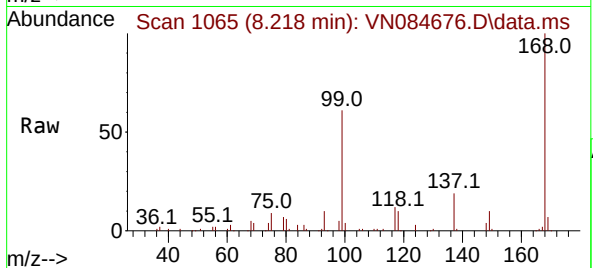
Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

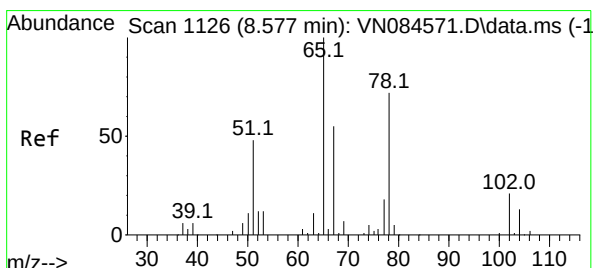
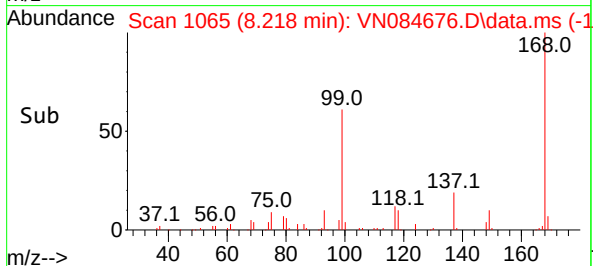
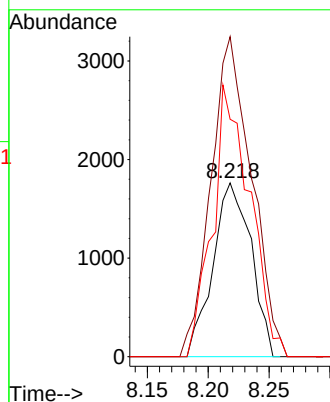
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 3840
Ion Ratio	Lower Upper
56	100
69	184.1 23.8 35.6#
84	136.6 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 49.304 ug/l

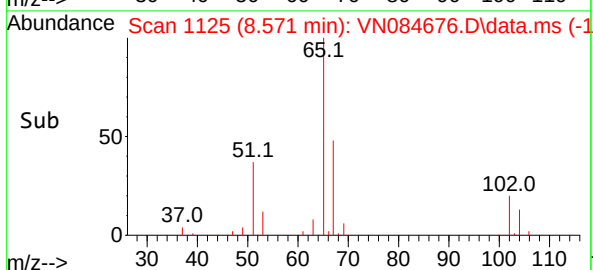
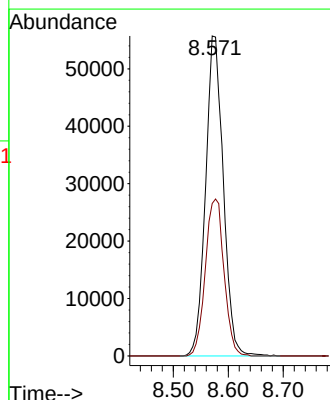
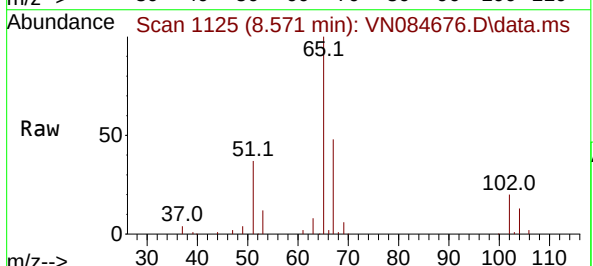
RT: 8.571 min Scan# 1125

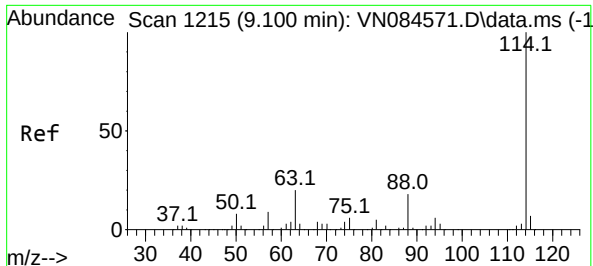
Delta R.T. -0.006 min

Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

Tgt Ion: 65	Resp: 124738
Ion Ratio	Lower Upper
65	100
67	51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

Instrument :

MSVOA_N

ClientSampleId :

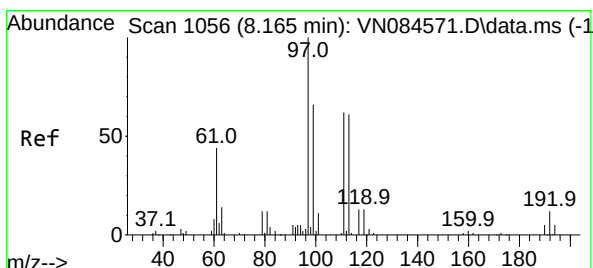
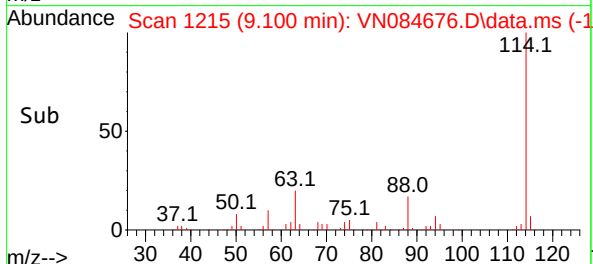
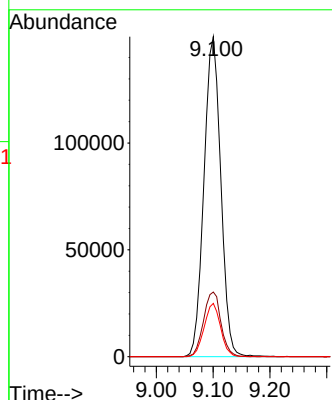
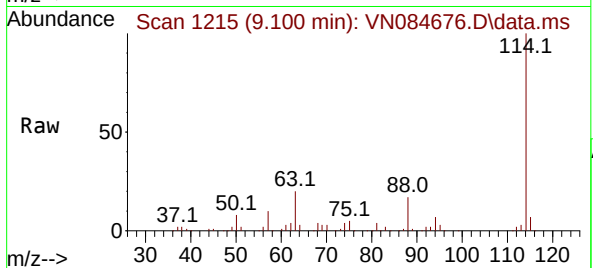
Tgt Ion:114 Resp: 307710

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.195 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

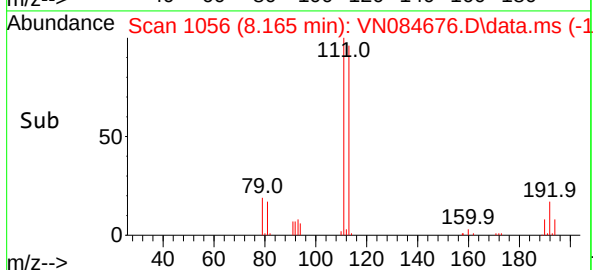
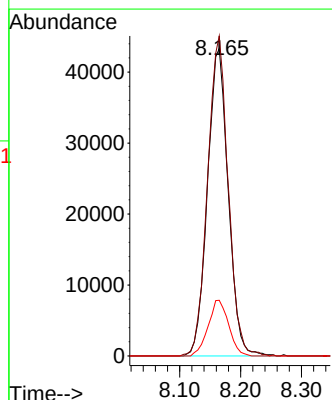
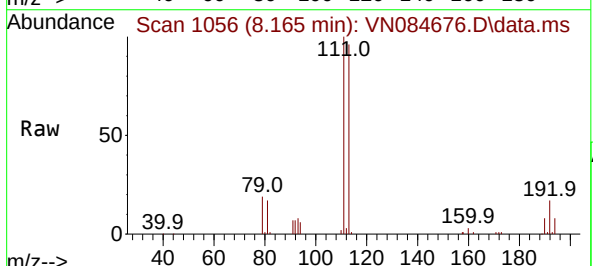
Tgt Ion:113 Resp: 102464

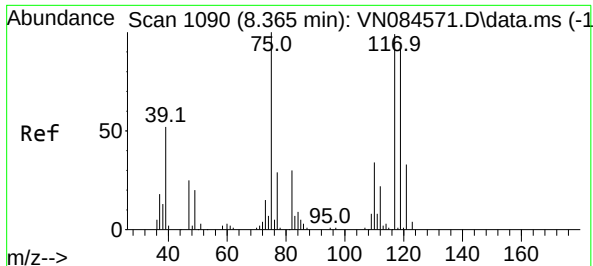
Ion Ratio Lower Upper

113 100

111 103.3 83.3 124.9

192 18.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.054 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

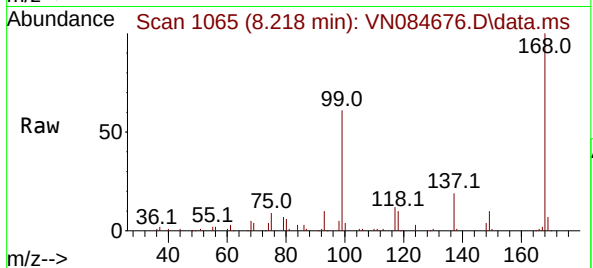
Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

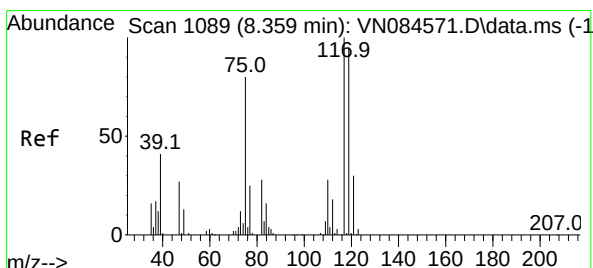
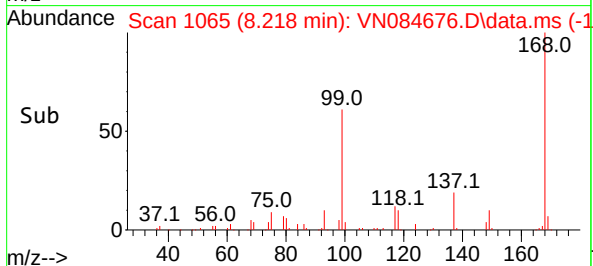
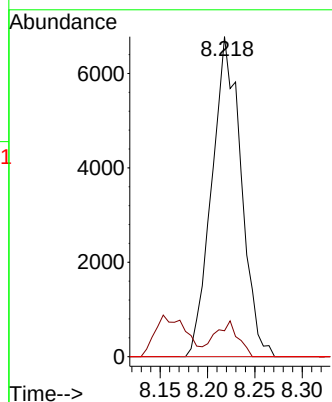
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	14598
Ion Ratio	Lower	Upper	
75	100		
110	8.7	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.926 ug/l

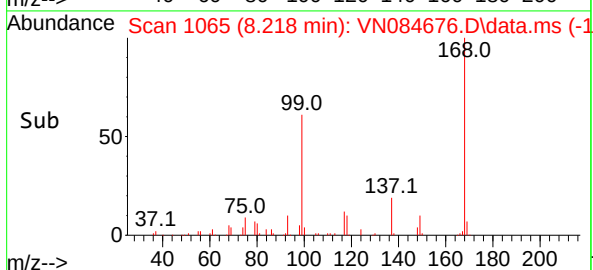
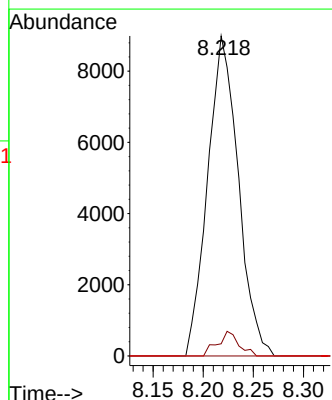
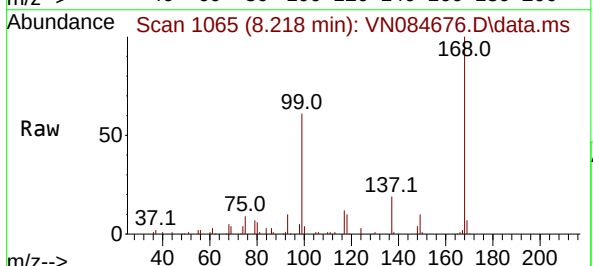
RT: 8.218 min Scan# 1065

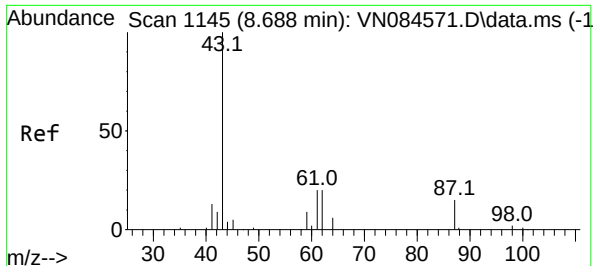
Delta R.T. -0.141 min

Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

Tgt Ion:	117	Resp:	19135
Ion Ratio	Lower	Upper	
117	100		
119	3.8	78.7	118.1#
121	0.0	24.4	36.6#

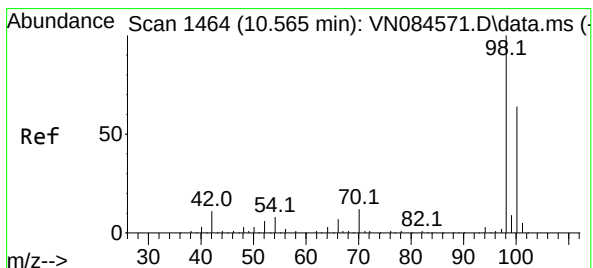
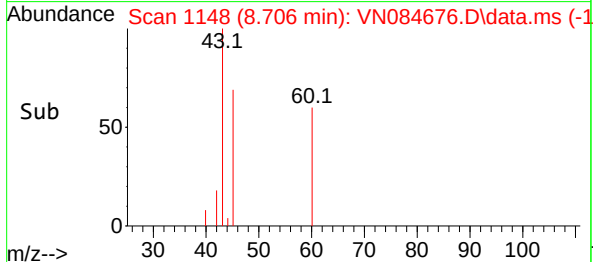
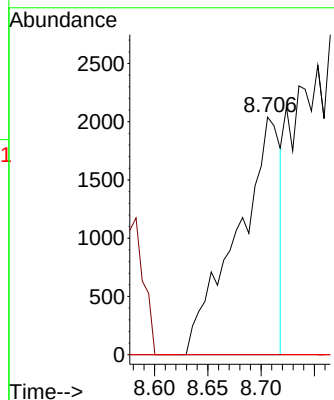
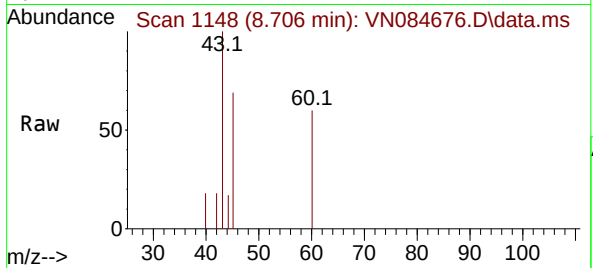




#43
Isopropyl Acetate
Concen: 0.222 ug/l
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

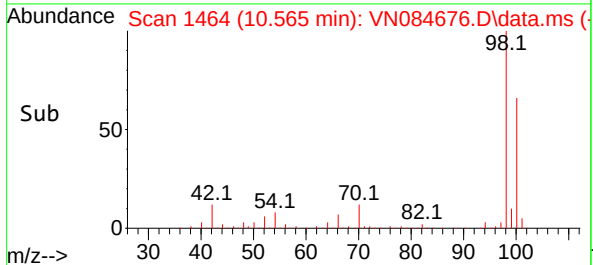
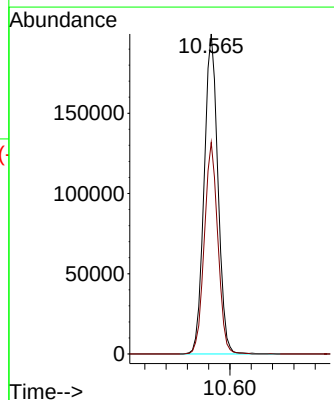
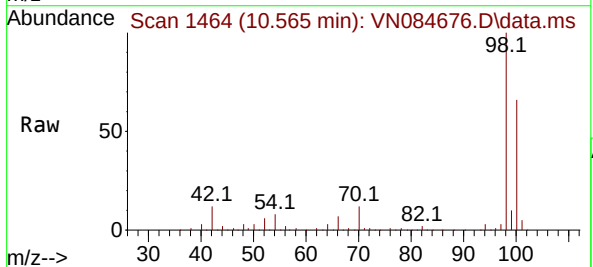
Instrument :
MSVOA_N
ClientSampleId :

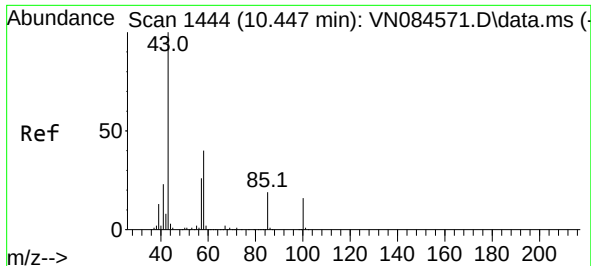
Tgt Ion: 43 Resp: 5726
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 46.567 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

Tgt Ion: 98 Resp: 357282
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

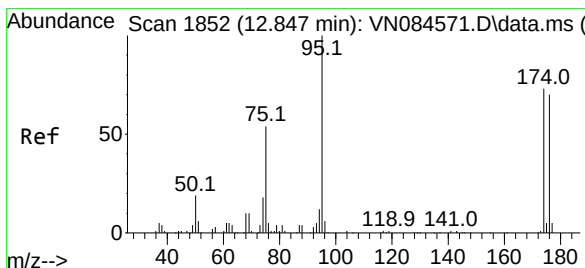
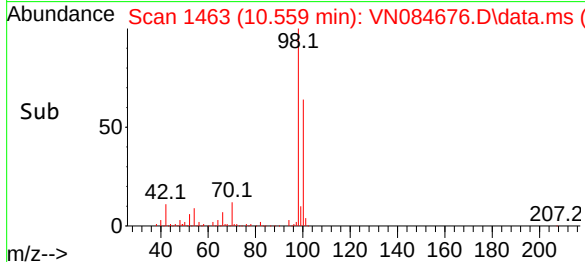
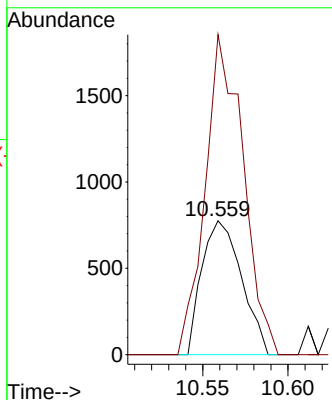
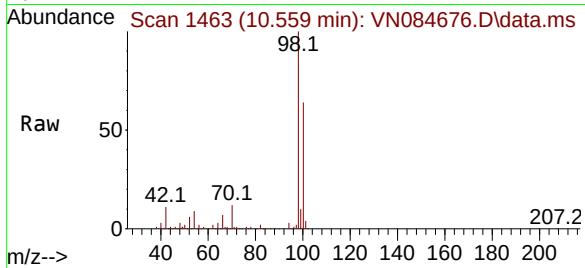




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

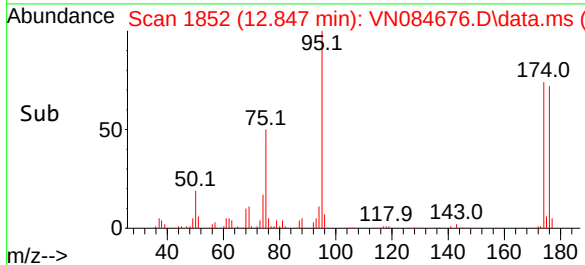
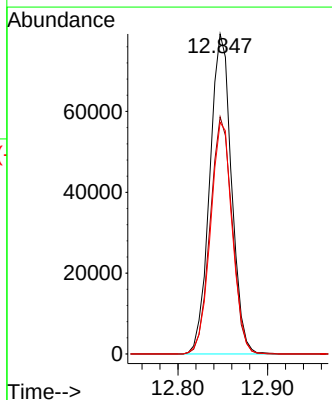
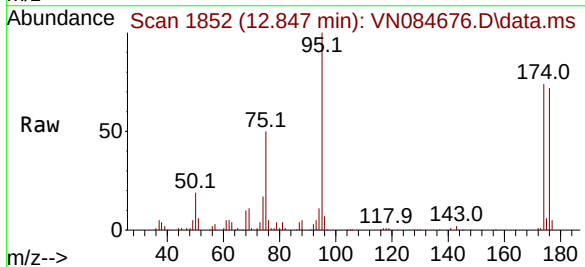
Instrument :
MSVOA_N
ClientSampleId :

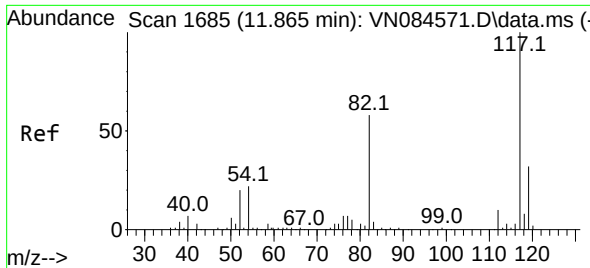
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 228.8 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 46.437 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

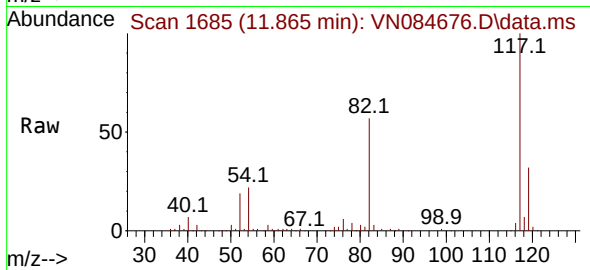
Tgt Ion: 95 Resp: 133155
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.2
176 72.6 0.0 140.0



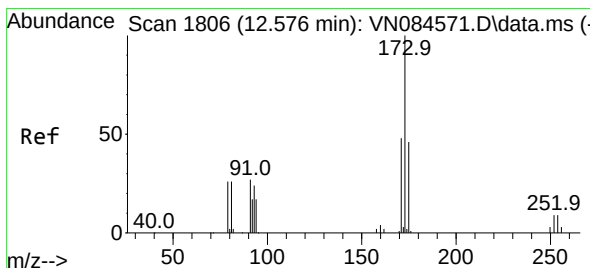
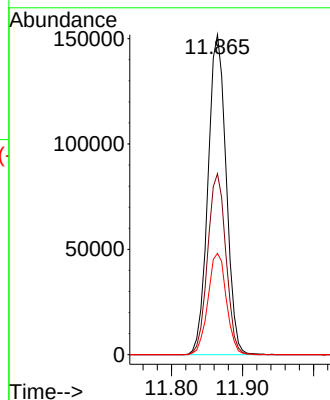
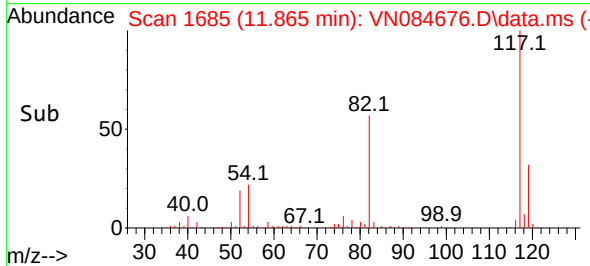


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

Instrument :
MSVOA_N
ClientSampleId :

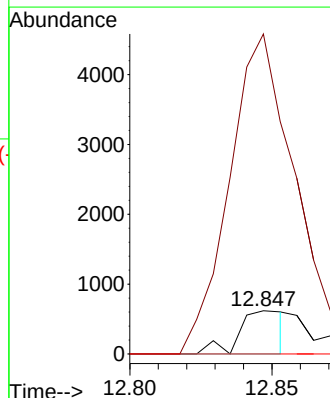
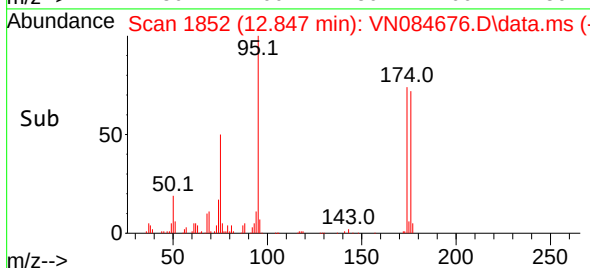
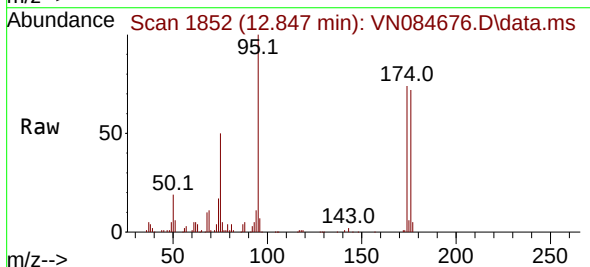


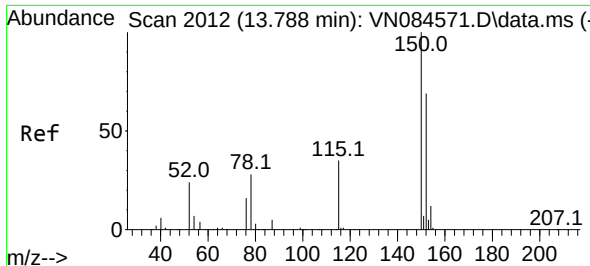
Tgt Ion:117 Resp: 269894
Ion Ratio Lower Upper
117 100
82 56.6 47.2 70.8
119 31.7 25.4 38.0



#71
Bromoform
Concen: 0.440 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084676.D
Acq: 05 Nov 2024 10:34

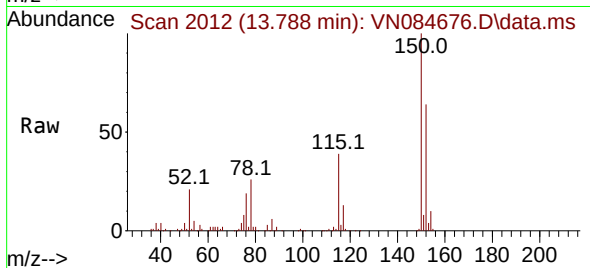
Tgt Ion:173 Resp: 695
Ion Ratio Lower Upper
173 100
175 822.0 23.5 70.6#
254 0.0 0.0 0.0



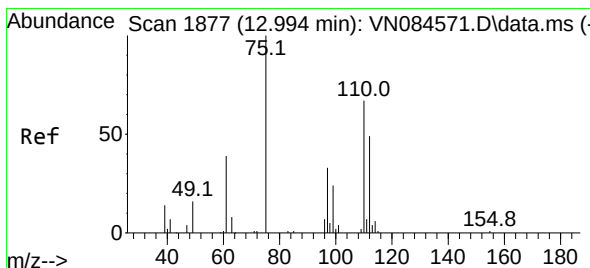
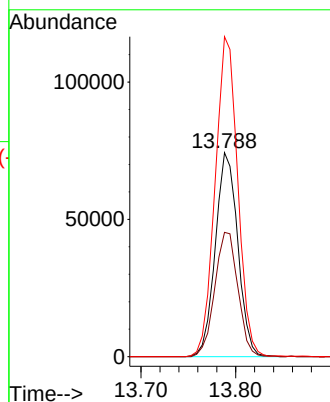
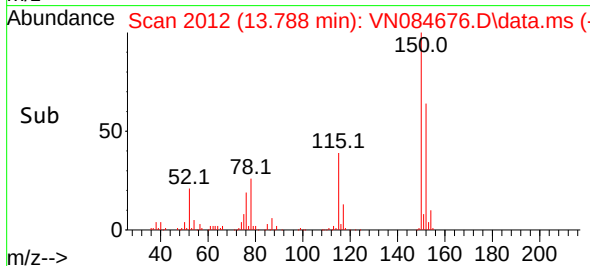


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084676.D
 Acq: 05 Nov 2024 10:34

Instrument :
 MSVOA_N
 ClientSampleId :

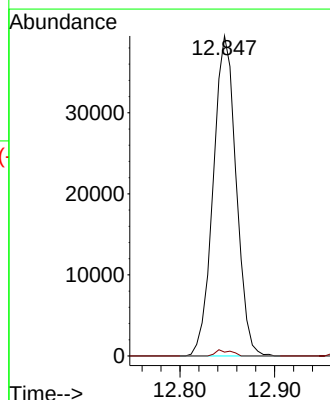
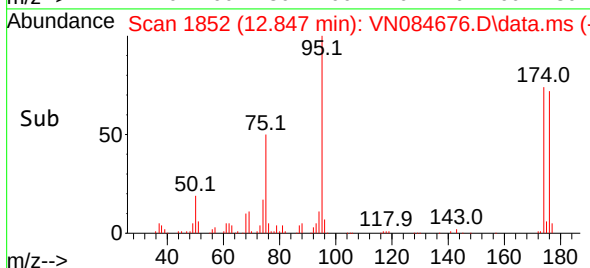
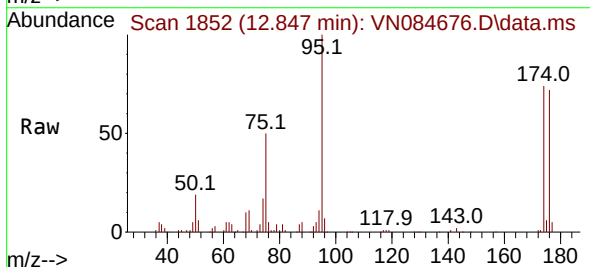


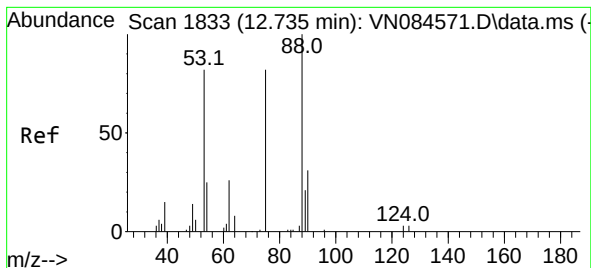
Tgt Ion:152 Resp: 122481
 Ion Ratio Lower Upper
 152 100
 115 62.8 31.3 93.9
 150 157.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.163 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084676.D
 Acq: 05 Nov 2024 10:34

Tgt Ion: 75 Resp: 66504
 Ion Ratio Lower Upper
 75 100
 77 1.3 96.9 290.7#

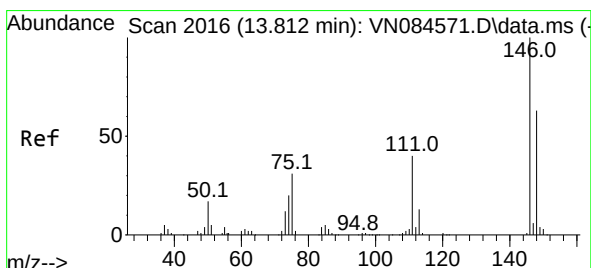
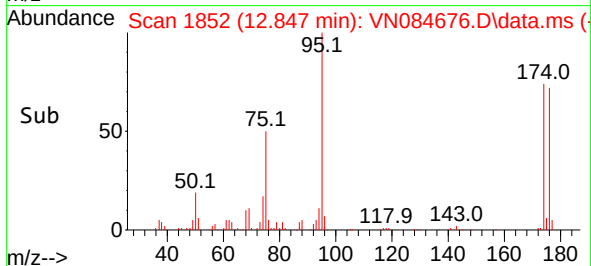
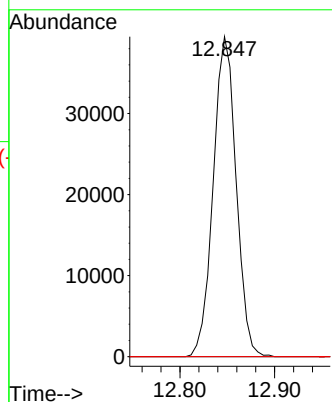
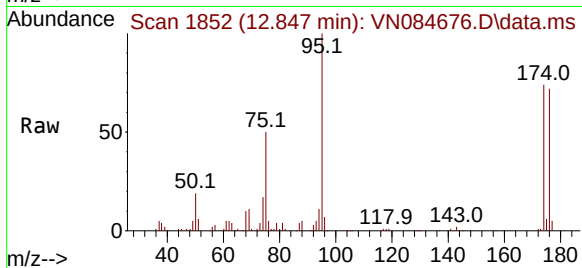




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.441 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084676.D
 Acq: 05 Nov 2024 10:34

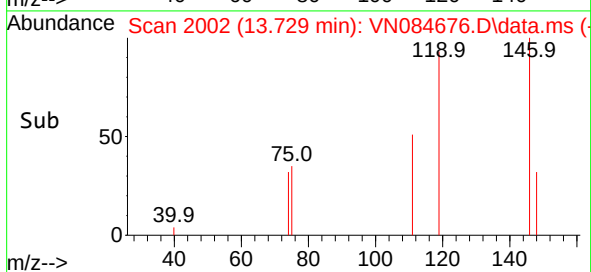
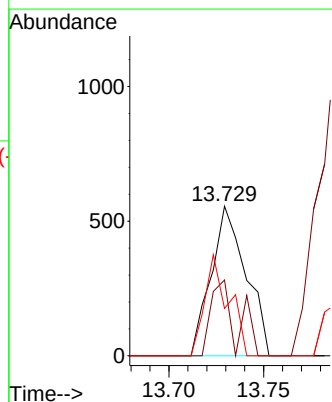
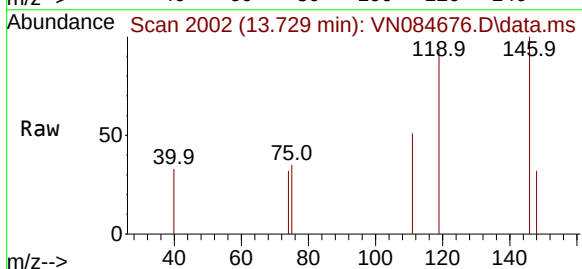
Instrument :
 MSVOA_N
 ClientSampleId :

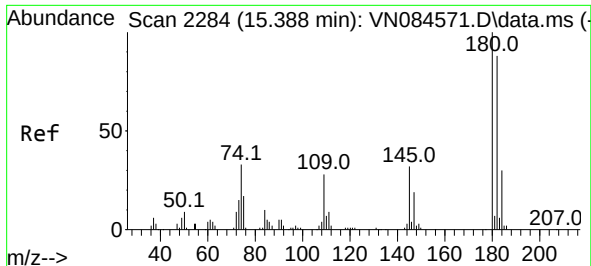
Tgt Ion: 75 Resp: 66504
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.083 min
 Lab File: VN084676.D
 Acq: 05 Nov 2024 10:34

Tgt Ion:146 Resp: 713
 Ion Ratio Lower Upper
 146 100
 111 36.9 21.2 63.6
 148 46.1 31.9 95.9





#93

1,2,4-Trichlorobenzene

Concen: 0.265 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

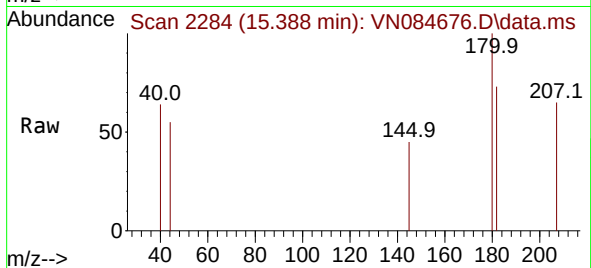
Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

Instrument :

MSVOA_N

ClientSampleId :



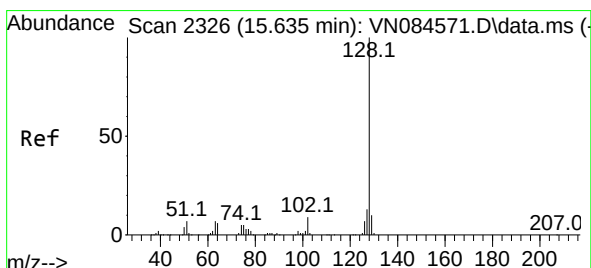
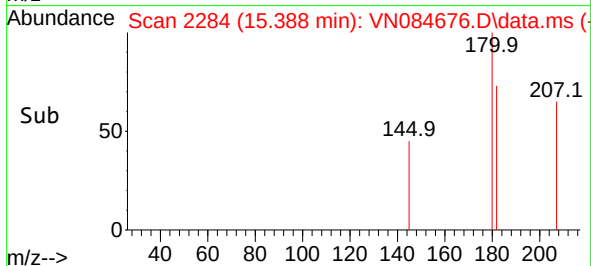
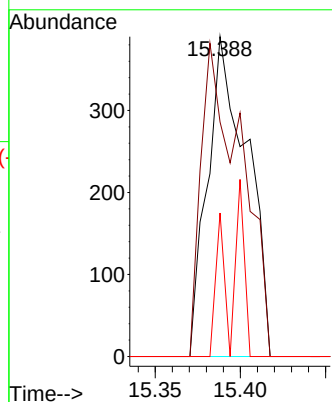
Tgt Ion:180 Resp: 627

Ion Ratio Lower Upper

180 100

182 99.8 47.0 141.0

145 9.9 16.4 49.4#



#95

Naphthalene

Concen: 0.618 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084676.D

Acq: 05 Nov 2024 10:34

Tgt Ion:128 Resp: 4384

Ion Ratio Lower Upper

128 100

127 16.0 10.5 15.7#

129 6.9 8.7 13.1#

