

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084718.D
 Acq On : 07 Nov 2024 12:48
 Operator : JC\MD
 Sample : VN1107WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:24:31 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)

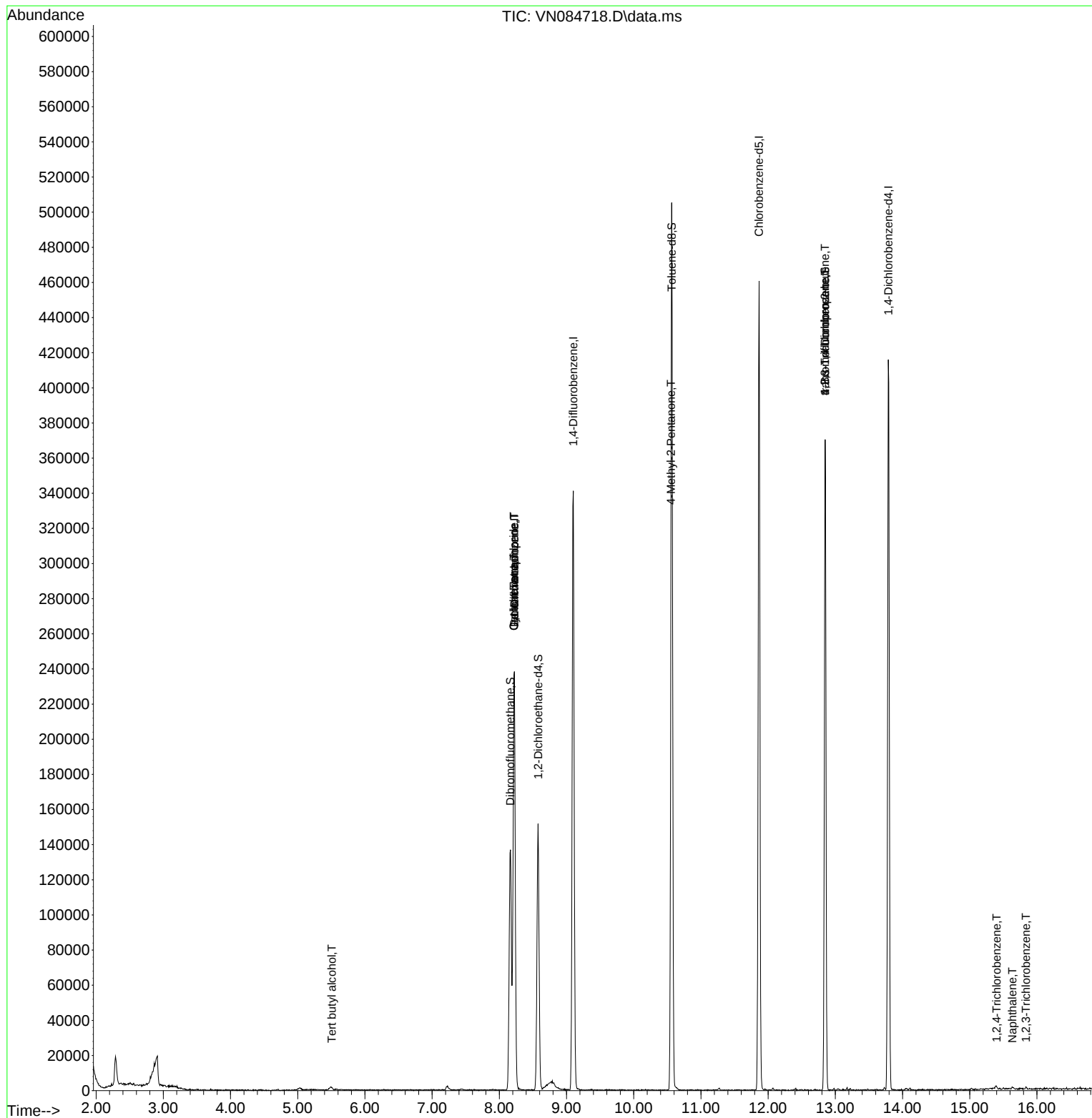
Internal Standards						
1) Pentafluorobenzene	8.224	168	174485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121728	48.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	8.165	113	100482	50.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	10.565	98	345151	46.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.847	95	128936	46.885	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	777	Below Cal	#	87
6) Chloroethane	3.118	64	644	Below Cal	#	45
11) Tert butyl alcohol	5.506	59	476	1.431	ug/l #	73
18) Methyl Acetate	5.030	43	2528	Below Cal	#	89
31) Cyclohexane	8.218	56	3734	1.073	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	14406	5.200	ug/l #	49
38) Carbon Tetrachloride	8.218	117	18221	5.884	ug/l #	15
43) Isopropyl Acetate	8.653	43	520	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.553	43	1469	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65288	27.899	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65288	66.188	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	1106	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.400	180	696	0.307	ug/l #	87
95) Naphthalene	15.635	128	1783	0.263	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.835	180	635	0.289	ug/l	90

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

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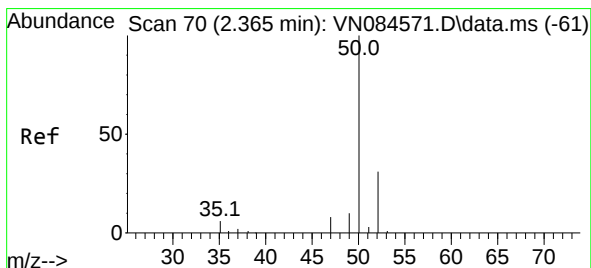
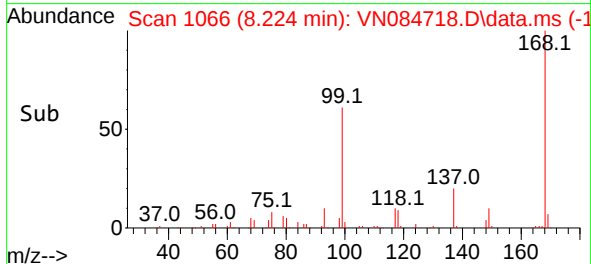
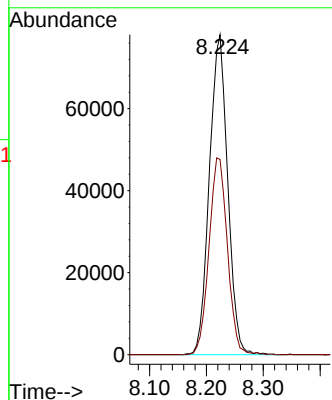
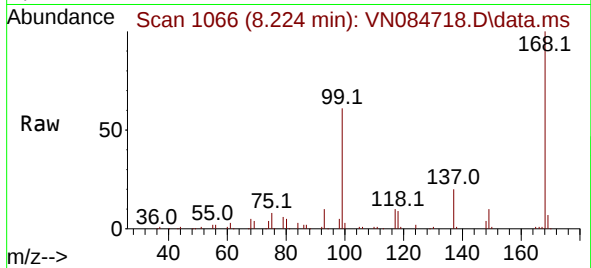




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

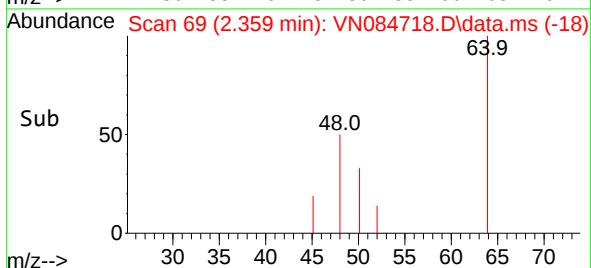
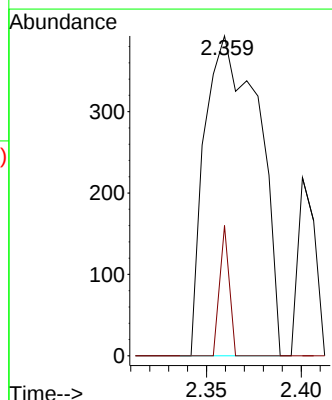
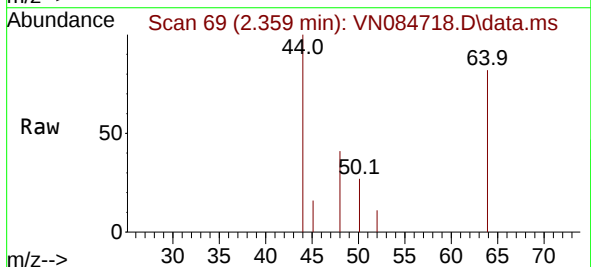
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 174485
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

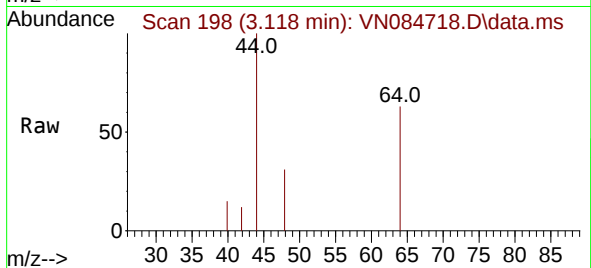
Tgt Ion: 50 Resp: 777
Ion Ratio Lower Upper
50 100
52 40.7 26.8 40.2#



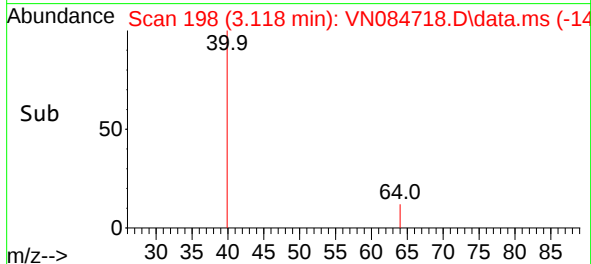
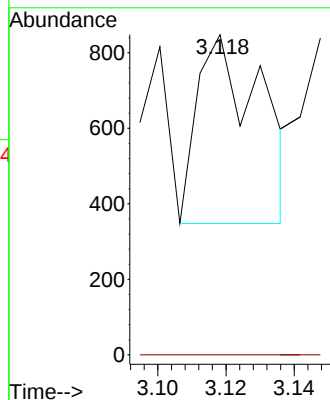


#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 190
Delta R.T. 0.000 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

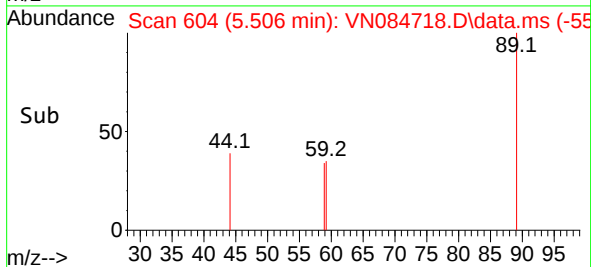
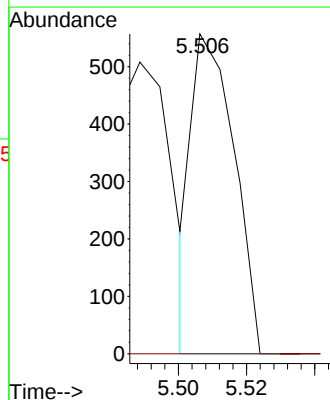
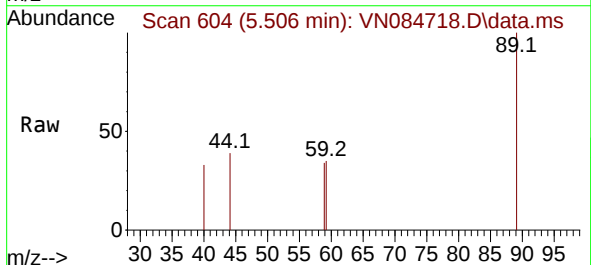


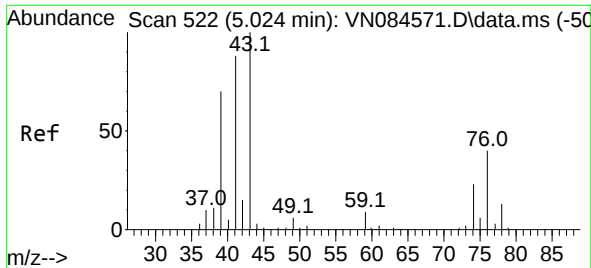
Tgt Ion: 64 Resp: 644
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 1.431 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.018 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

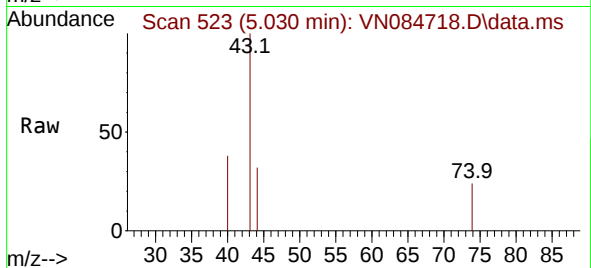
Tgt Ion: 59 Resp: 476
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



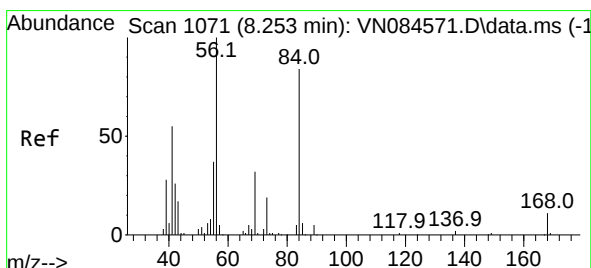
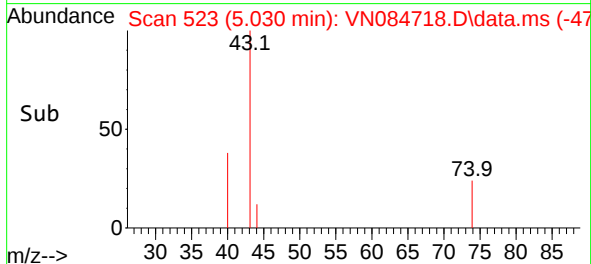
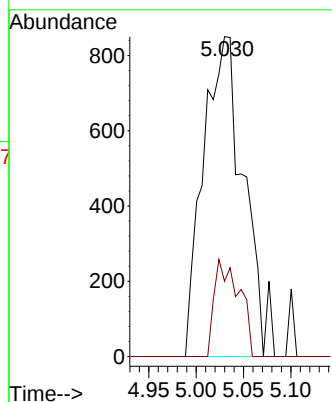


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

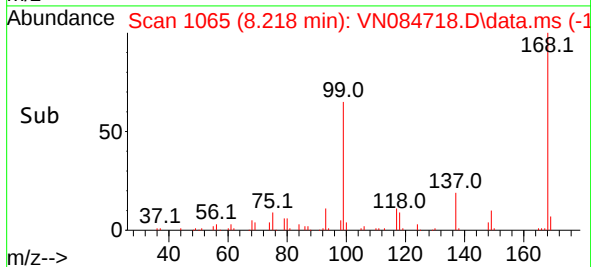
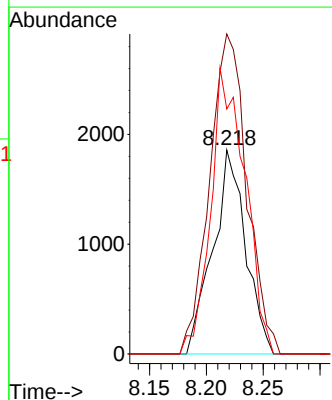
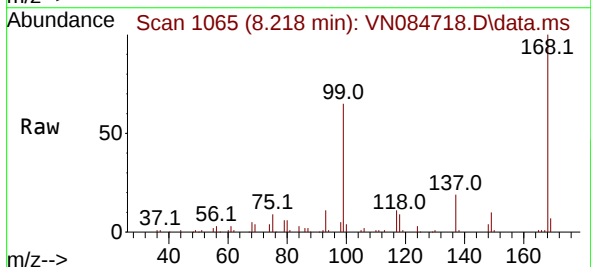


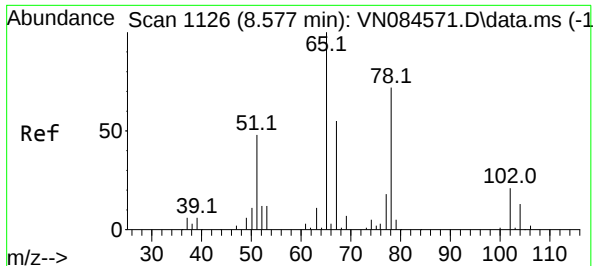
Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
74 18.6 19.2 28.8#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Tgt Ion: 56 Resp: 3734
Ion Ratio Lower Upper
56 100
69 156.8 23.8 35.6#
84 120.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.302 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

Instrument :

MSVOA_N

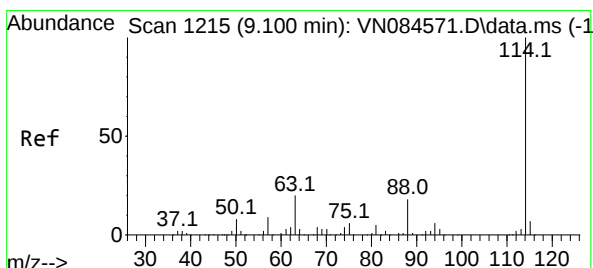
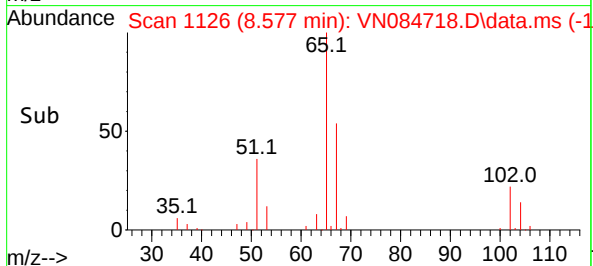
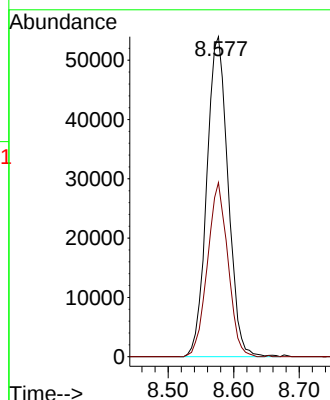
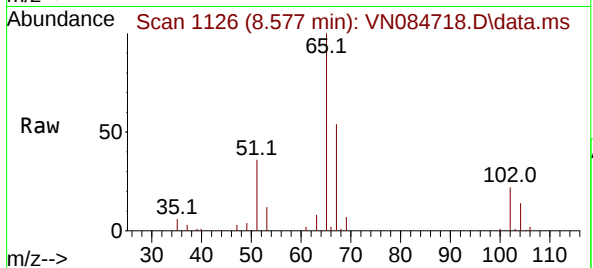
ClientSampleId :

Tgt Ion: 65 Resp: 121728

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

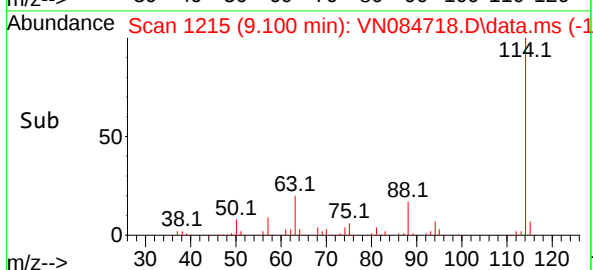
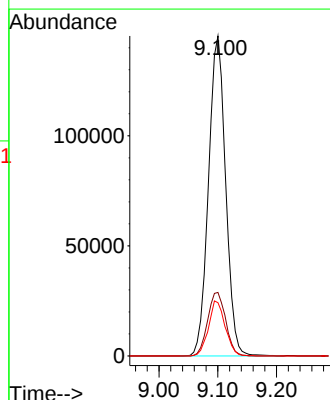
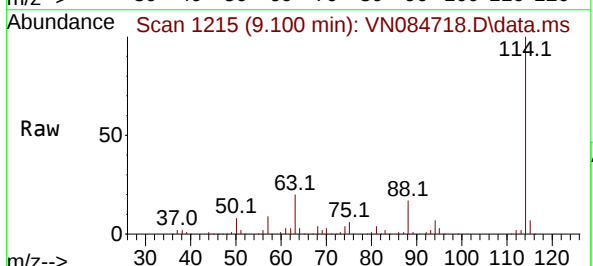
Tgt Ion: 114 Resp: 295111

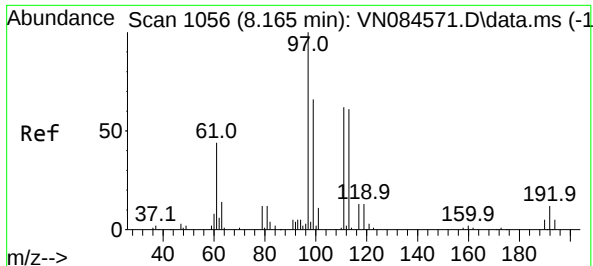
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.8

88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.303 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :

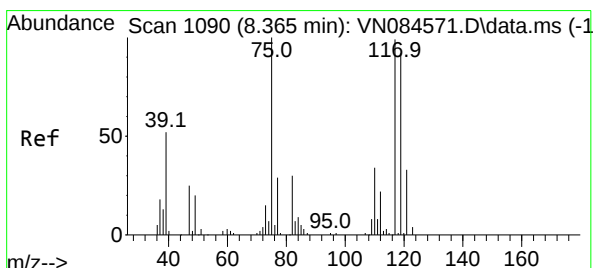
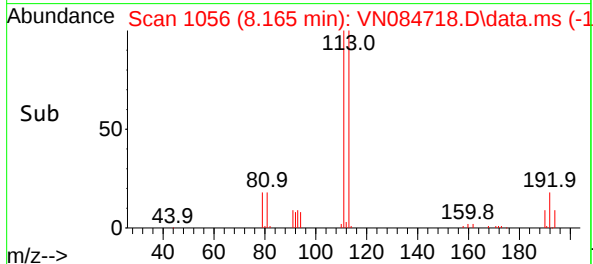
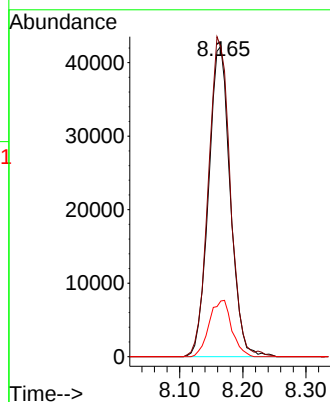
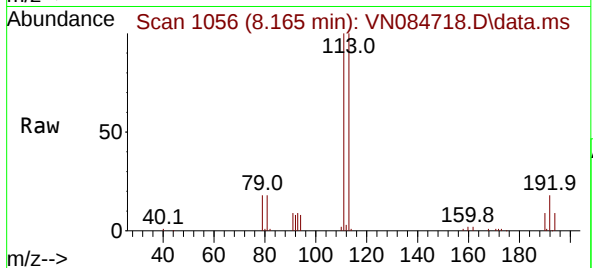
Tgt Ion:113 Resp: 100482

Ion Ratio Lower Upper

113 100

111 104.0 83.3 124.9

192 18.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.200 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

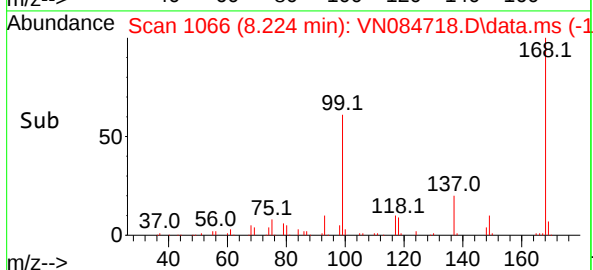
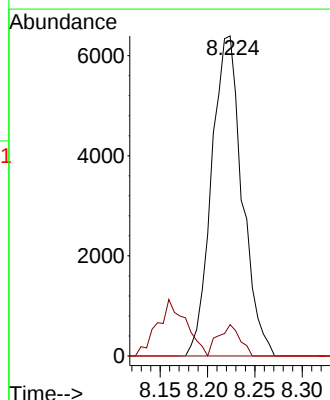
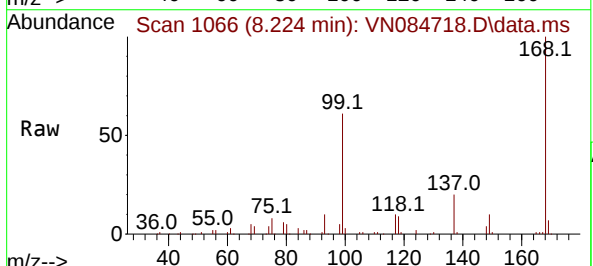
Tgt Ion: 75 Resp: 14406

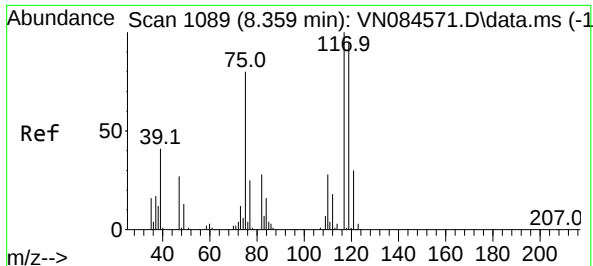
Ion Ratio Lower Upper

75 100

110 6.9 16.9 50.7#

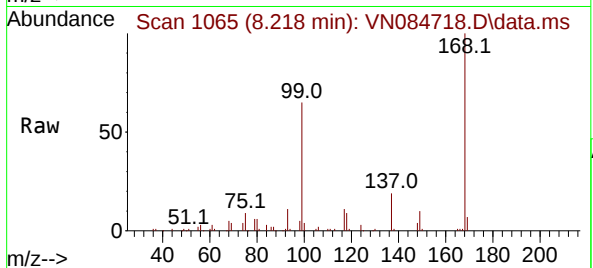
77 0.0 24.7 37.1#



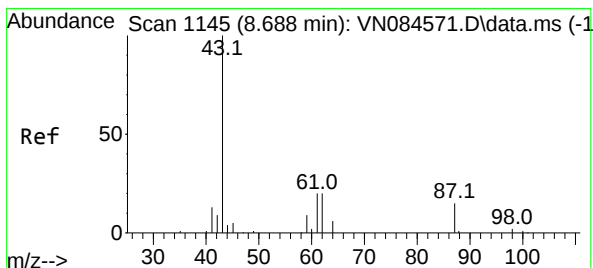
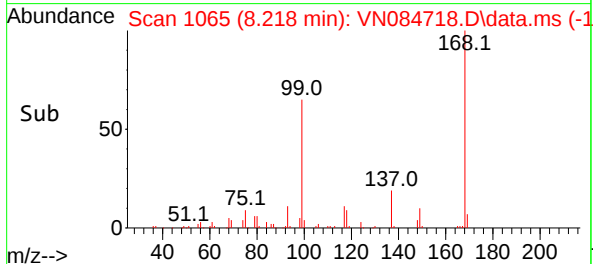
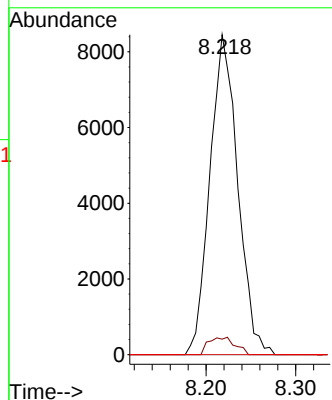


#38
Carbon Tetrachloride
Concen: 5.884 ug/l
RT: 8.218 min Scan# 1139
Delta R.T. -0.141 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Instrument :
MSVOA_N
ClientSampleId :

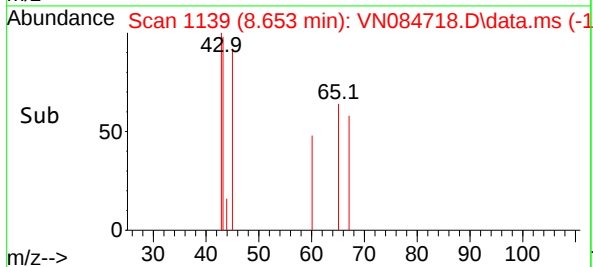
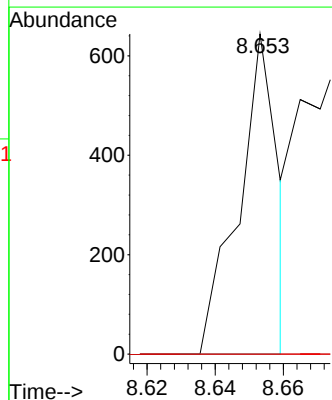
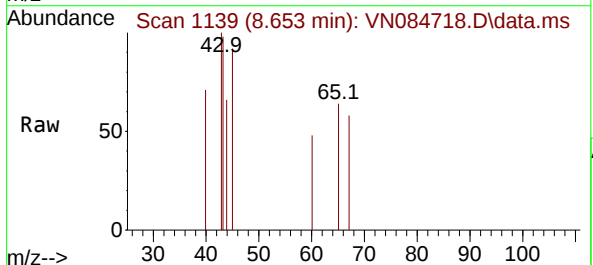


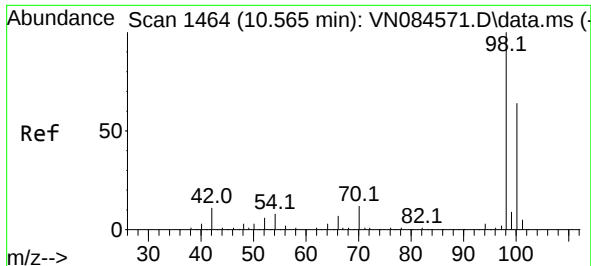
Tgt Ion:117 Resp: 18221
Ion Ratio Lower Upper
117 100
119 4.8 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

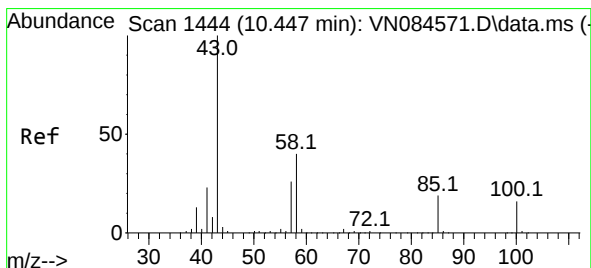
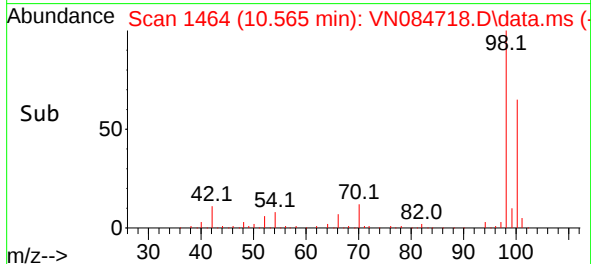
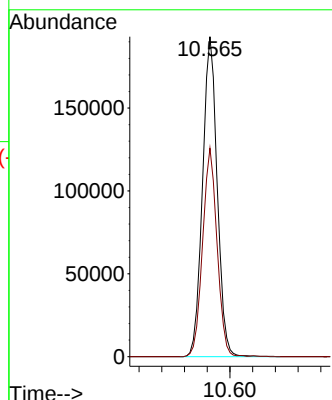
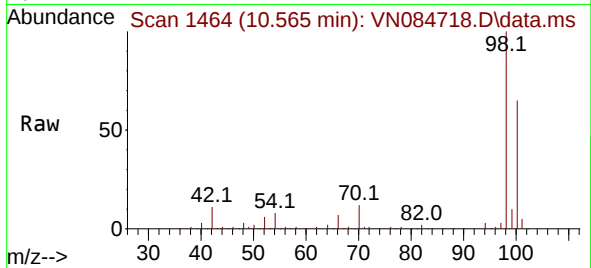




#50
Toluene-d8
Concen: 46.906 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

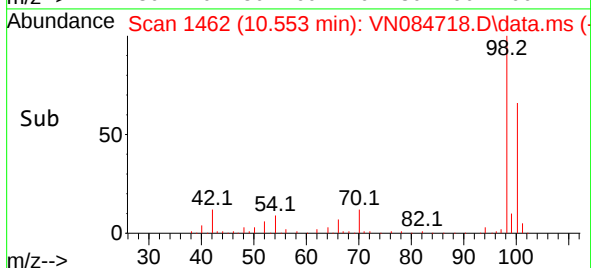
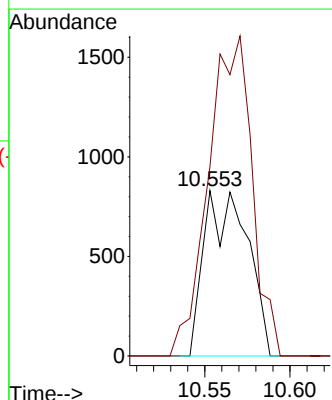
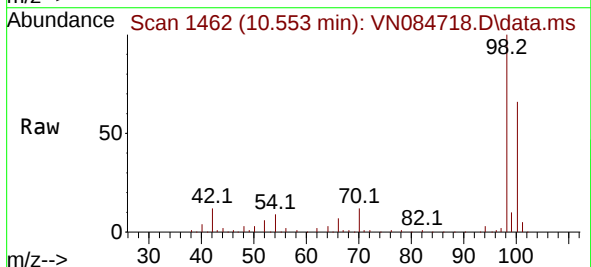
Instrument :
MSVOA_N
ClientSampleId :

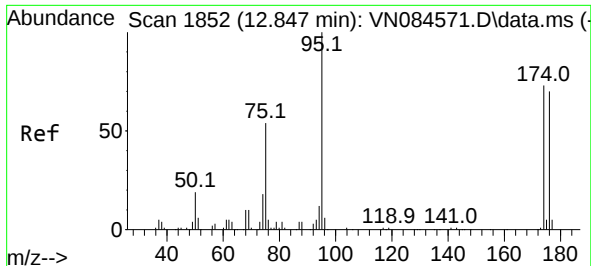
Tgt Ion: 98 Resp: 345151
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 10.553 min Scan# 1462
Delta R.T. 0.112 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 195.0 31.6 47.4#

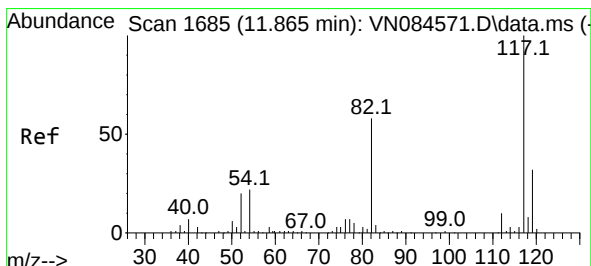
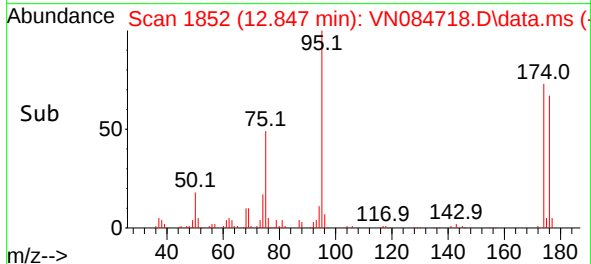
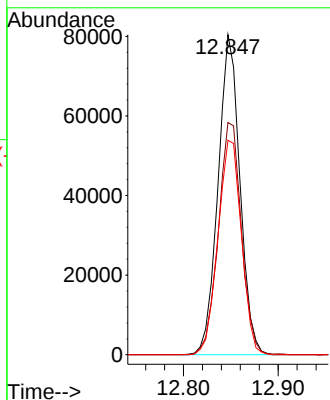
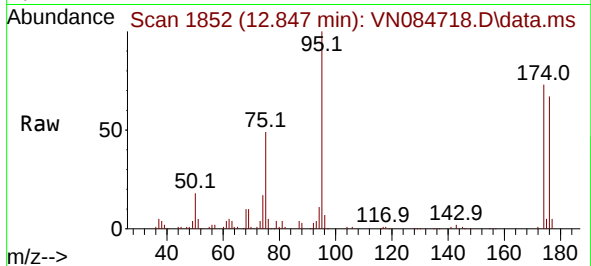




#62
4-Bromofluorobenzene
Concen: 46.885 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

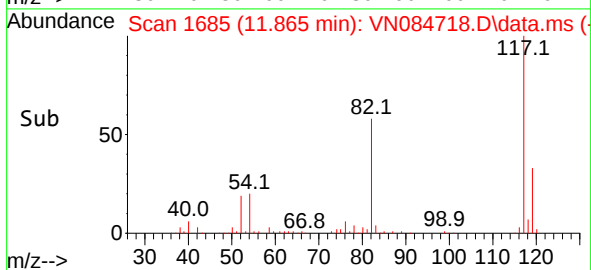
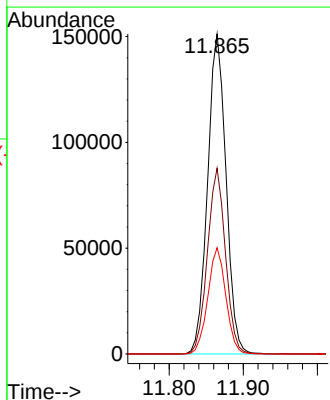
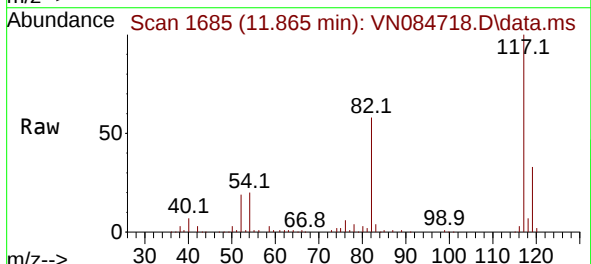
Instrument :
MSVOA_N
ClientSampleId :

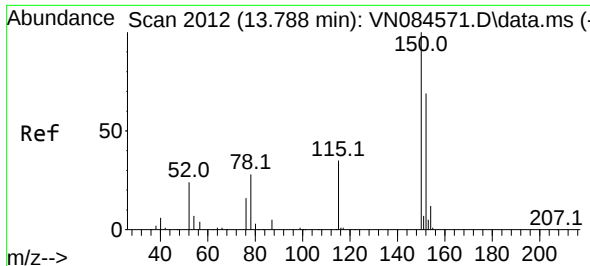
Tgt Ion: 95 Resp: 128936
Ion Ratio Lower Upper
95 100
174 76.6 0.0 145.2
176 71.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

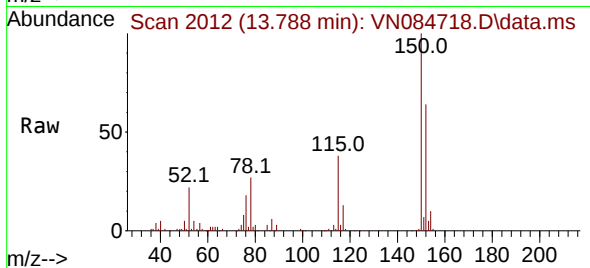
Tgt Ion: 117 Resp: 261011
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 33.2 25.4 38.0



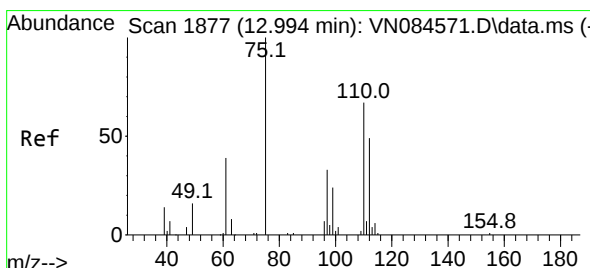
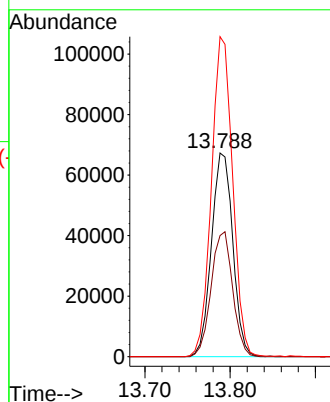
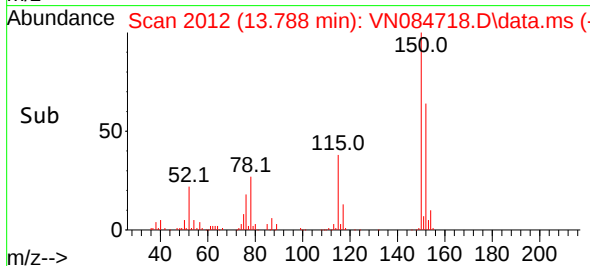


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084718.D
 Acq: 07 Nov 2024 12:48

Instrument :
 MSVOA_N
 ClientSampleId :

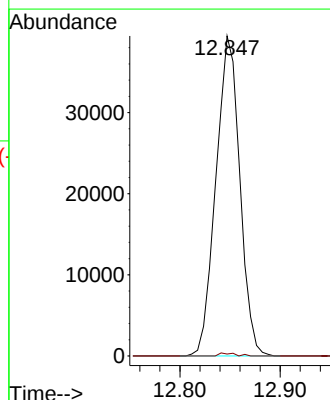
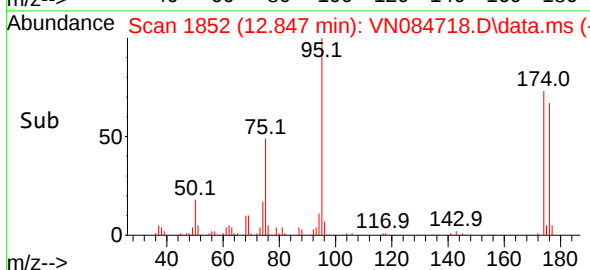
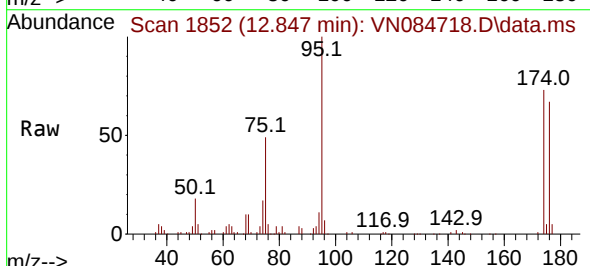


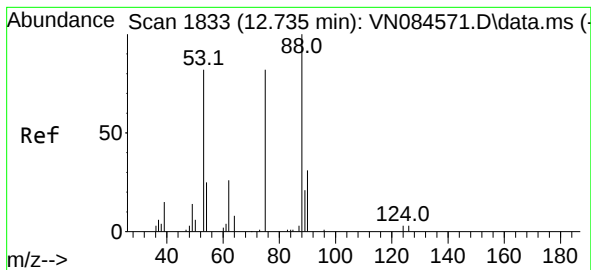
Tgt Ion:152 Resp: 117069
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.3 93.9
 150 156.0 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.899 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084718.D
 Acq: 07 Nov 2024 12:48

Tgt Ion: 75 Resp: 65288
 Ion Ratio Lower Upper
 75 100
 77 0.6 96.9 290.7#

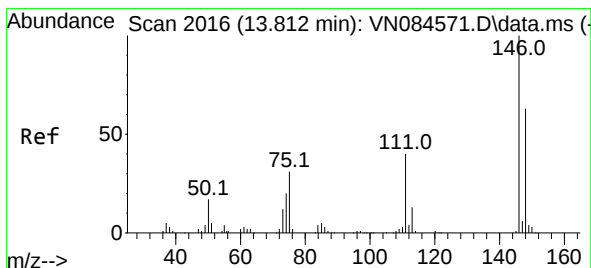
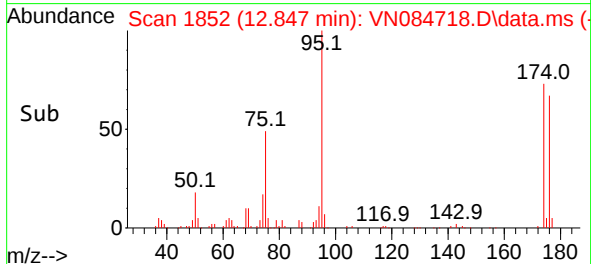
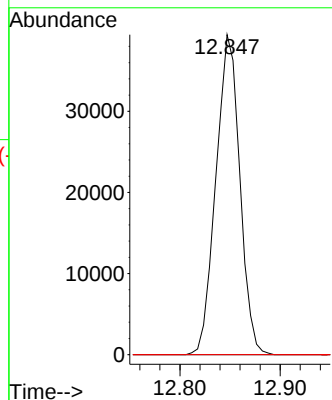
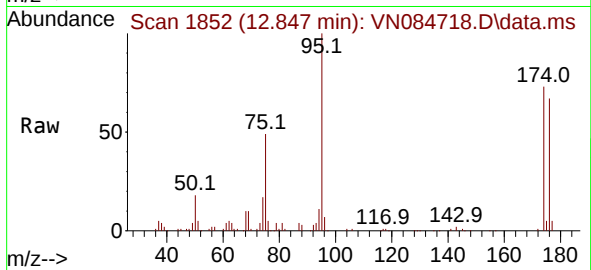




#81
trans-1,4-Dichloro-2-butene
Concen: 66.188 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

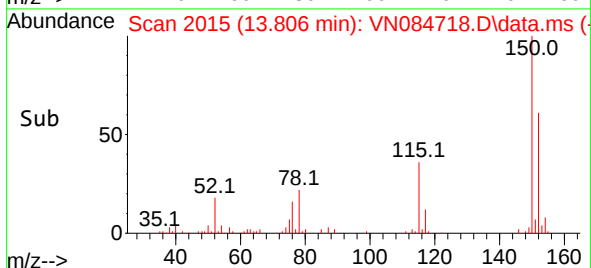
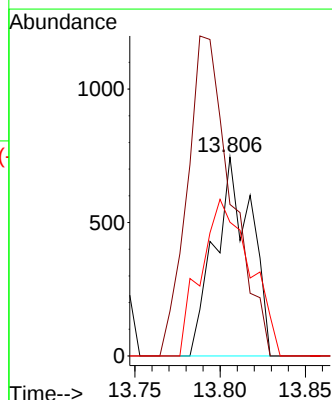
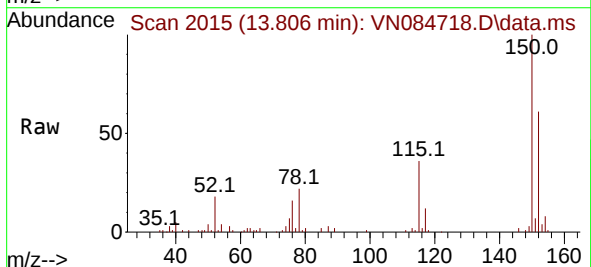
Instrument :
MSVOA_N
ClientSampleId :

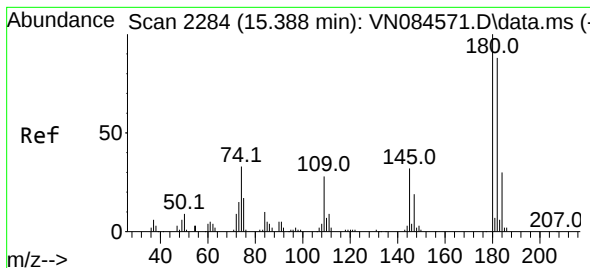
Tgt Ion: 75 Resp: 65288
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN084718.D
Acq: 07 Nov 2024 12:48

Tgt Ion: 146 Resp: 1106
Ion Ratio Lower Upper
146 100
111 194.8 21.2 63.6#
148 106.2 31.9 95.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.307 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.012 min

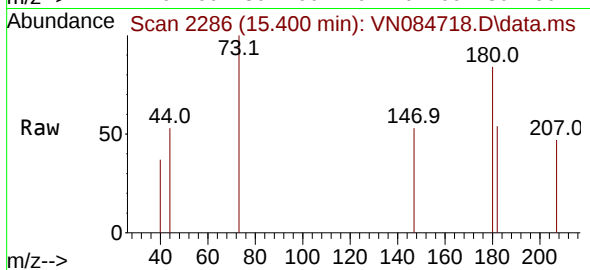
Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :



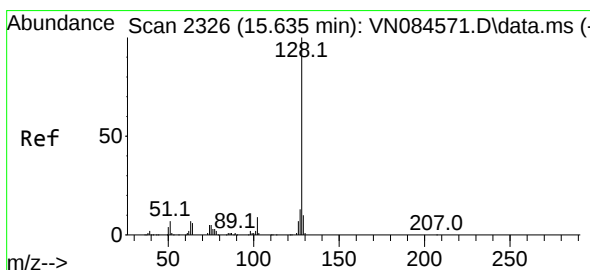
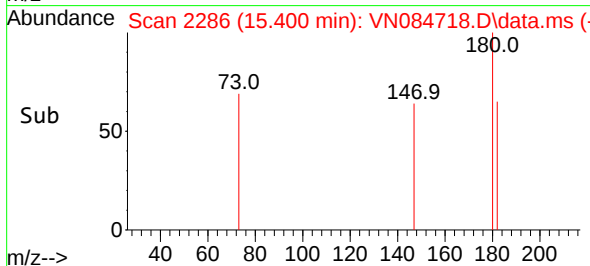
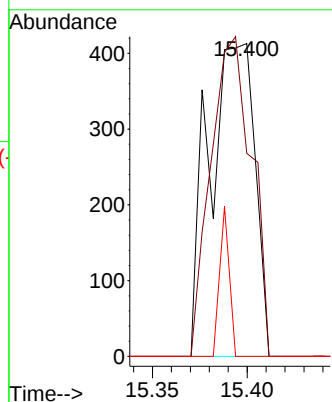
Tgt Ion:180 Resp: 696

Ion Ratio Lower Upper

180 100

182 90.8 47.0 141.0

145 10.1 16.4 49.4#



#95

Naphthalene

Concen: 0.263 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

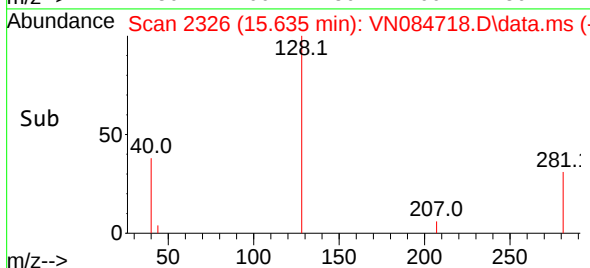
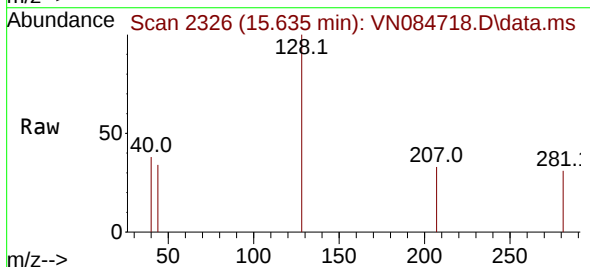
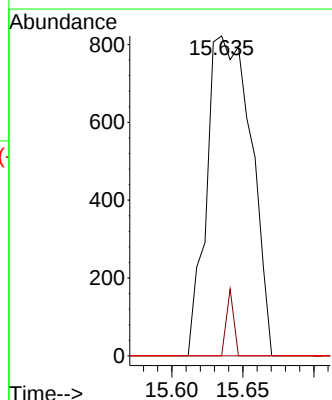
Tgt Ion:128 Resp: 1783

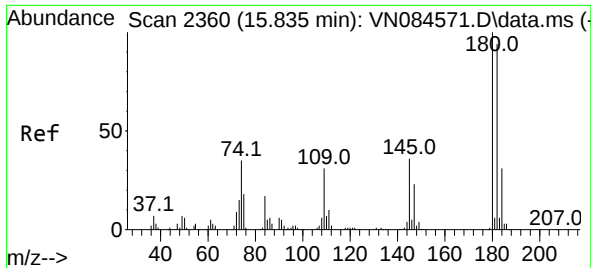
Ion Ratio Lower Upper

128 100

127 3.4 10.5 15.7#

129 0.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.289 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

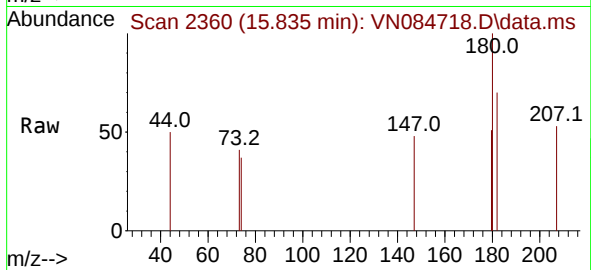
Lab File: VN084718.D

Acq: 07 Nov 2024 12:48

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 635

Ion Ratio Lower Upper

180 100

182 91.8 48.2 144.6

145 20.0 17.3 51.9

