

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084636.D
 Acq On : 01 Nov 2024 14:17
 Operator : JC\MD
 Sample : P4665-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:27:32 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)

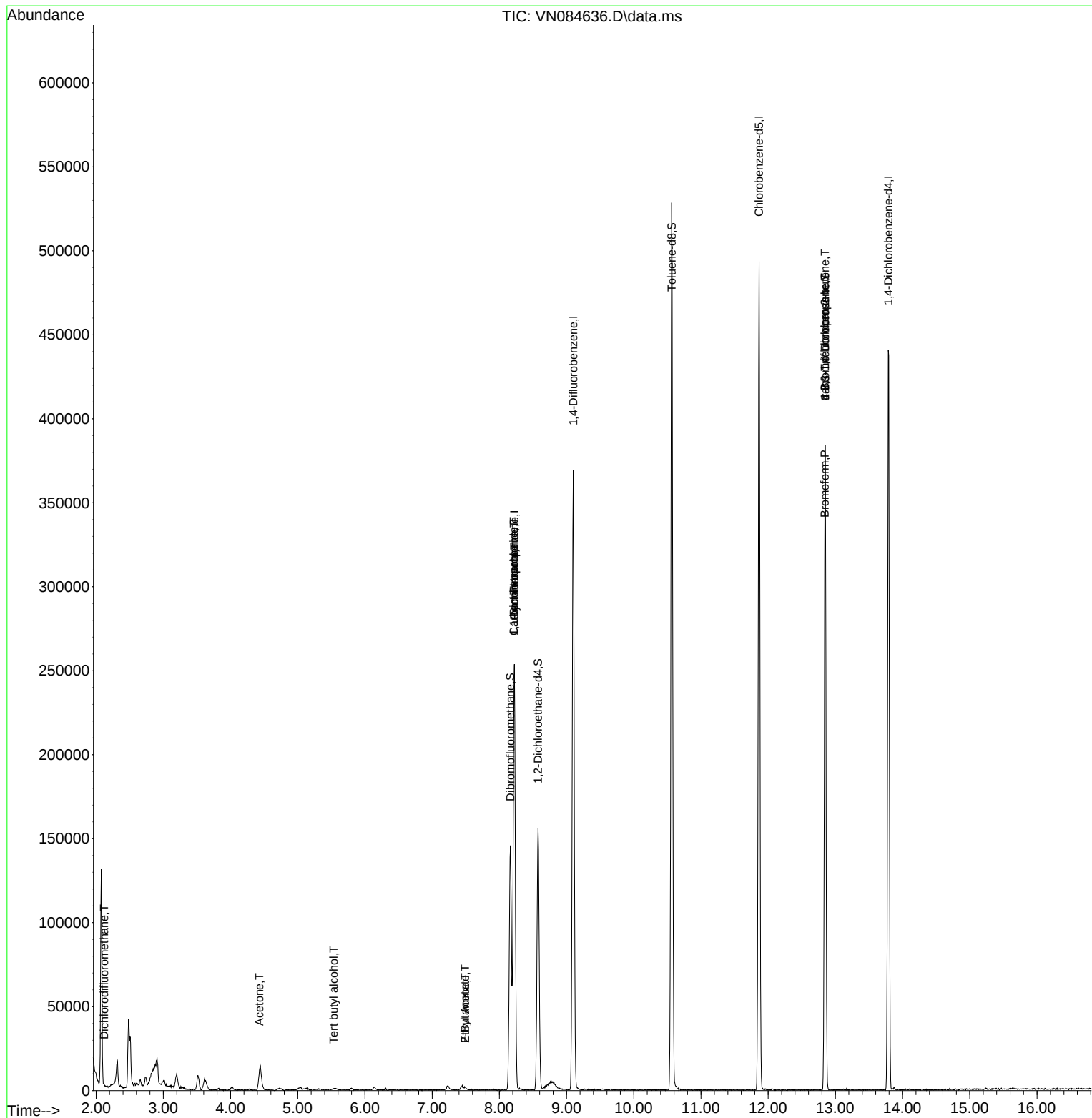
Internal Standards						
1) Pentafluorobenzene	8.224	168	179662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129567	49.931	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	99.860%	
35) Dibromofluoromethane	8.165	113	105034	49.832	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.660%	
50) Toluene-d8	10.565	98	363147	46.771	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.540%	
62) 4-Bromofluorobenzene	12.847	95	133946	46.160	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	532	0.258	ug/l	99
3) Chloromethane	2.359	50	760	Below Cal		89
6) Chloroethane	3.095	64	287	Below Cal	#	45
11) Tert butyl alcohol	5.536	59	1096	3.200	ug/l #	73
16) Acetone	4.430	43	7153	6.767	ug/l	97
18) Methyl Acetate	5.024	43	1709	Below Cal	#	88
25) 2-Butanone	7.488	43	3151	2.603	ug/l	91
31) Cyclohexane	8.224	56	3929	1.097	ug/l #	11
36) 1,1-Dichloropropene	8.218	75	15022	5.139	ug/l #	52
37) Ethyl Acetate	7.488	43	3151	1.188	ug/l #	69
38) Carbon Tetrachloride	8.218	117	19513	5.972	ug/l #	16
43) Isopropyl Acetate	8.700	43	2487	Below Cal	#	56
71) Bromoform	12.841	173	748	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69078	28.376	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69078	67.318	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	468	Below Cal	#	72

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

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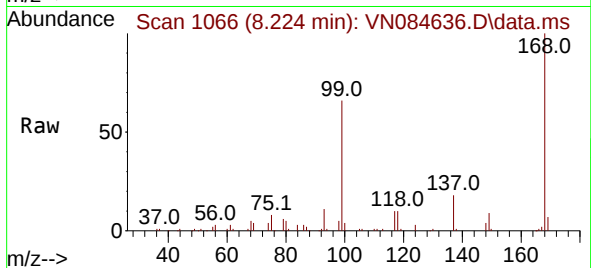
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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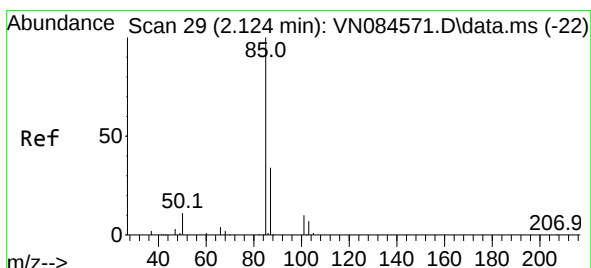
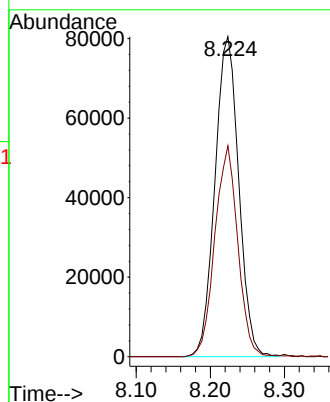
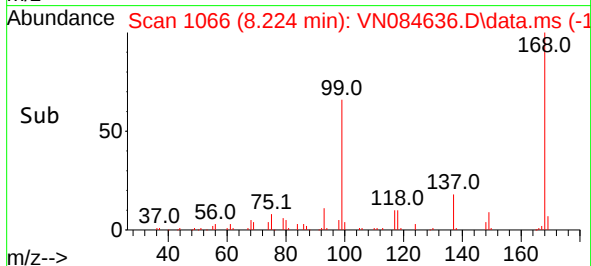


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

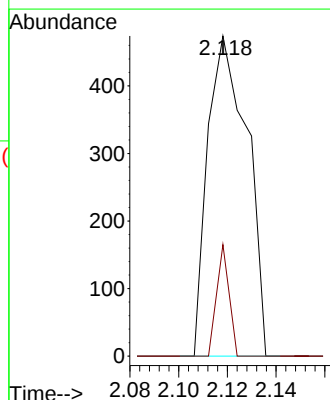
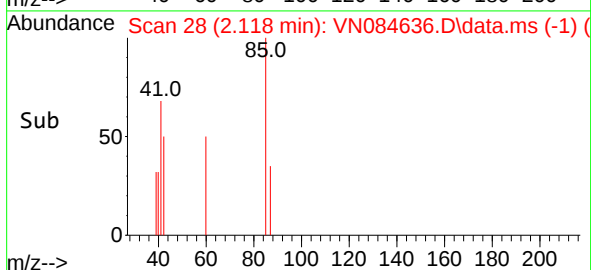
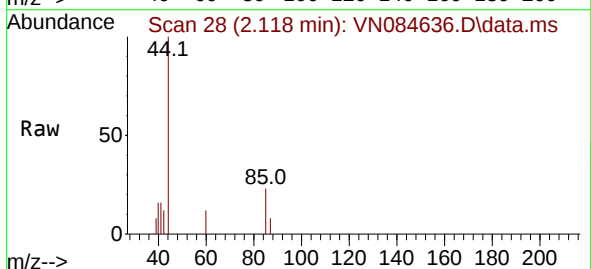


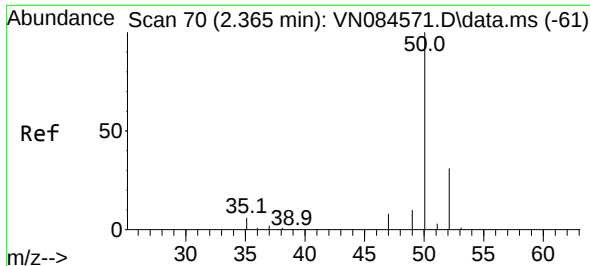
Tgt Ion:168 Resp: 179662
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 0.258 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion: 85 Resp: 532
Ion Ratio Lower Upper
85 100
87 34.8 17.6 52.9

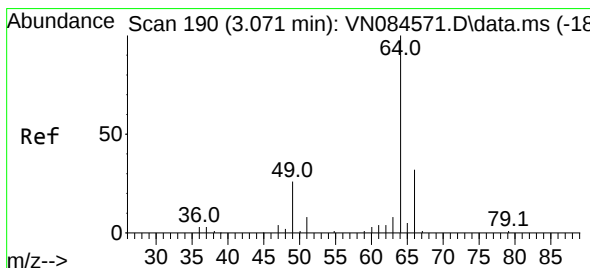
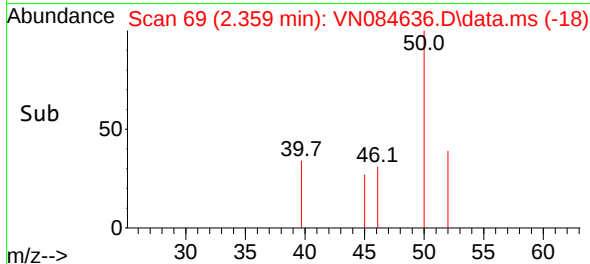
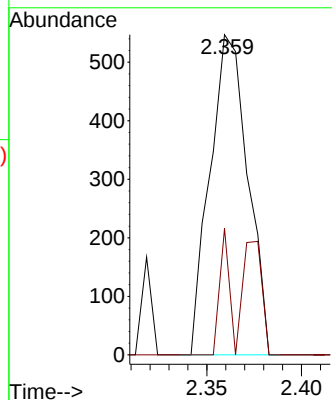
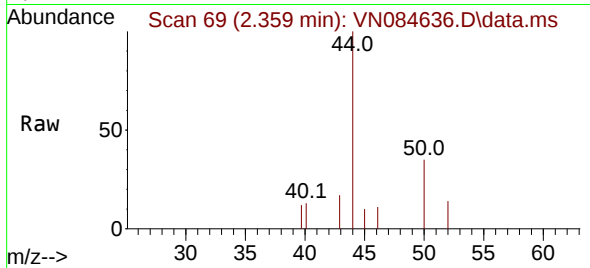




#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

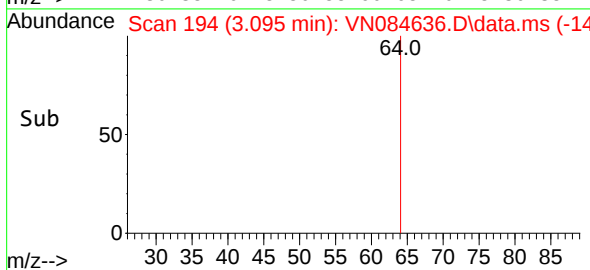
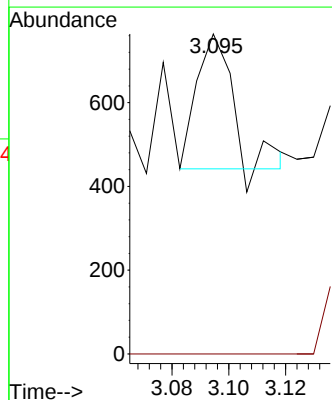
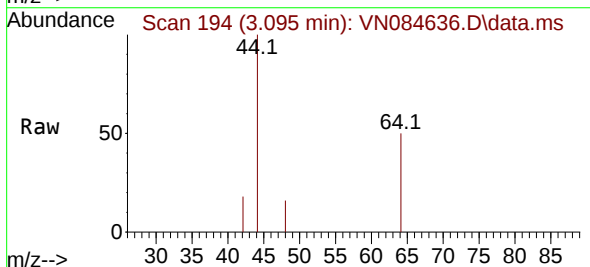
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 39.5 26.8 40.2



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

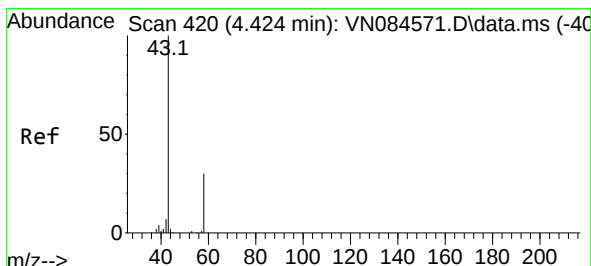
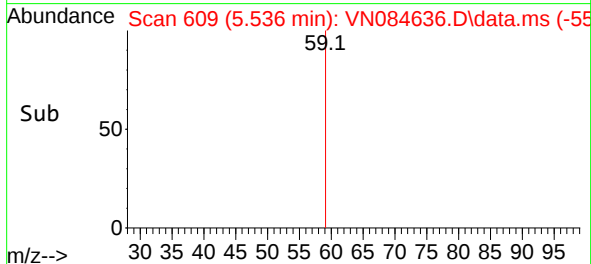
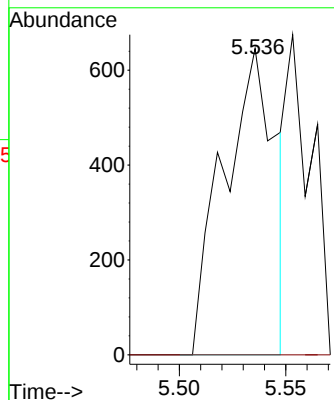
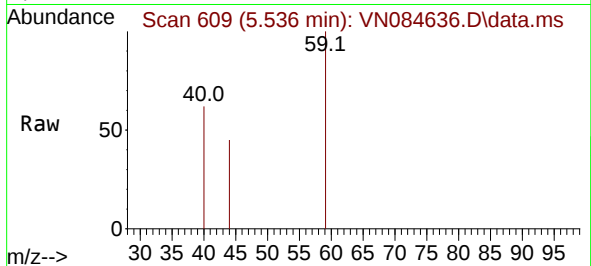




#11
Tert butyl alcohol
Concen: 3.200 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

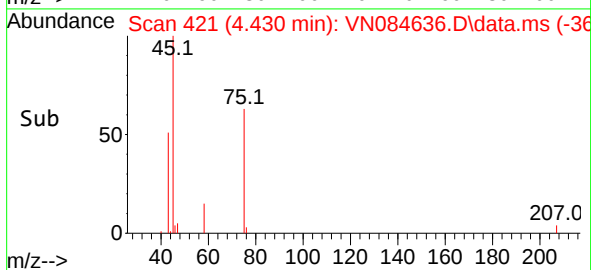
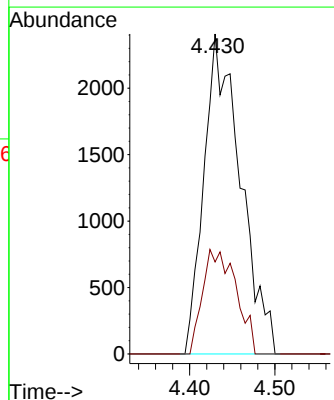
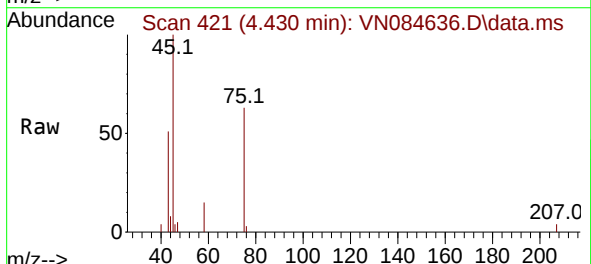
Instrument :
MSVOA_N
ClientSampleId :

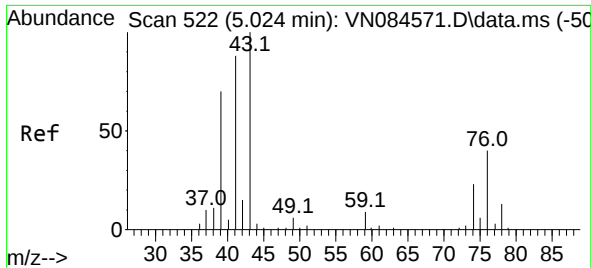
Tgt Ion: 59 Resp: 1096
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 6.767 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

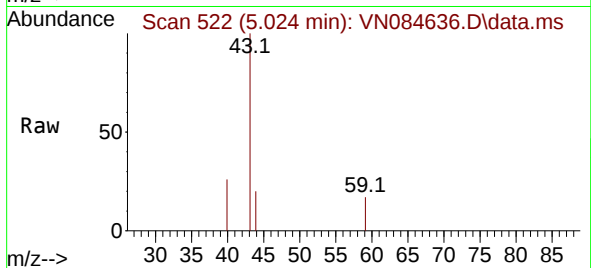
Tgt Ion: 43 Resp: 7153
Ion Ratio Lower Upper
43 100
58 28.7 24.4 36.6



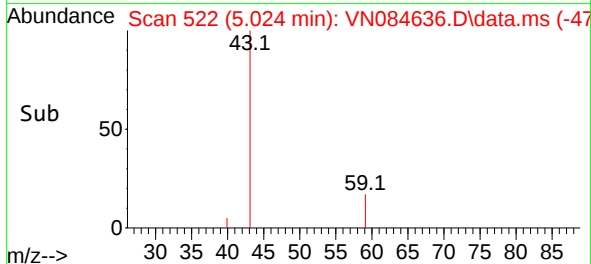
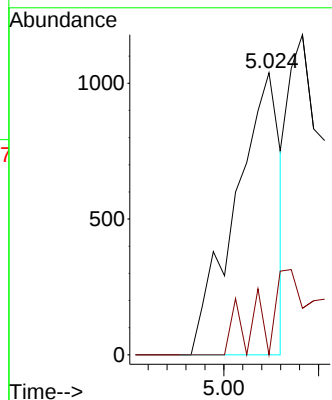


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

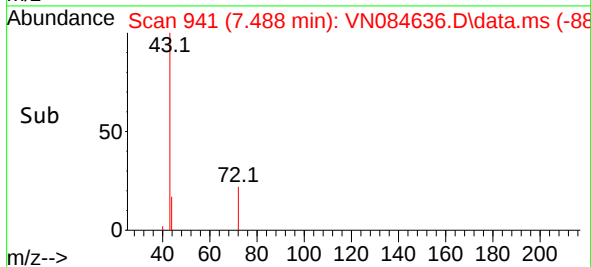
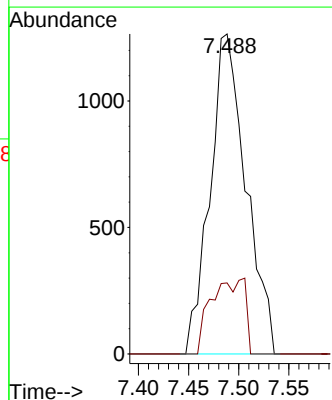
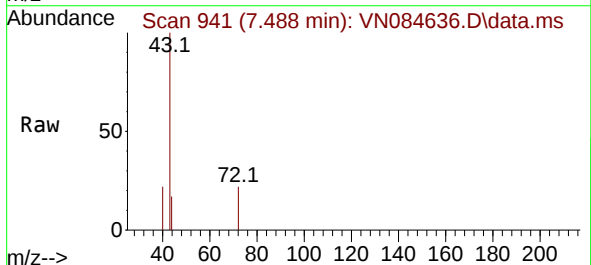


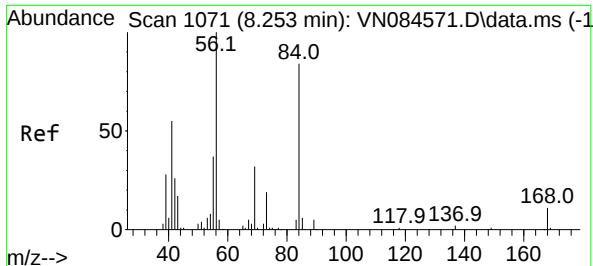
Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
74 29.7 19.2 28.8#



#25
2-Butanone
Concen: 2.603 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

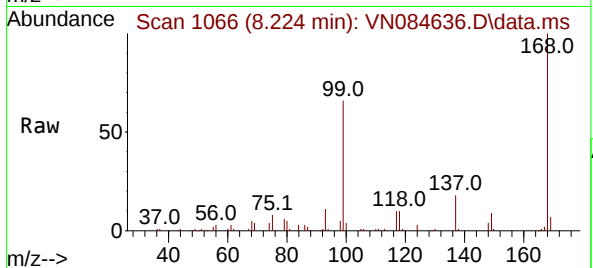
Tgt Ion: 43 Resp: 3151
Ion Ratio Lower Upper
43 100
72 22.2 21.4 32.2



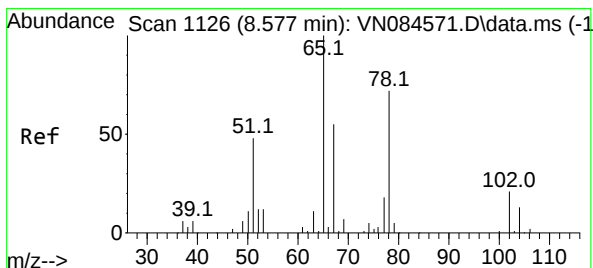
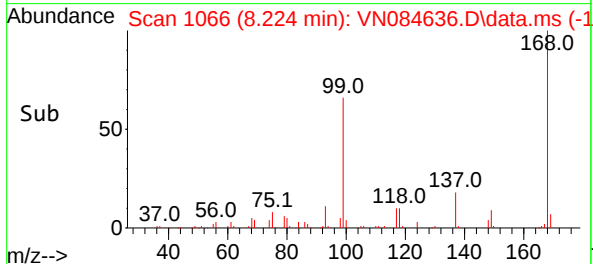
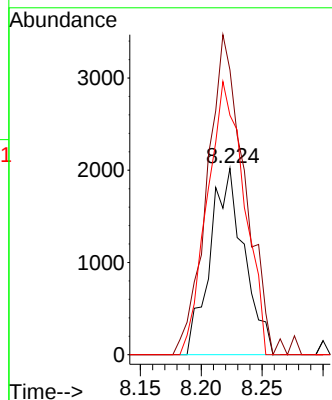


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

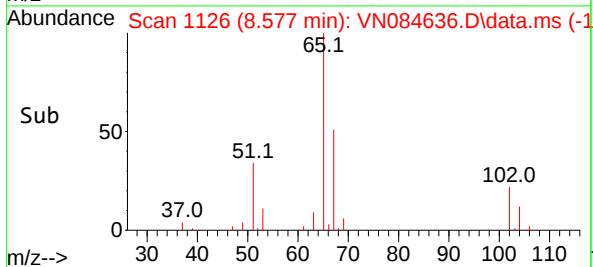
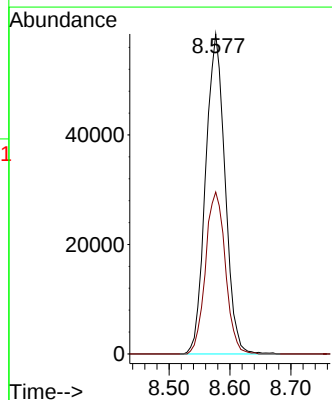
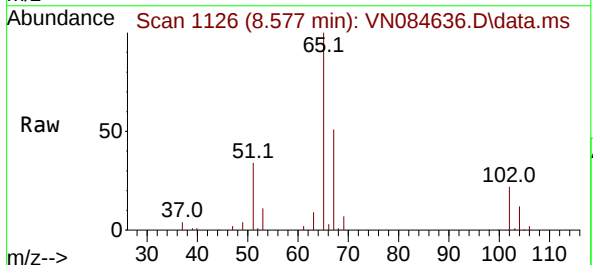


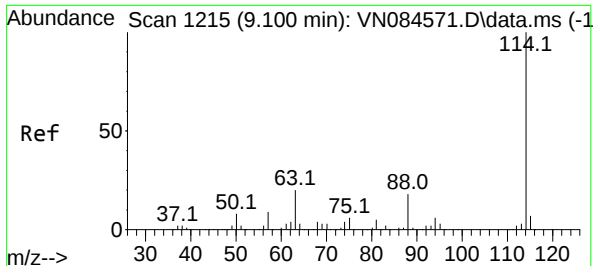
Tgt Ion: 56 Resp: 3929
Ion Ratio Lower Upper
56 100
69 144.7 23.8 35.6#
84 128.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.931 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion: 65 Resp: 129567
Ion Ratio Lower Upper
65 100
67 51.7 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: VN084636.D

Acq: 01 Nov 2024 14:17

Instrument :

MSVOA_N

ClientSampleId :

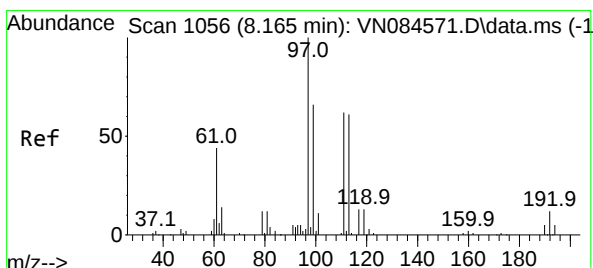
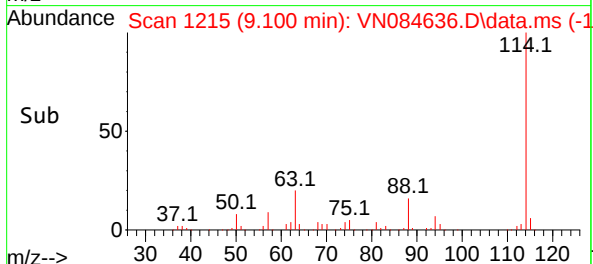
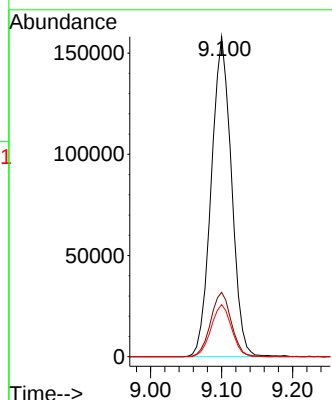
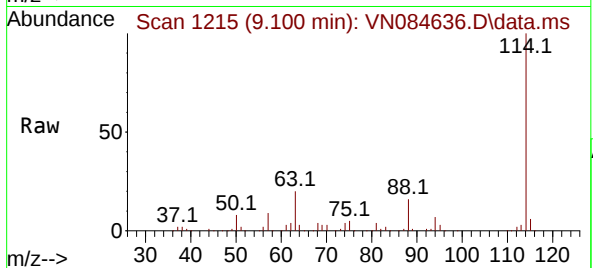
Tgt Ion:114 Resp: 311395

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.8

88 16.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.832 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084636.D

Acq: 01 Nov 2024 14:17

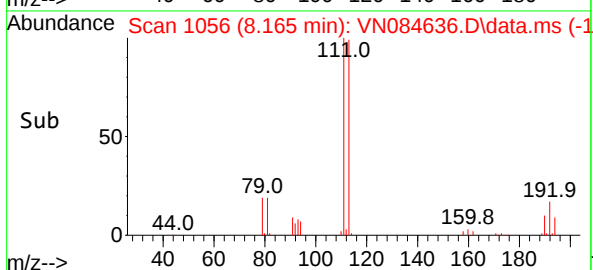
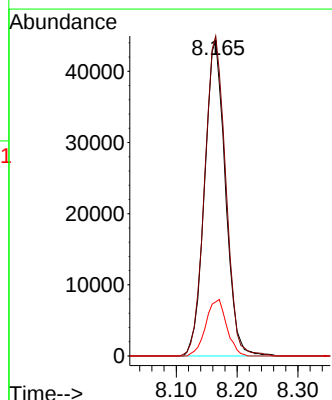
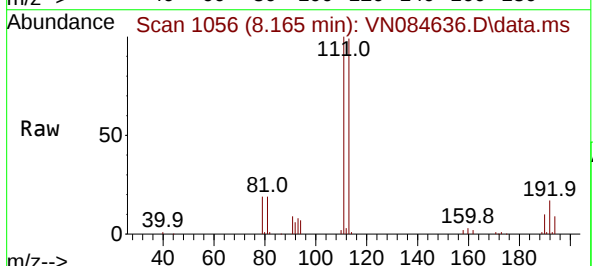
Tgt Ion:113 Resp: 105034

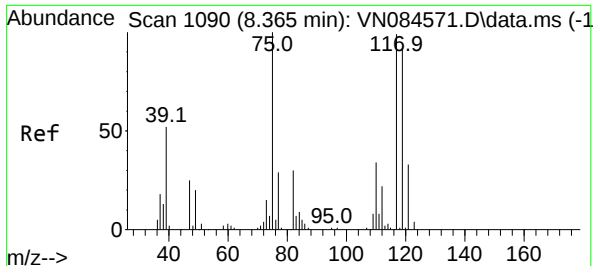
Ion Ratio Lower Upper

113 100

111 102.9 83.3 124.9

192 18.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

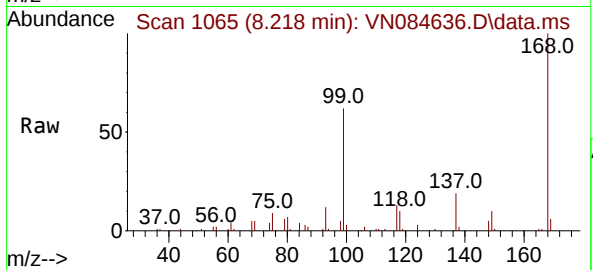
Lab File: VN084636.D

Acq: 01 Nov 2024 14:17

Instrument :

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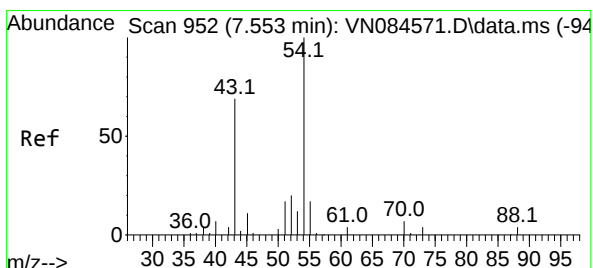
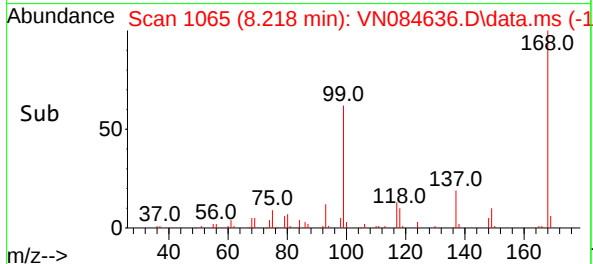
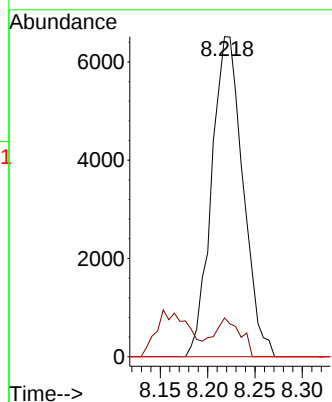
Tgt Ion: 75 Resp: 15022

Ion Ratio Lower Upper

75 100

110 10.2 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.188 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN084636.D

Acq: 01 Nov 2024 14:17

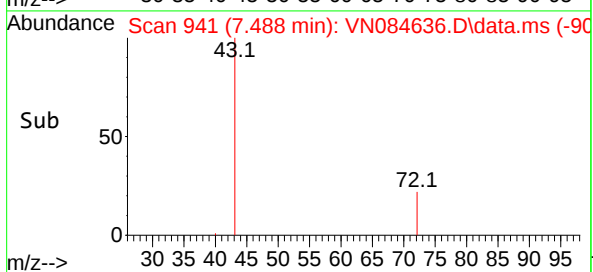
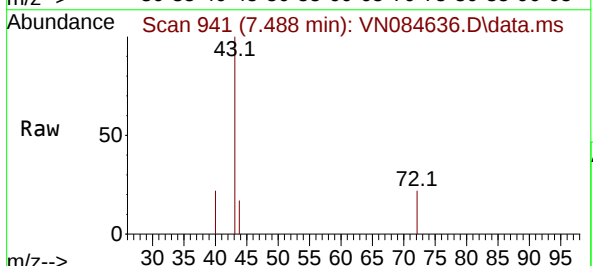
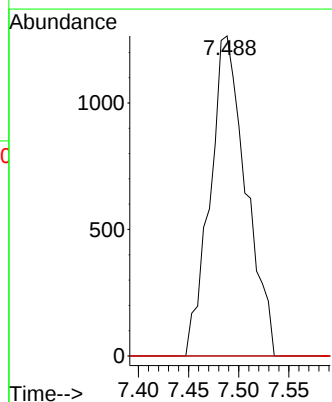
Tgt Ion: 43 Resp: 3151

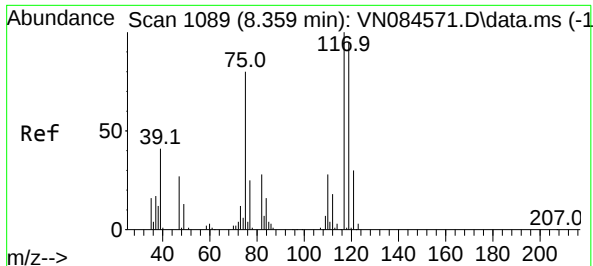
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

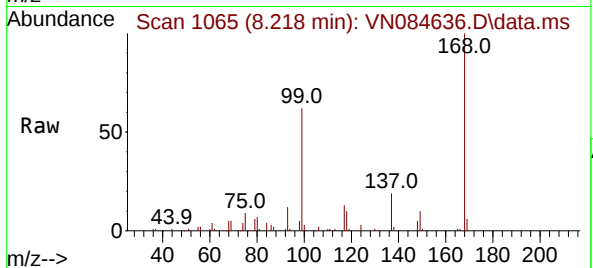
70 0.0 8.8 13.2#



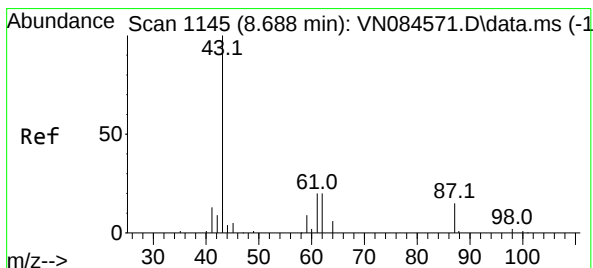
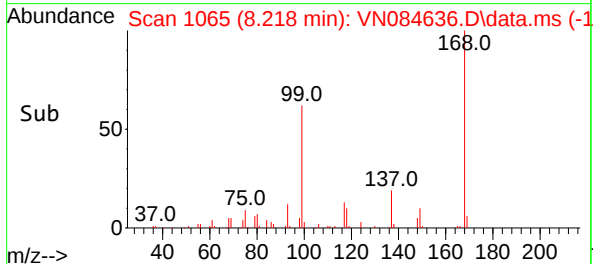
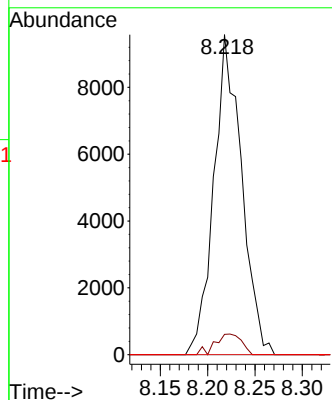


#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

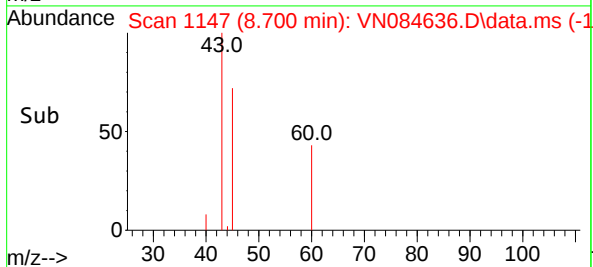
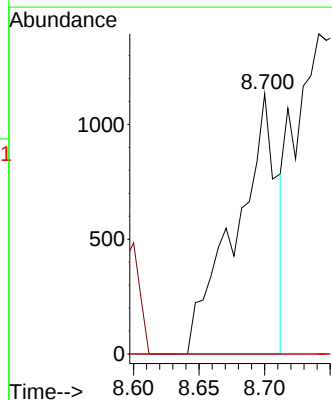
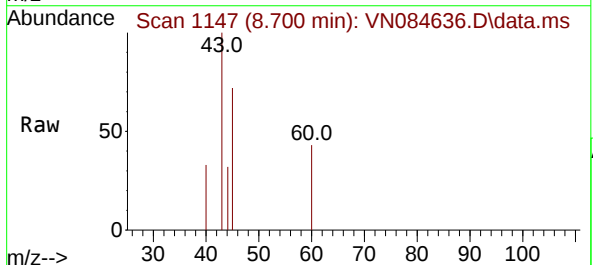


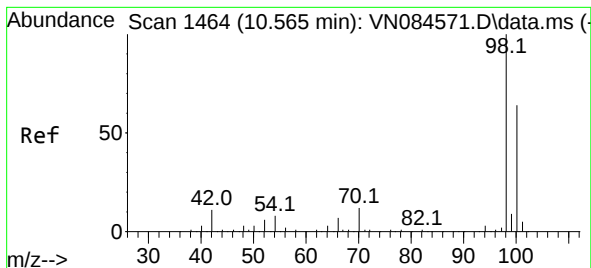
Tgt Ion:117 Resp: 19513
Ion Ratio Lower Upper
117 100
119 6.3 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion: 43 Resp: 2487
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

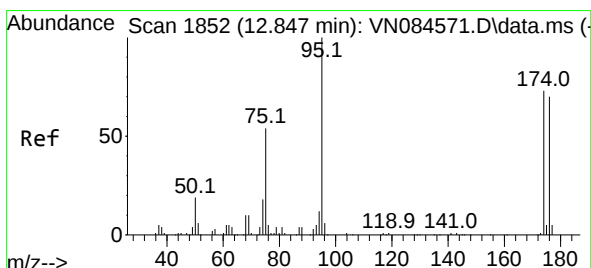
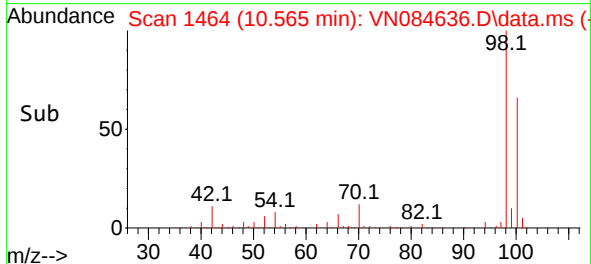
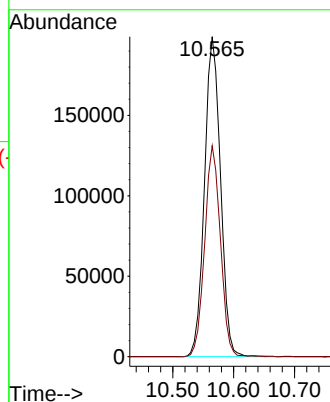
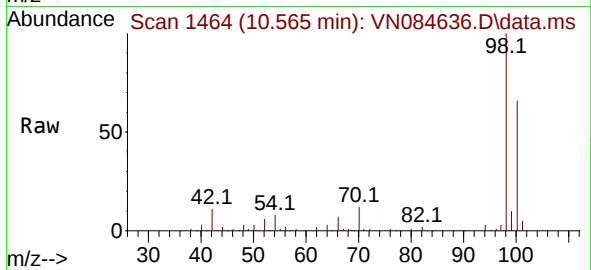




#50
Toluene-d8
Concen: 46.771 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

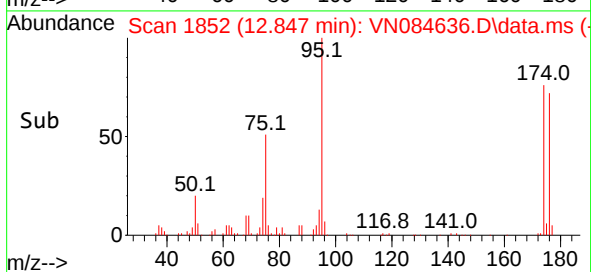
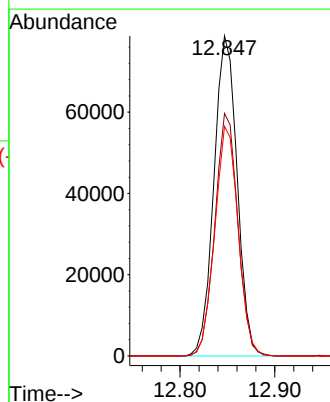
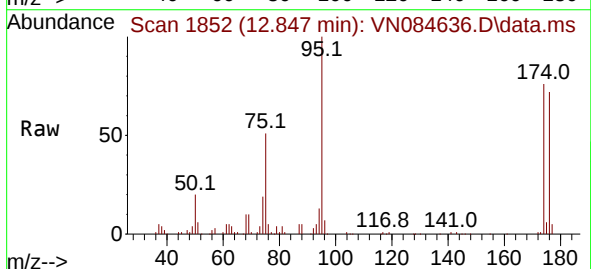
Instrument :
MSVOA_N
ClientSampleId :

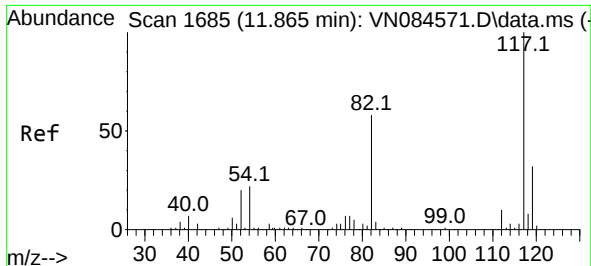
Tgt Ion: 98 Resp: 363147
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.160 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion: 95 Resp: 133946
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.2
176 72.3 0.0 140.0

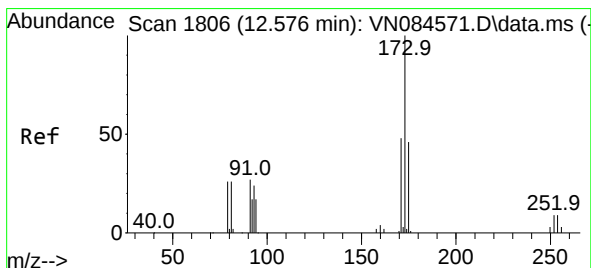
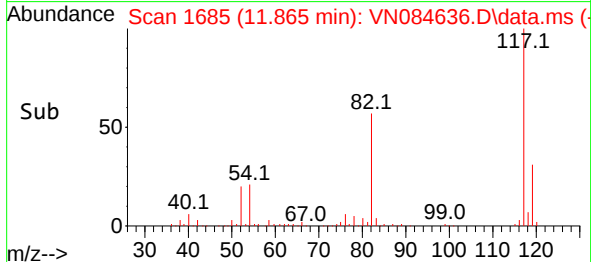
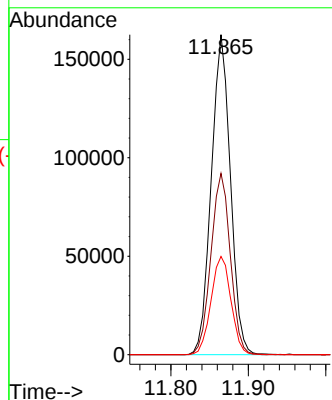
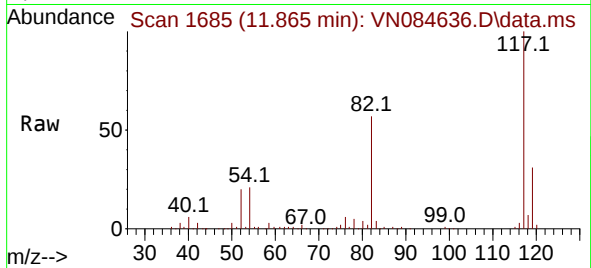




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

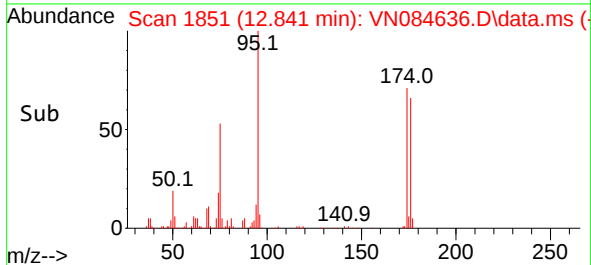
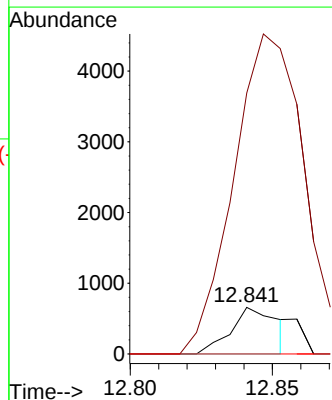
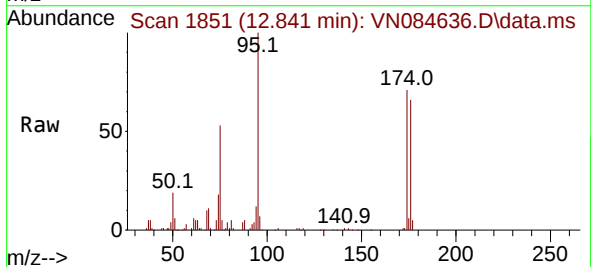
Instrument :
MSVOA_N
ClientSampleId :

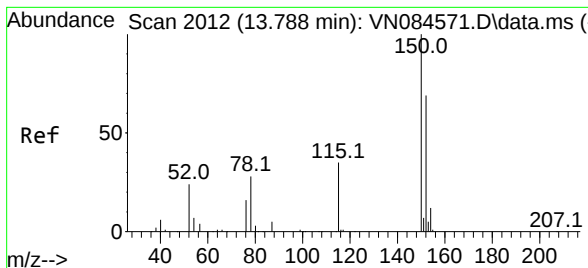
Tgt Ion:117 Resp: 278810
Ion Ratio Lower Upper
117 100
82 56.6 47.2 70.8
119 30.7 25.4 38.0



#71
Bromoform
Concen: 0.458 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion:173 Resp: 748
Ion Ratio Lower Upper
173 100
175 756.3 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: VN084636.D

Acq: 01 Nov 2024 14:17

Instrument :

MSVOA_N

ClientSampleId :

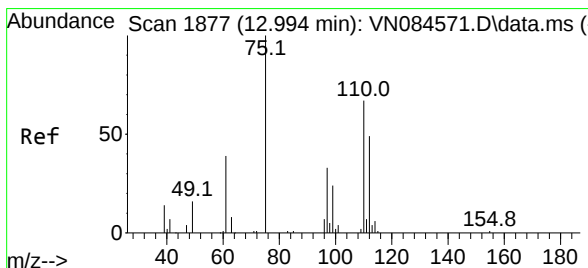
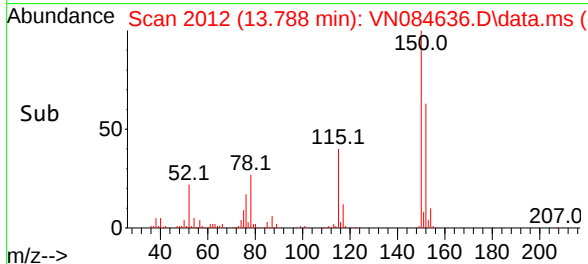
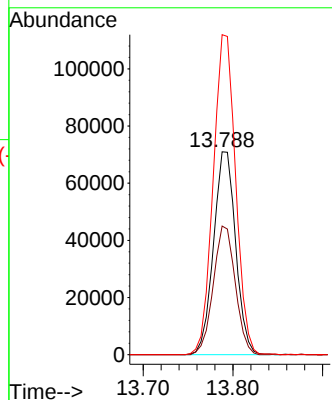
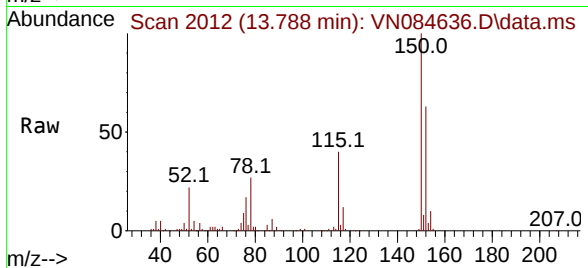
Tgt Ion:152 Resp: 121785

Ion Ratio Lower Upper

152 100

115 63.0 31.3 93.9

150 159.3 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.376 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084636.D

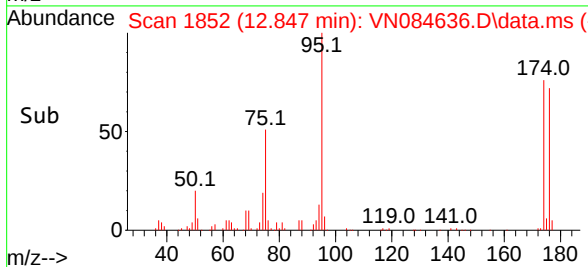
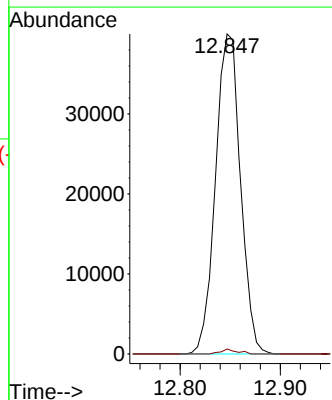
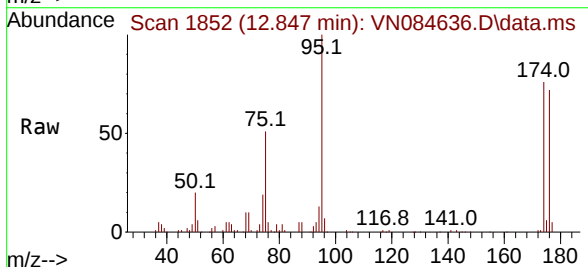
Acq: 01 Nov 2024 14:17

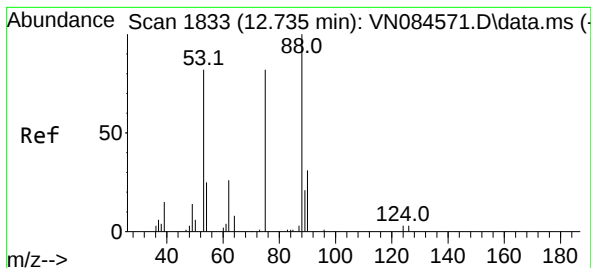
Tgt Ion: 75 Resp: 69078

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#

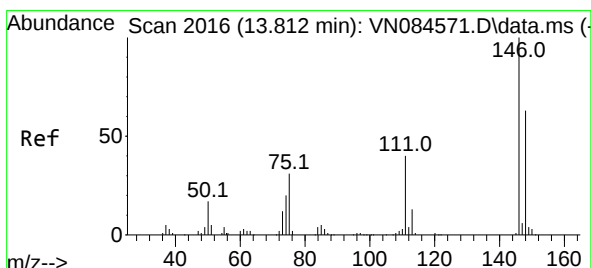
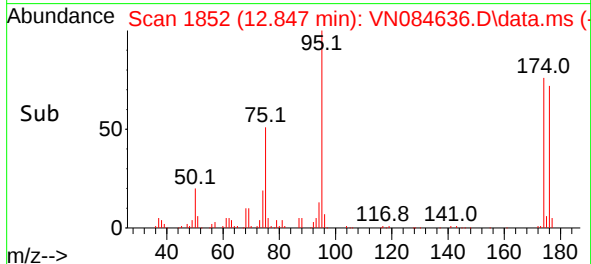
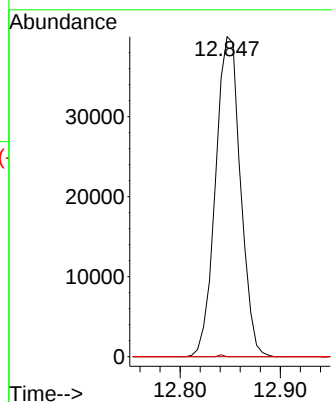
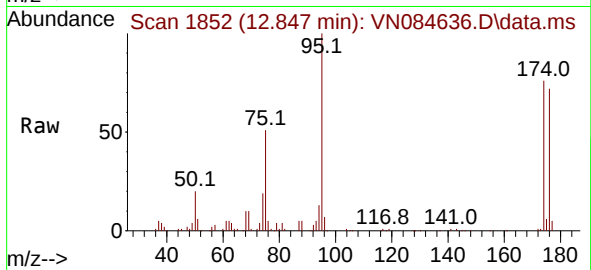




#81
trans-1,4-Dichloro-2-butene
Concen: 67.318 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 69078
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084636.D
Acq: 01 Nov 2024 14:17

Tgt Ion:146 Resp: 468
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 66.2 31.9 95.9

