

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084640.D
 Acq On : 01 Nov 2024 15:54
 Operator : JC\MD
 Sample : P4665-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 04:29:11 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)

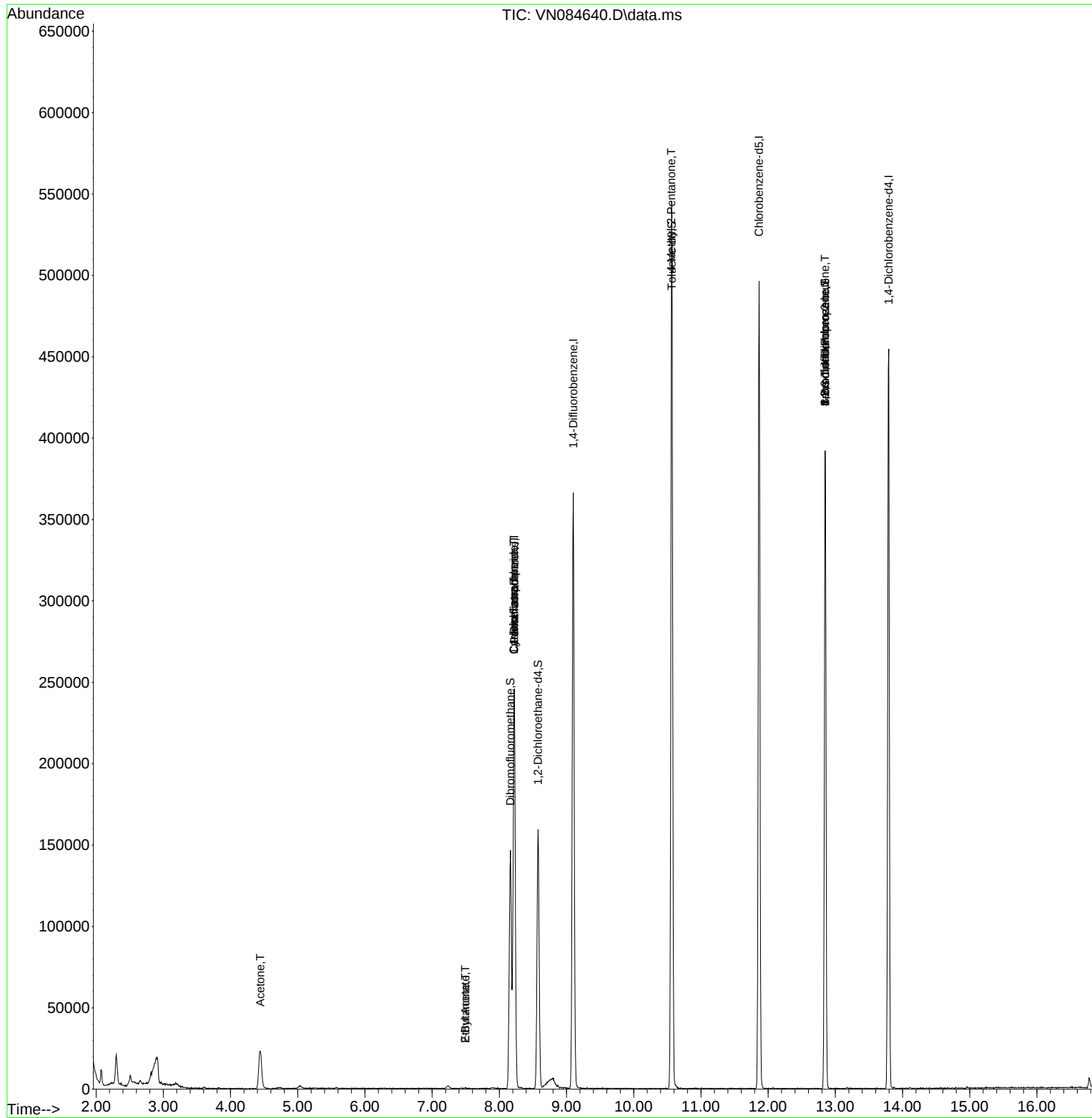
Internal Standards						
1) Pentafluorobenzene	8.224	168	175313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130051	51.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.720%			
35) Dibromofluoromethane	8.165	113	105740	50.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	10.565	98	371172	48.447	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.900%			
62) 4-Bromofluorobenzene	12.847	95	136575	47.698	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.400%			
Target Compounds						Qvalue
3) Chloromethane	2.360	50	883	Below Cal		94
6) Chloroethane	3.077	64	135	Below Cal	#	45
16) Acetone	4.442	43	2671	0.808	ug/l #	88
18) Methyl Acetate	5.042	43	3912	Below Cal	#	90
25) 2-Butanone	7.494	43	572	0.484	ug/l #	48
31) Cyclohexane	8.218	56	4034	1.154	ug/l #	24
36) 1,1-Dichloropropene	8.218	75	14179	4.916	ug/l #	50
37) Ethyl Acetate	7.494	43	572	0.219	ug/l #	69
38) Carbon Tetrachloride	8.218	117	18797	5.830	ug/l #	16
43) Isopropyl Acetate	8.683	43	1538	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	1635	0.655	ug/l #	1
71) Bromoform	12.847	173	1171	0.712	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	70851	28.467	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70851	67.535	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	345	Below Cal	#	1

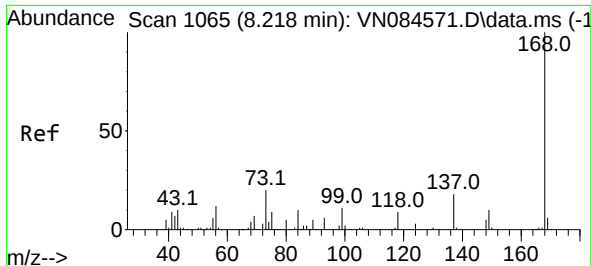
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
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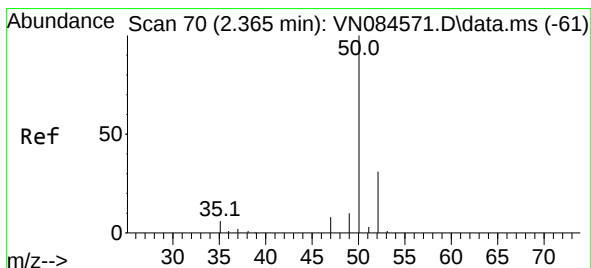
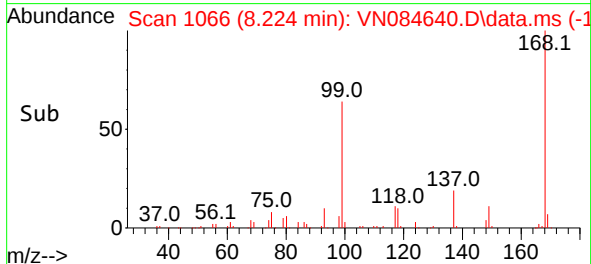
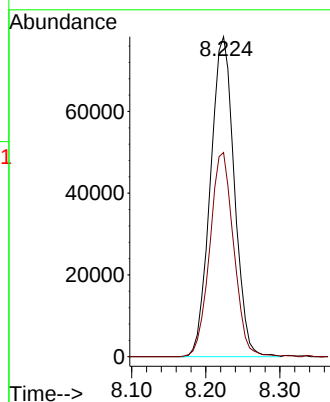
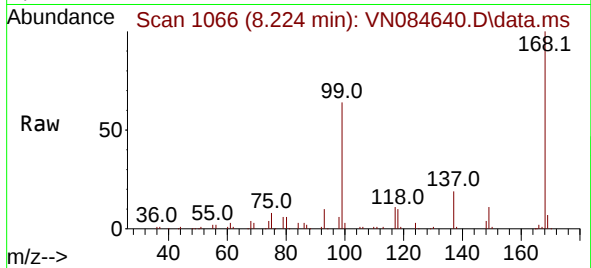




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

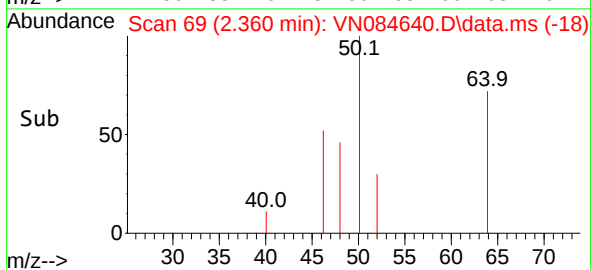
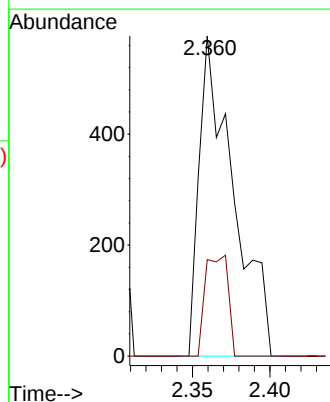
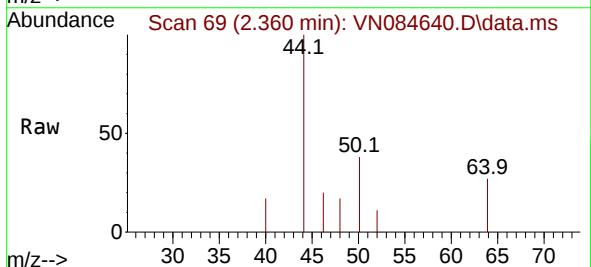
Instrument :
MSVOA_N
ClientSampleId :

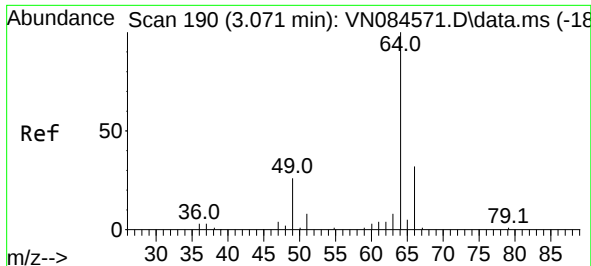
Tgt Ion:168 Resp: 175313
Ion Ratio Lower Upper
168 100
99 63.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Tgt Ion: 50 Resp: 883
Ion Ratio Lower Upper
50 100
52 30.2 26.8 40.2

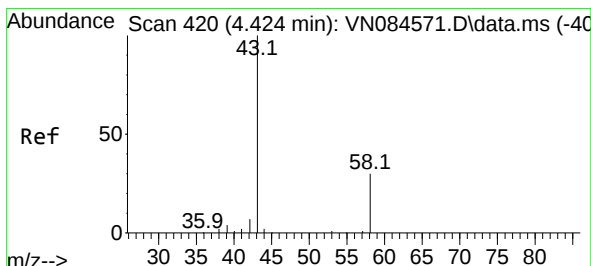
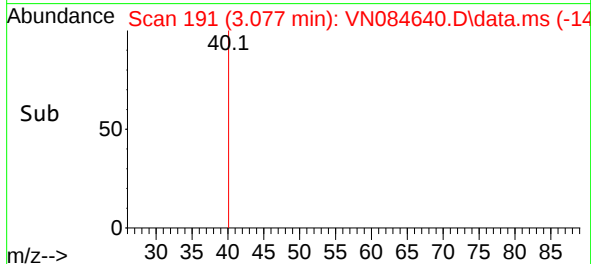
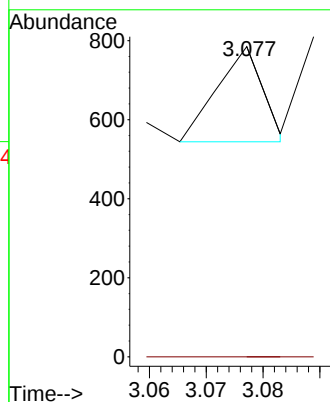
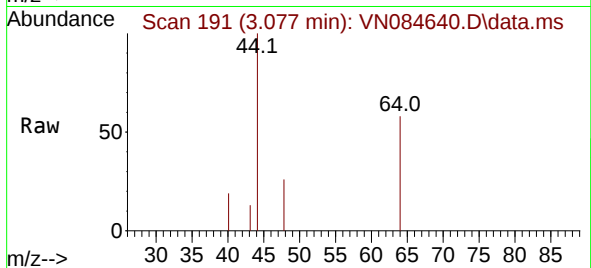




#6
Chloroethane
Concen: Below Cal
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

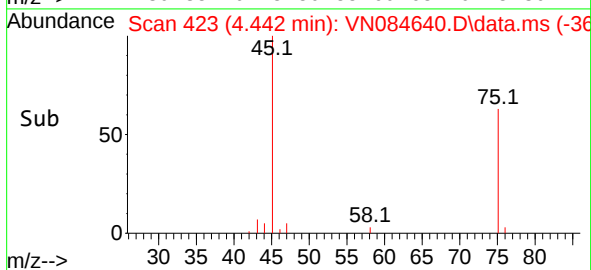
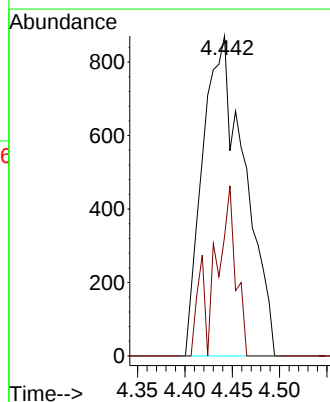
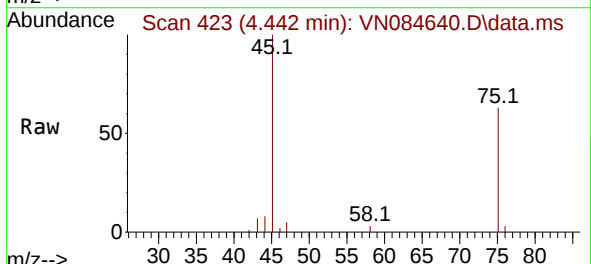
Instrument :
MSVOA_N
ClientSampleId :

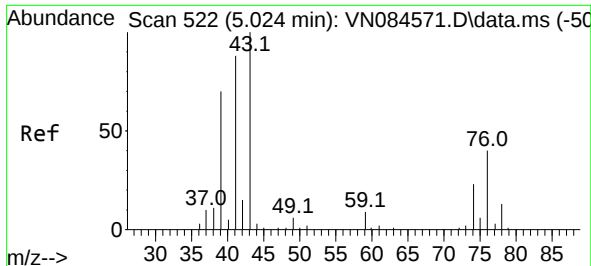
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: 0.808 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

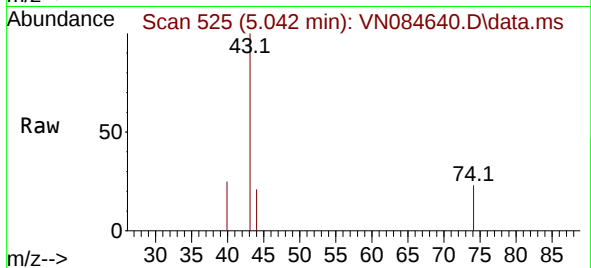
Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
58 37.2 24.4 36.6#



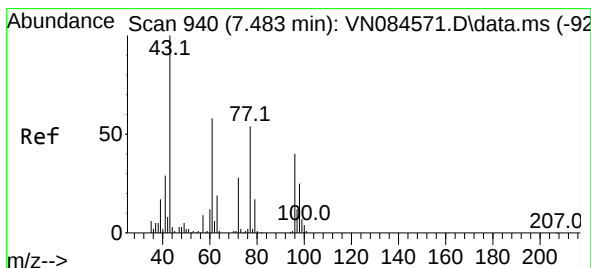
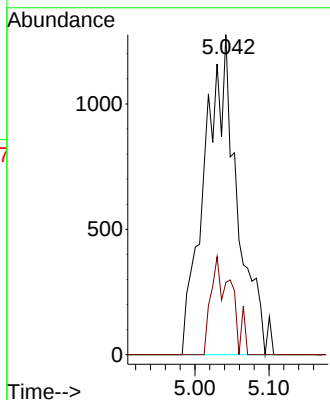
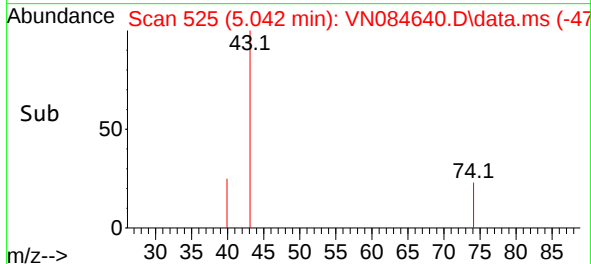


#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

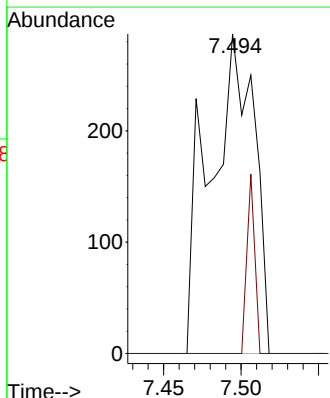
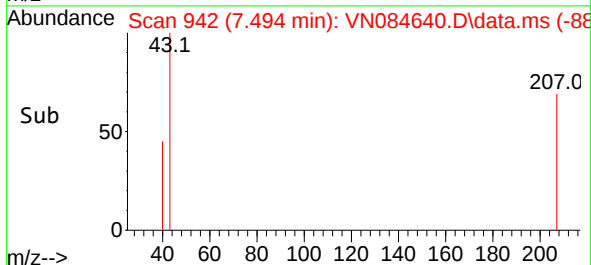
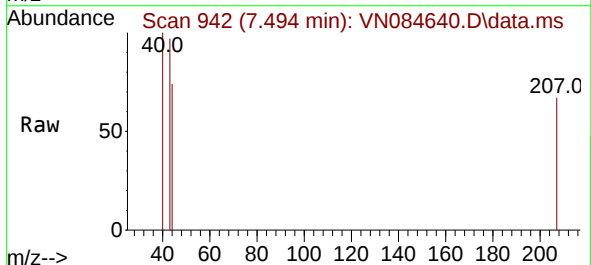


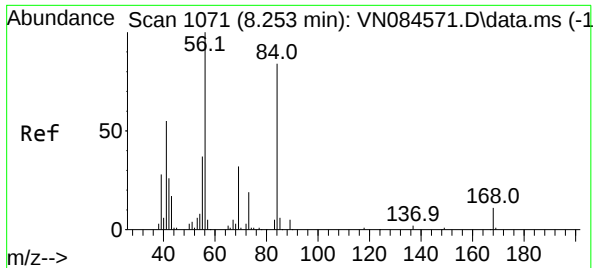
Tgt Ion: 43 Resp: 3912
Ion Ratio Lower Upper
43 100
74 19.1 19.2 28.8#



#25
2-Butanone
Concen: 0.484 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

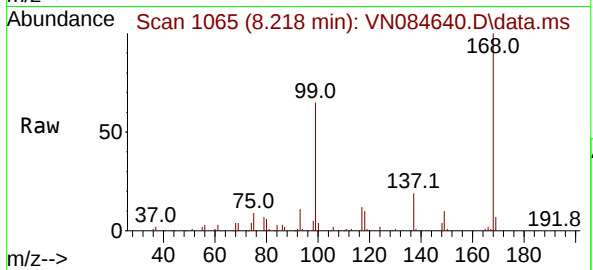
Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



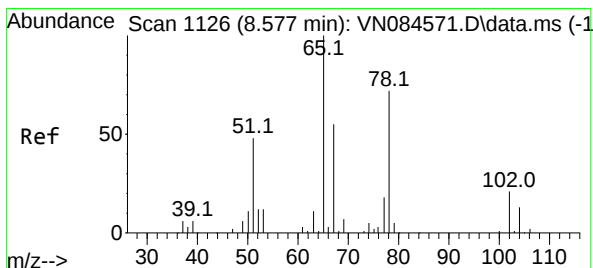
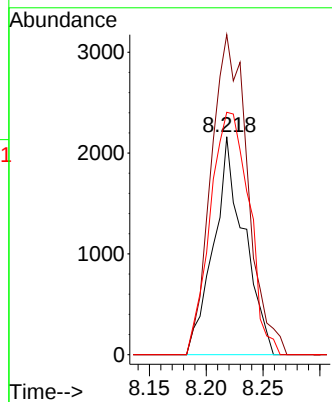
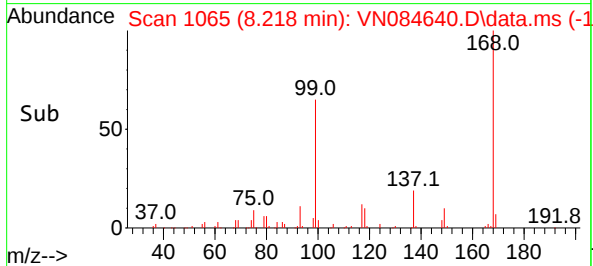


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

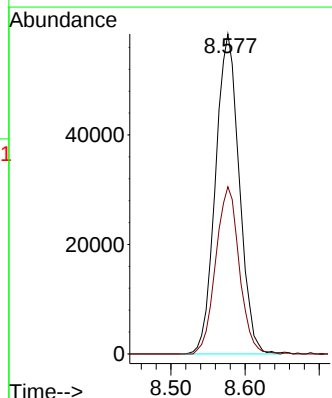
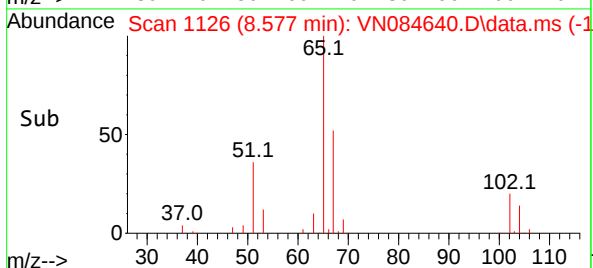
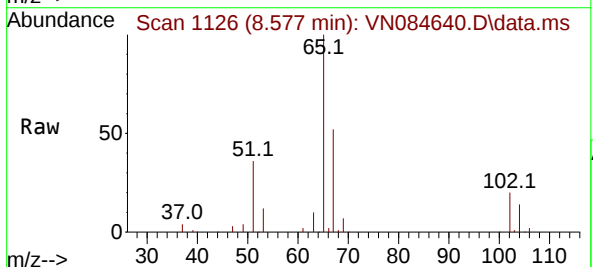


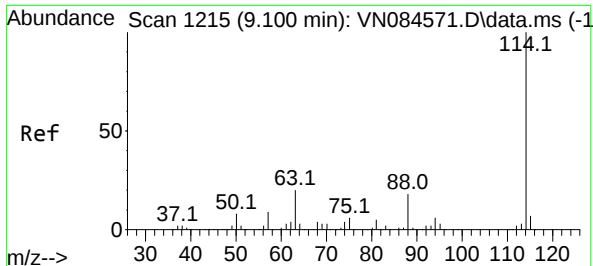
Tgt Ion: 56 Resp: 4034
Ion Ratio Lower Upper
56 100
69 146.8 23.8 35.6#
84 111.2 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.361 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Tgt Ion: 65 Resp: 130051
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: VN084640.D

Acq: 01 Nov 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

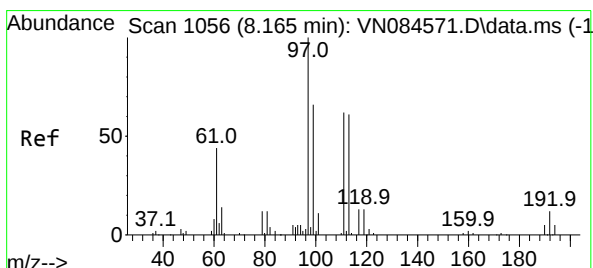
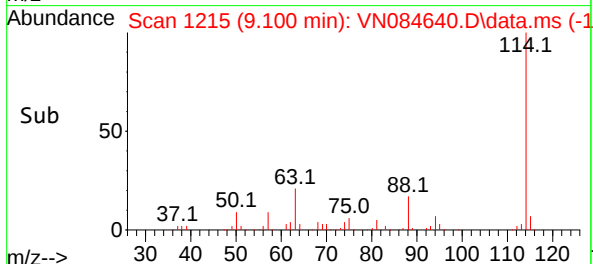
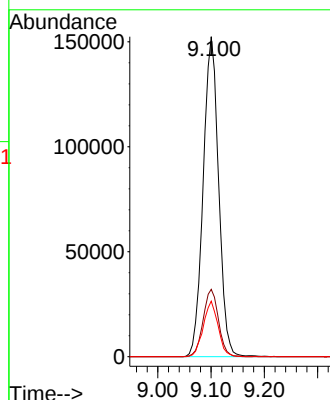
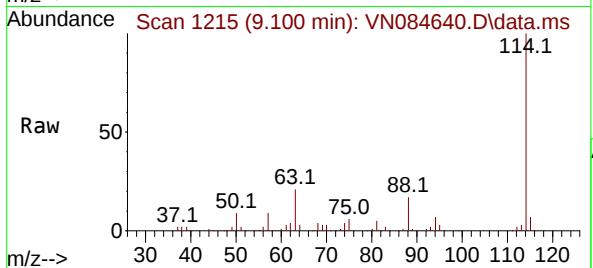
Tgt Ion:114 Resp: 307267

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.8

88 17.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

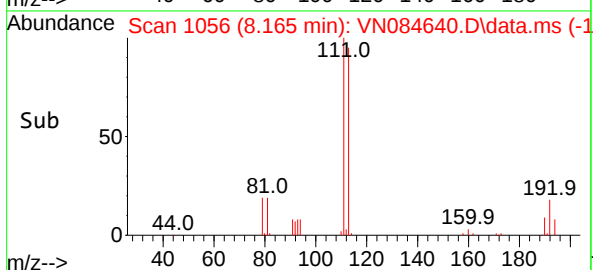
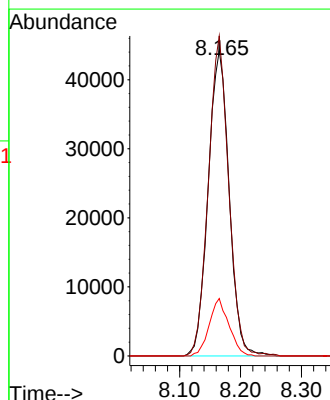
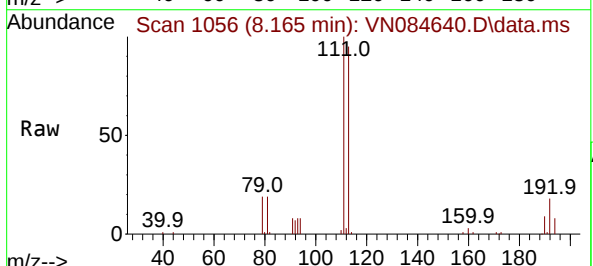
Tgt Ion:113 Resp: 105740

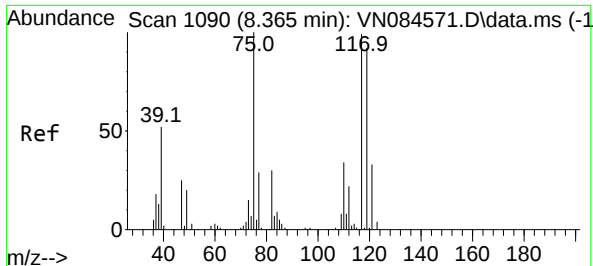
Ion Ratio Lower Upper

113 100

111 101.4 83.3 124.9

192 17.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.916 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

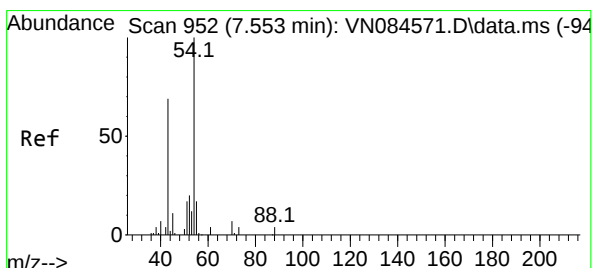
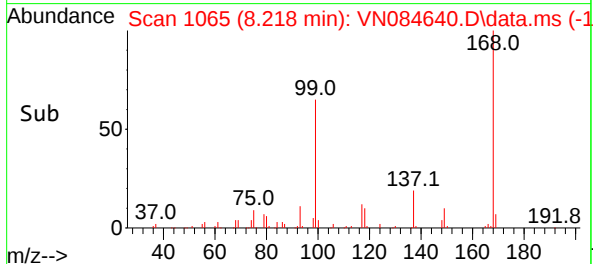
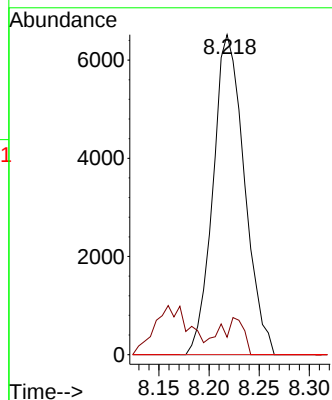
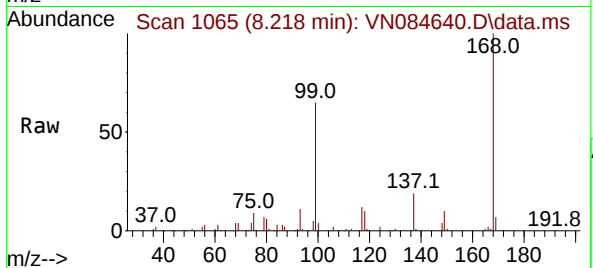
Tgt Ion: 75 Resp: 14179

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.219 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.065 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

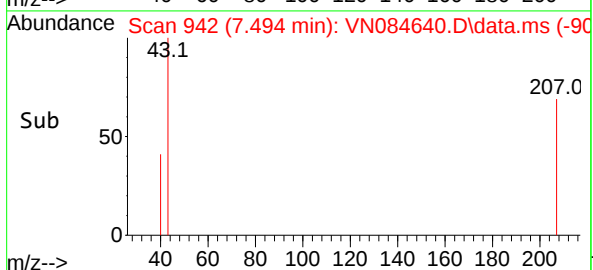
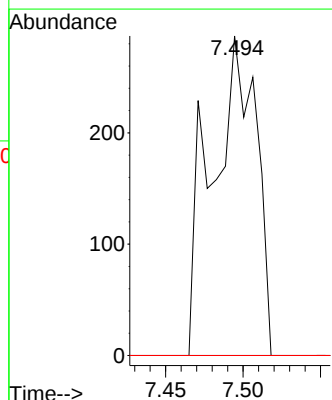
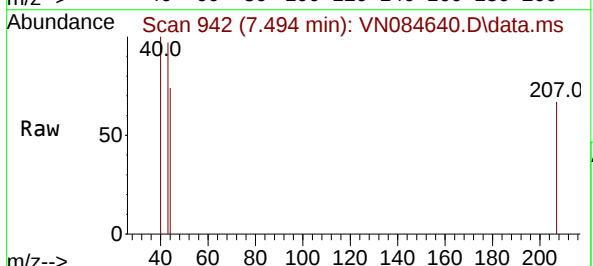
Tgt Ion: 43 Resp: 572

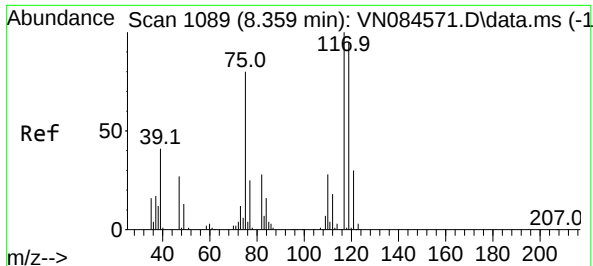
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

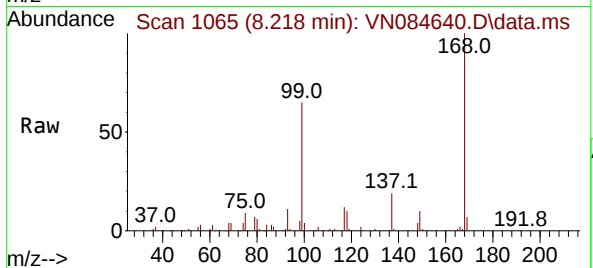
70 0.0 8.8 13.2#



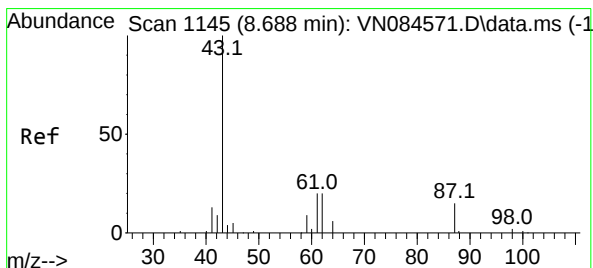
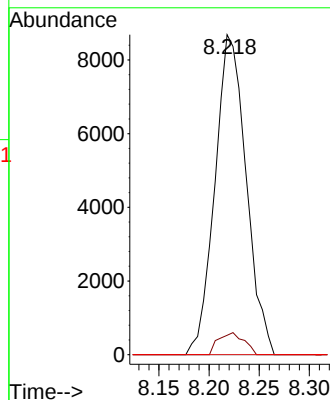
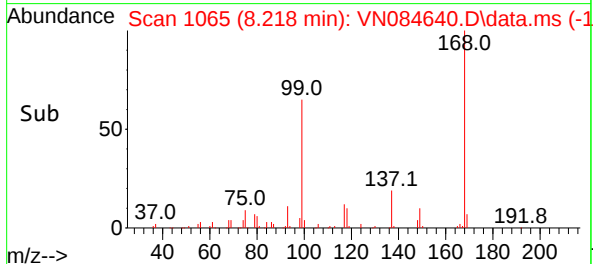


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :

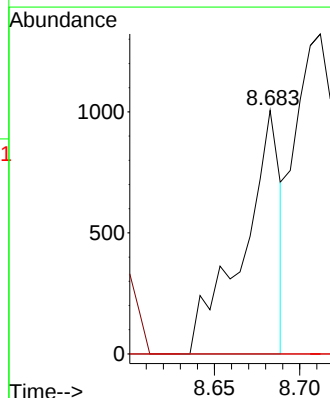
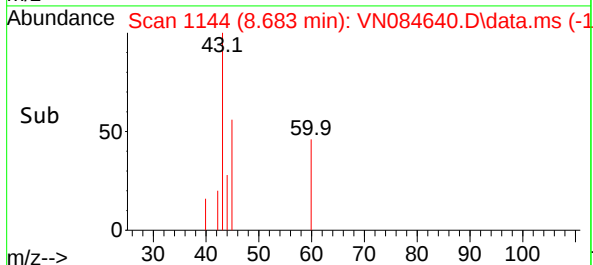
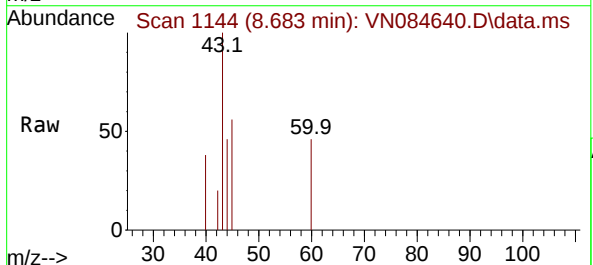


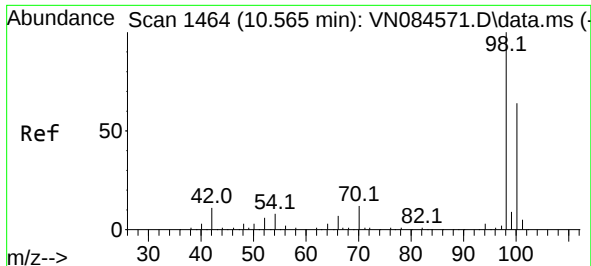
Tgt Ion:117 Resp: 18797
Ion Ratio Lower Upper
117 100
119 6.1 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 48.447 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

Instrument :

MSVOA_N

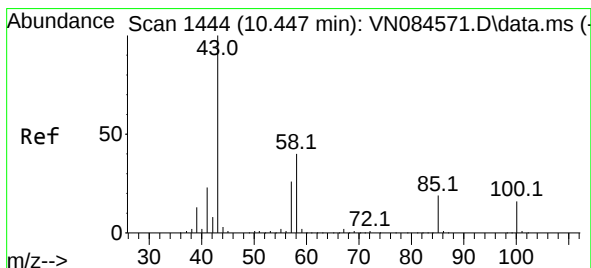
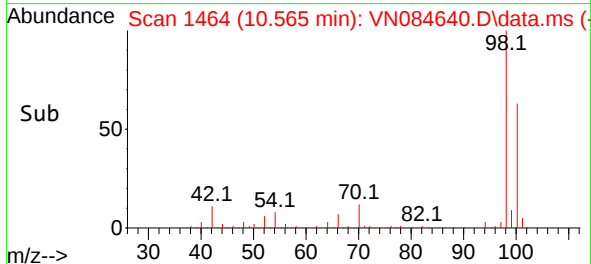
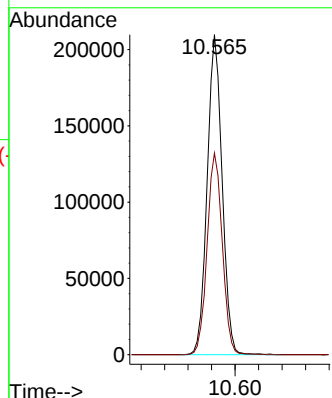
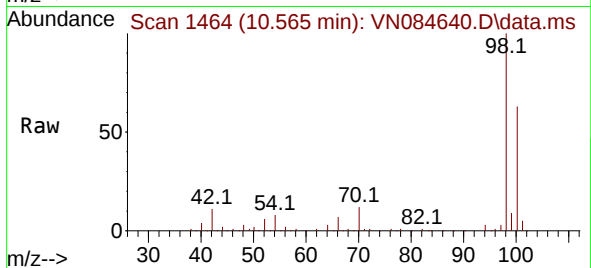
ClientSampleId :

Tgt Ion: 98 Resp: 371172

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.655 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.118 min

Lab File: VN084640.D

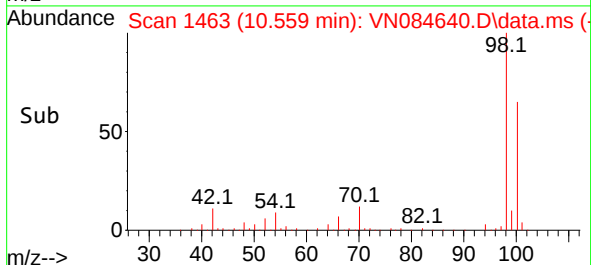
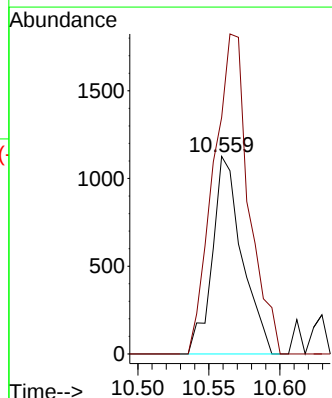
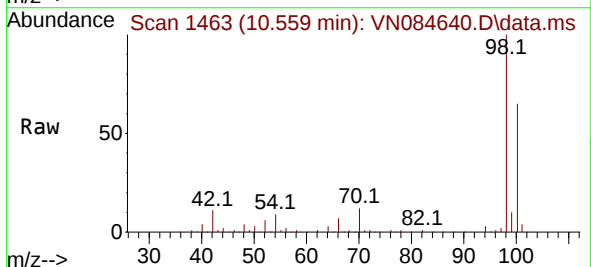
Acq: 01 Nov 2024 15:54

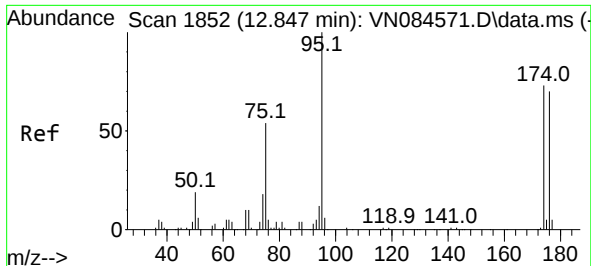
Tgt Ion: 43 Resp: 1635

Ion Ratio Lower Upper

43 100

58 194.1 31.6 47.4#

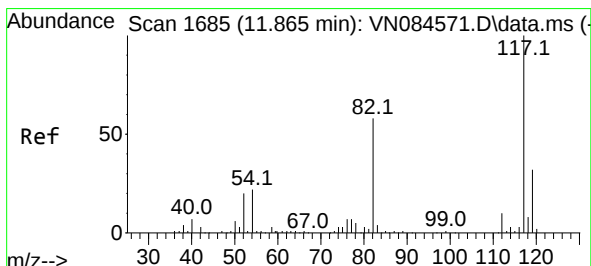
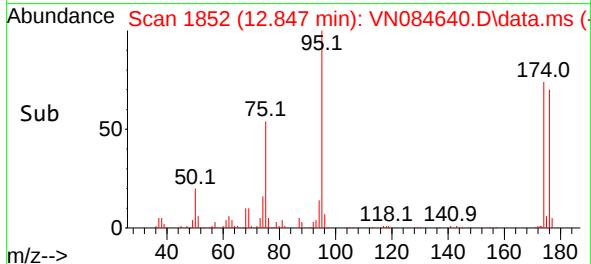
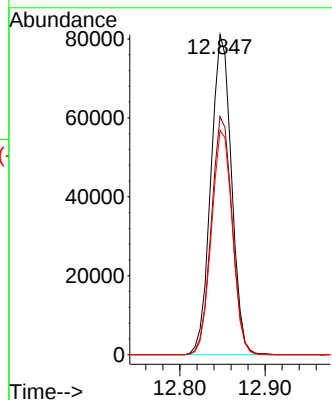
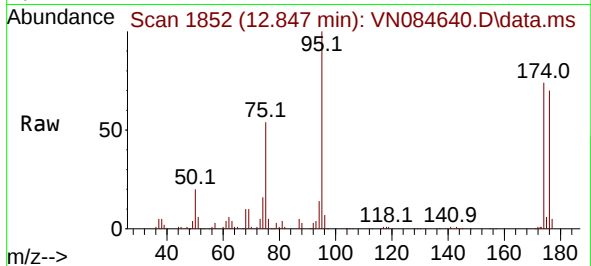




#62
4-Bromofluorobenzene
Concen: 47.698 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

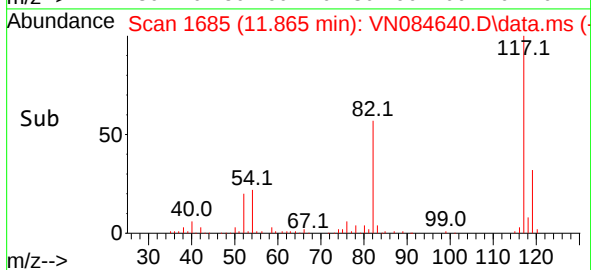
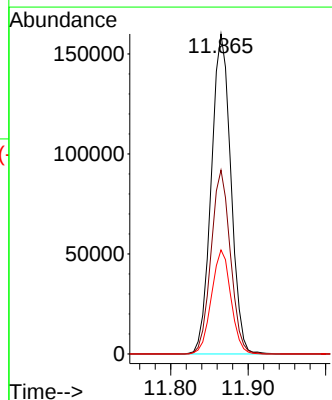
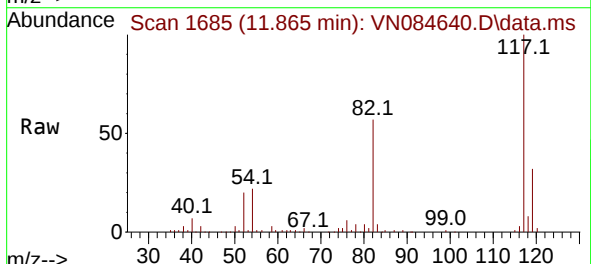
Instrument :
MSVOA_N
ClientSampleId :

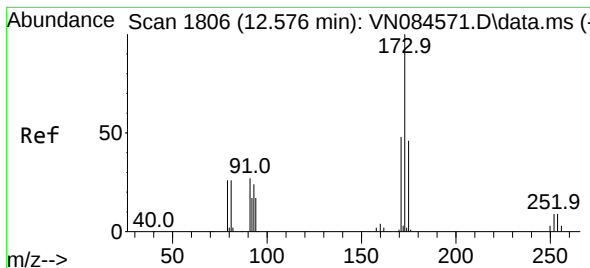
Tgt Ion: 95 Resp: 136575
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.2
176 71.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Tgt Ion: 117 Resp: 280834
Ion Ratio Lower Upper
117 100
82 57.4 47.2 70.8
119 32.5 25.4 38.0





#71

Bromoform

Concen: 0.712 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

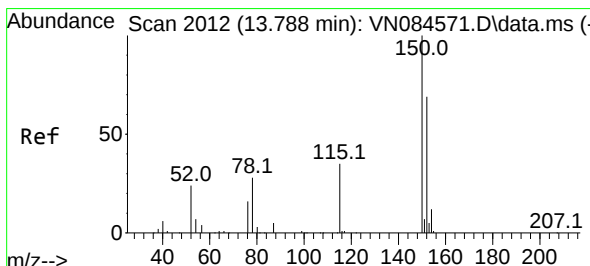
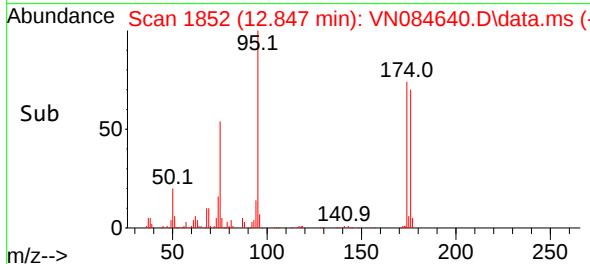
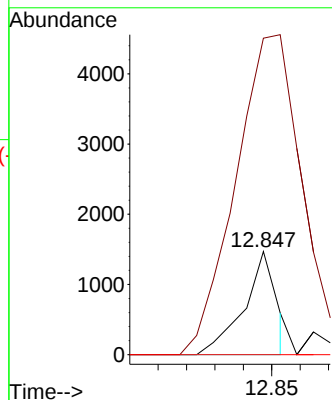
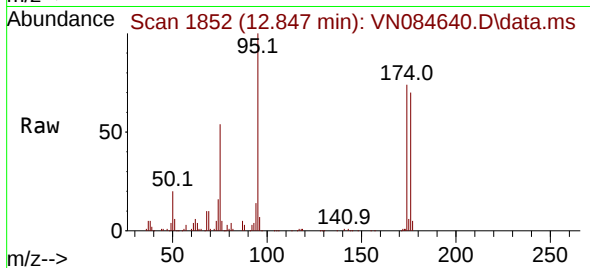
Tgt Ion:173 Resp: 1171

Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

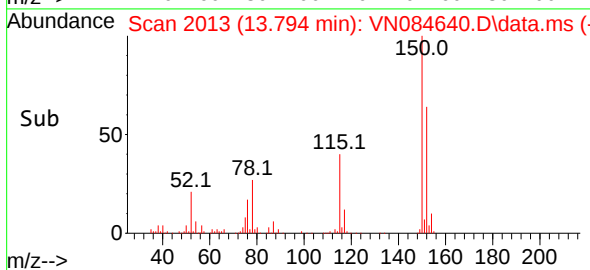
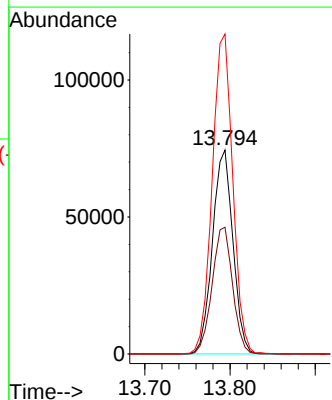
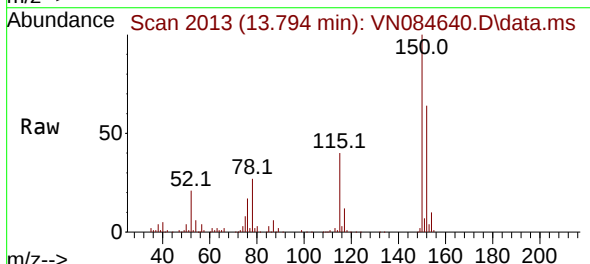
Tgt Ion:152 Resp: 124509

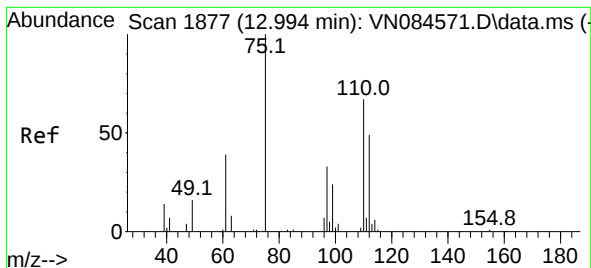
Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.9

150 157.2 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.467 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

Instrument :

MSVOA_N

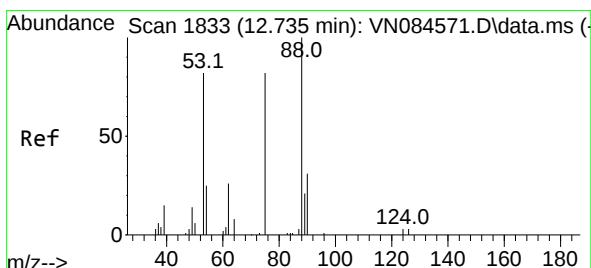
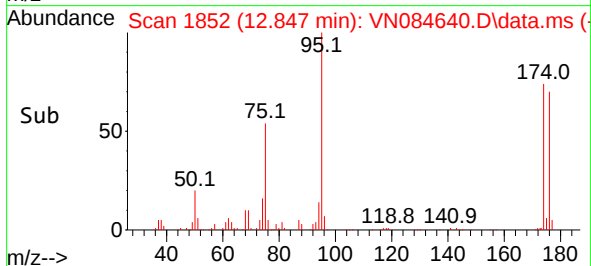
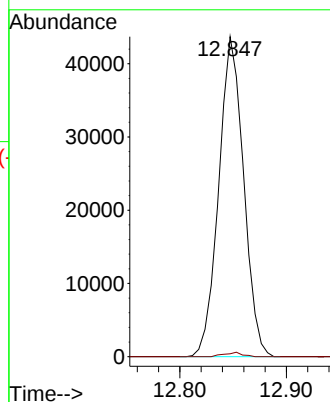
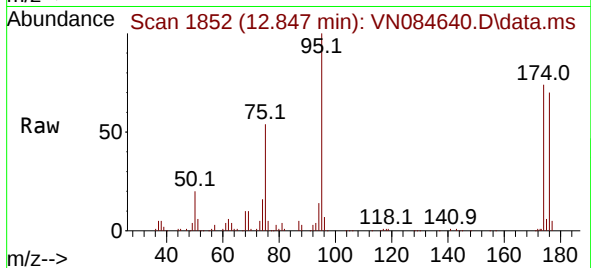
ClientSampleId :

Tgt Ion: 75 Resp: 70851

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.535 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084640.D

Acq: 01 Nov 2024 15:54

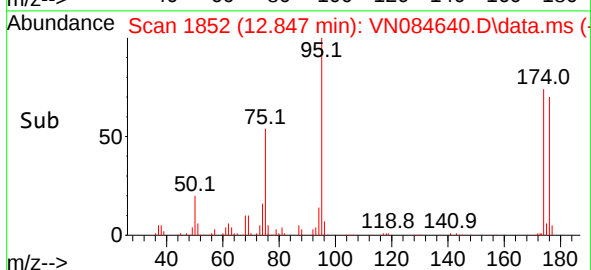
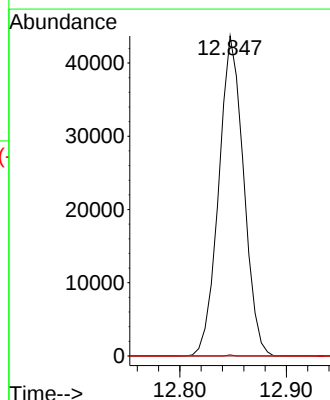
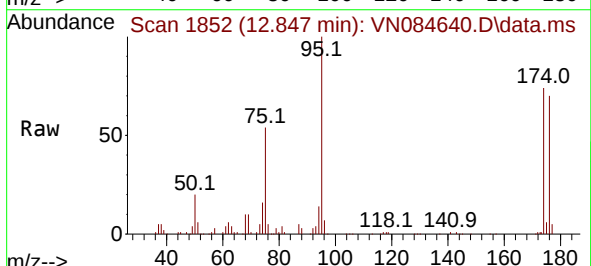
Tgt Ion: 75 Resp: 70851

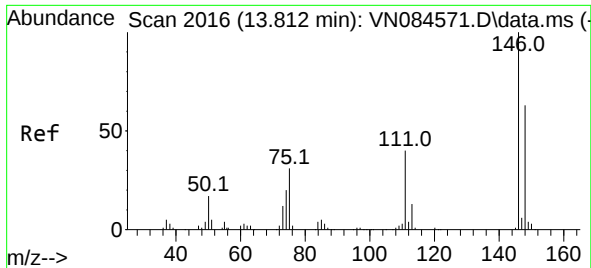
Ion Ratio Lower Upper

75 100

53 0.1 78.0 117.0#

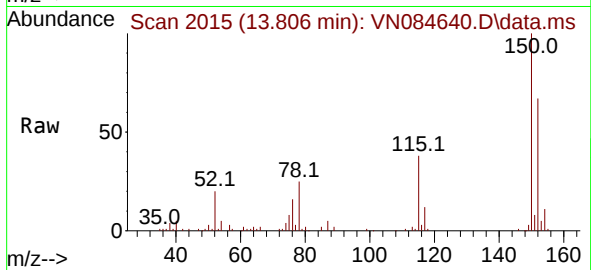
89 0.0 35.5 53.3#





#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.806 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN084640.D
Acq: 01 Nov 2024 15:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 345
Ion Ratio Lower Upper
146 100
111 524.1 21.2 63.6#
148 267.2 31.9 95.9#

