

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084734.D
 Acq On : 07 Nov 2024 20:22
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:35:32 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)

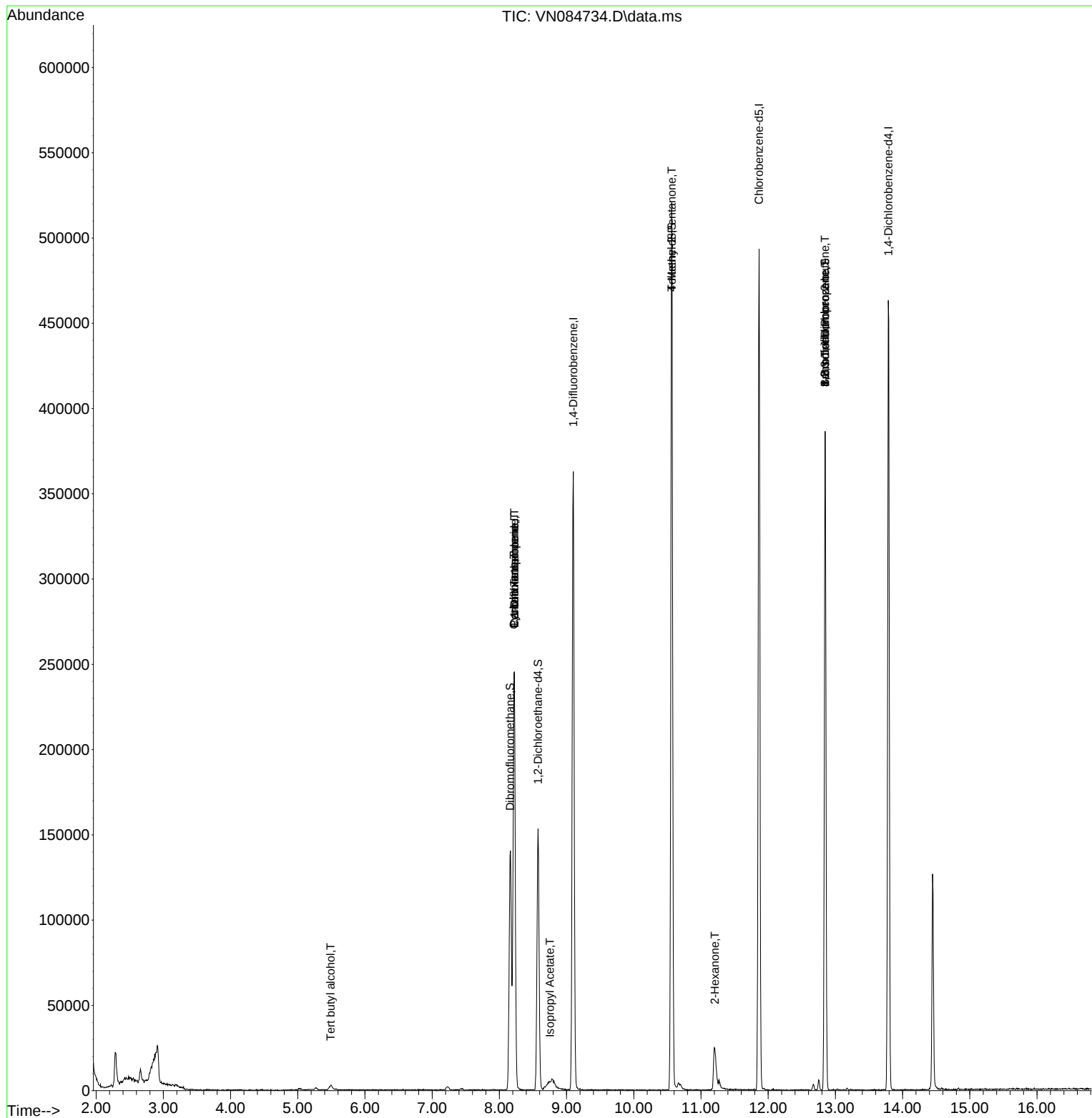
Internal Standards						
1) Pentafluorobenzene	8.224	168	182220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126077	47.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.800%		
35) Dibromofluoromethane	8.159	113	103960	48.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	10.565	98	356883	45.385	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.780%		
62) 4-Bromofluorobenzene	12.847	95	134765	45.857	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.720%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	581	Below Cal	#	41
6) Chloroethane	3.165	64	191	Below Cal	#	45
11) Tert butyl alcohol	5.488	59	2815	8.103	ug/l #	73
16) Acetone	4.441	43	60	Below Cal	#	44
18) Methyl Acetate	5.036	43	1935	Below Cal	#	59
31) Cyclohexane	8.218	56	3800	1.046	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14934	5.044	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19923	6.021	ug/l #	15
43) Isopropyl Acetate	8.753	43	7785	0.615	ug/l #	56
51) 4-Methyl-2-Pentanone	10.565	43	1670	0.652	ug/l #	1
59) 2-Hexanone	11.206	43	10560	5.666	ug/l #	39
71) Bromoform	12.847	173	563	0.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69425	27.378	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69425	64.951	ug/l #	11
88) 1,4-Dichlorobenzene	13.800	146	190	Below Cal	#	1

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

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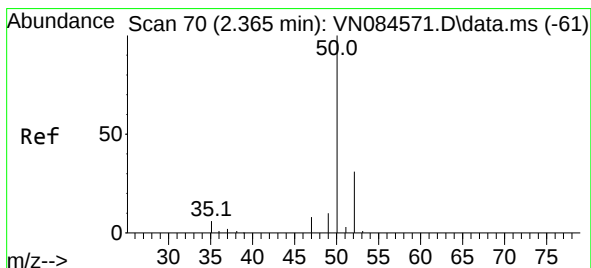
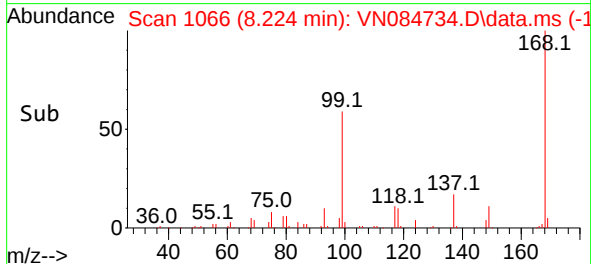
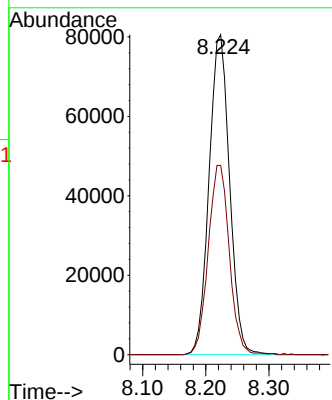
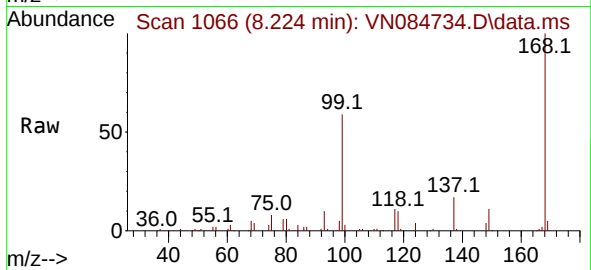




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

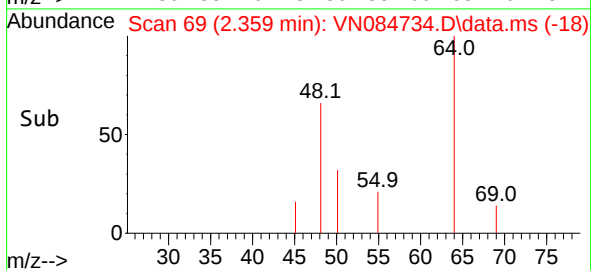
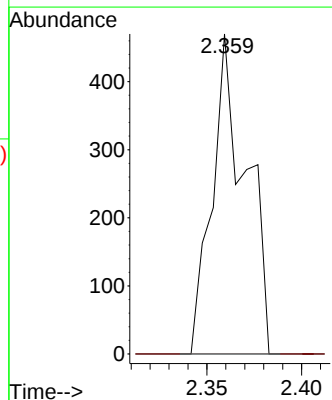
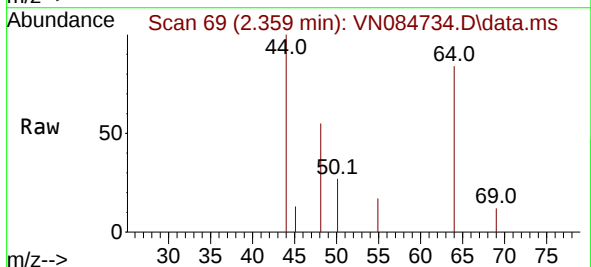
Instrument :
MSVOA_N
ClientSampleId :

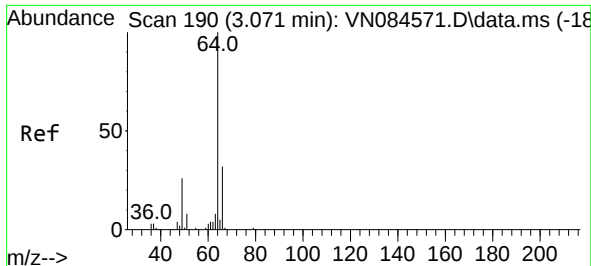
Tgt Ion:168 Resp: 182220
Ion Ratio Lower Upper
168 100
99 59.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

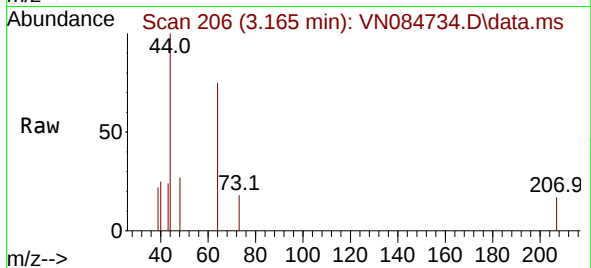
Tgt Ion: 50 Resp: 581
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



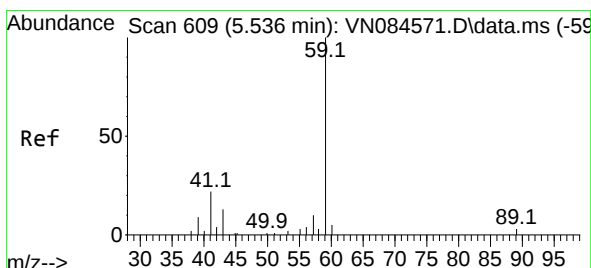
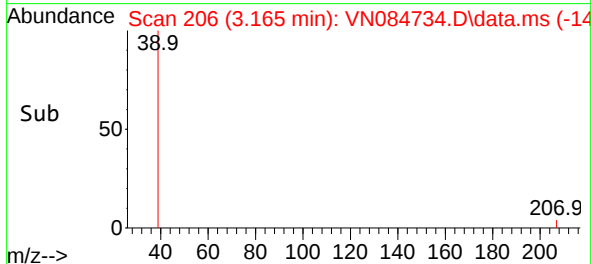
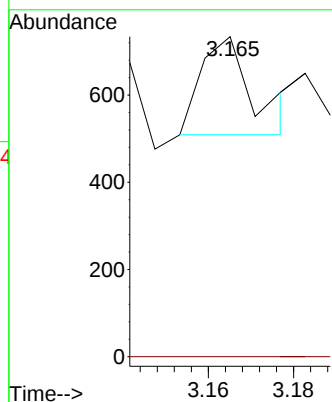


#6
Chloroethane
Concen: Below Cal
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :

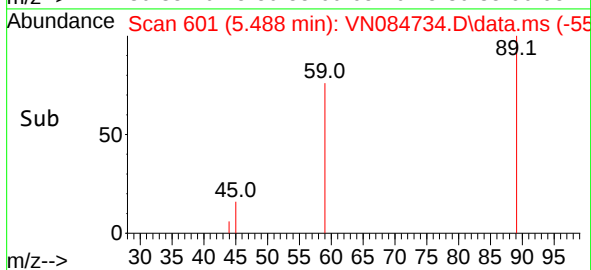
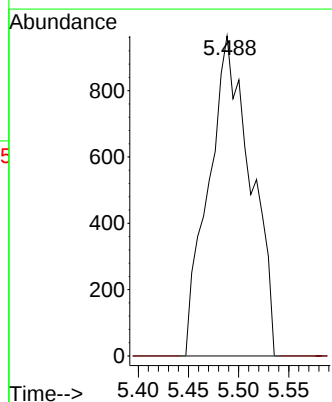
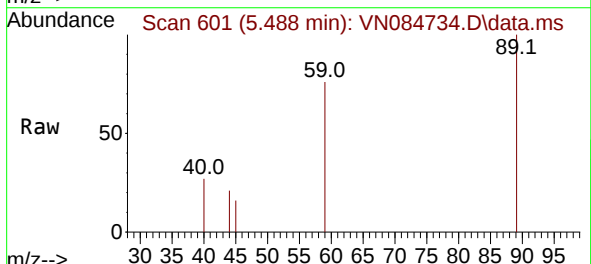


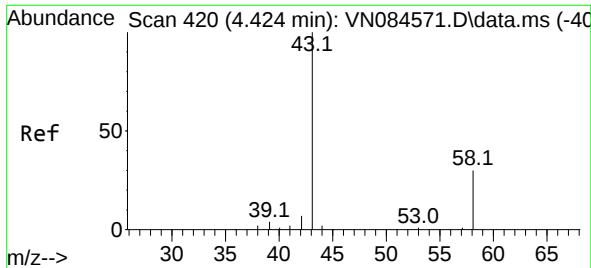
Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 8.103 ug/l
RT: 5.488 min Scan# 601
Delta R.T. -0.035 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

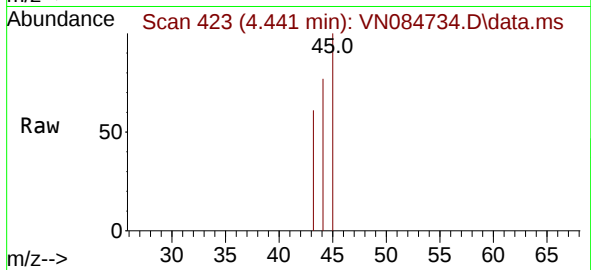
Tgt Ion: 59 Resp: 2815
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



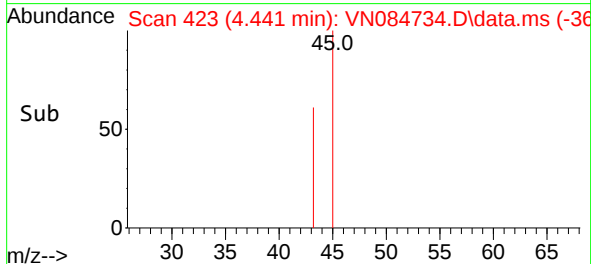
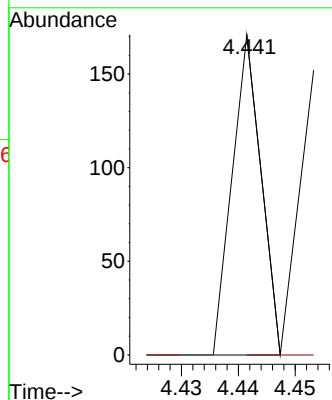


#16
Acetone
Concen: Below Cal
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :

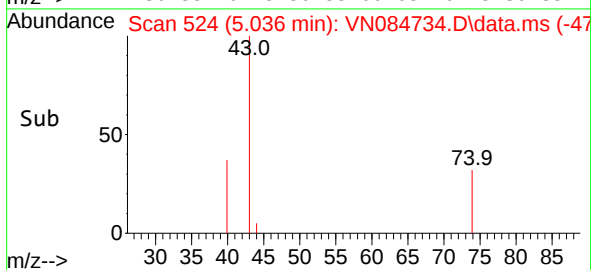
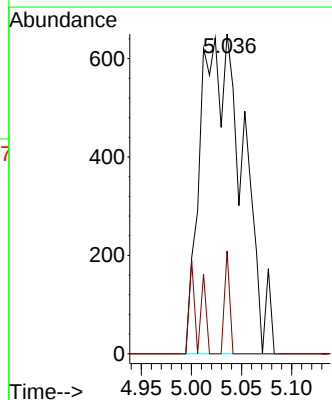
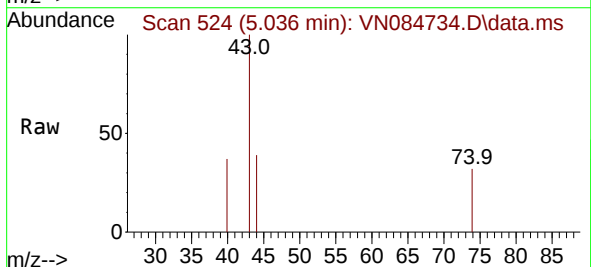


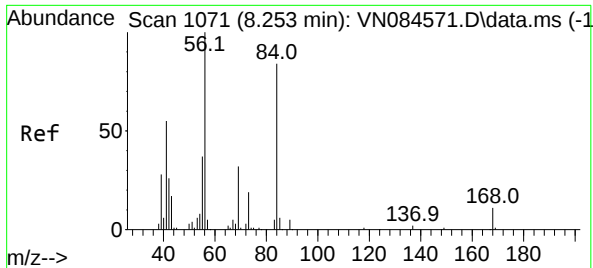
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

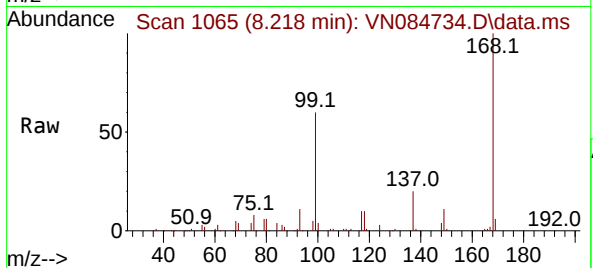
Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
74 3.8 19.2 28.8#



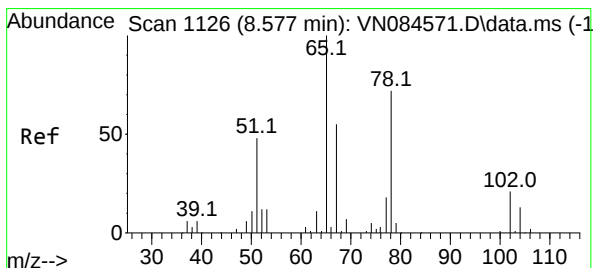
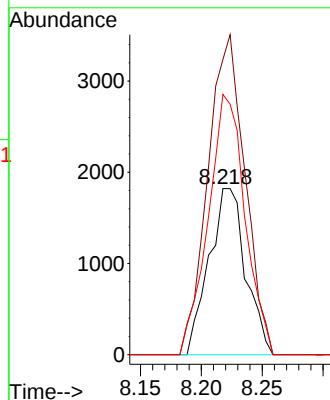
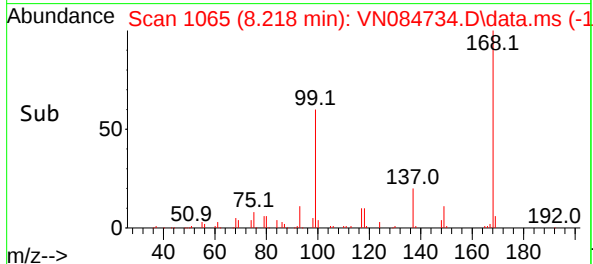


#31
Cyclohexane
Concen: 1.046 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Instrument :
MSVOA_N
ClientSampleId :

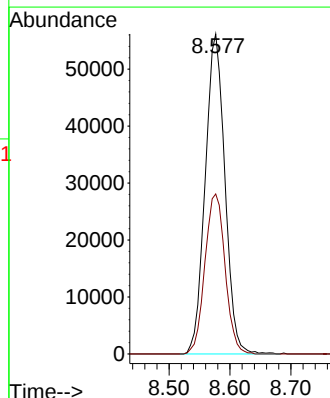
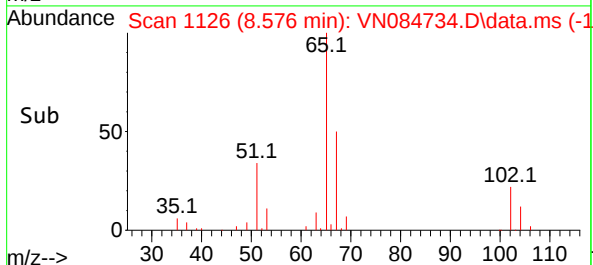
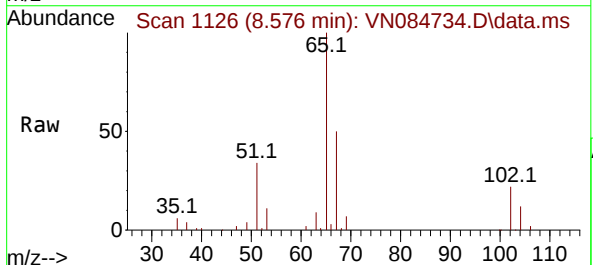


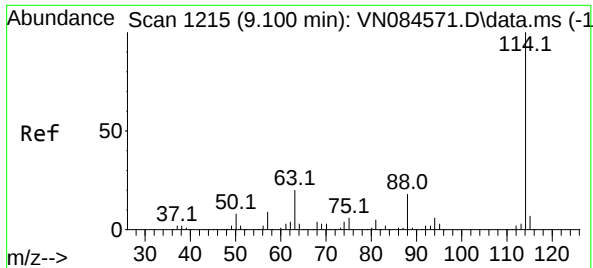
Tgt Ion: 56 Resp: 3800
Ion Ratio Lower Upper
56 100
69 177.8 23.8 35.6#
84 156.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.904 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 65 Resp: 126077
Ion Ratio Lower Upper
65 100
67 51.2 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: VN084734.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

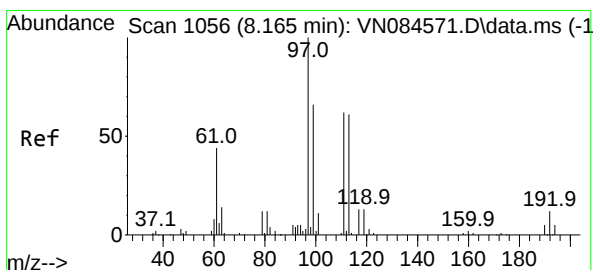
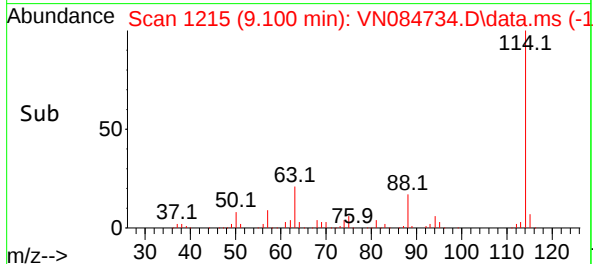
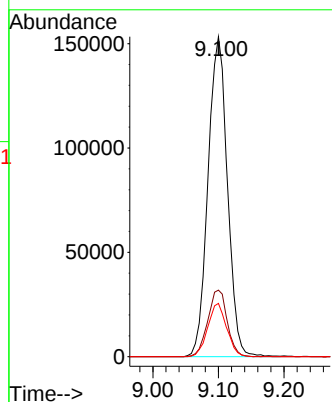
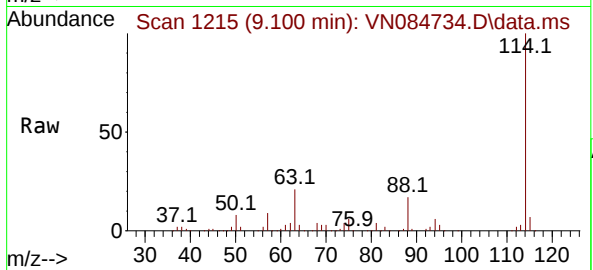
Tgt Ion:114 Resp: 315367

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.701 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084734.D

Acq: 07 Nov 2024 20:22

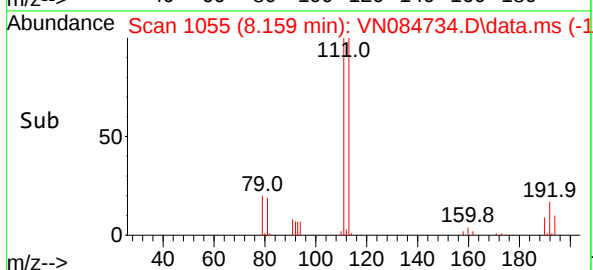
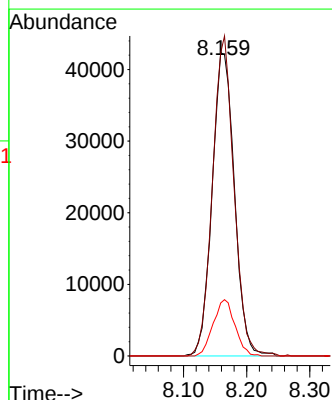
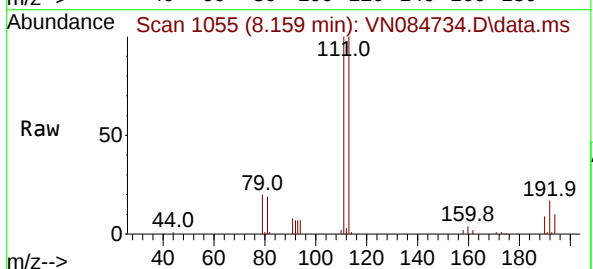
Tgt Ion:113 Resp: 103960

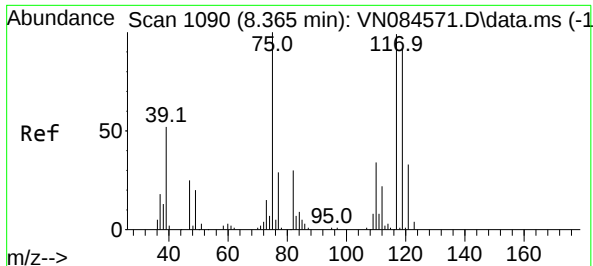
Ion Ratio Lower Upper

113 100

111 101.2 83.3 124.9

192 18.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.044 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084734.D

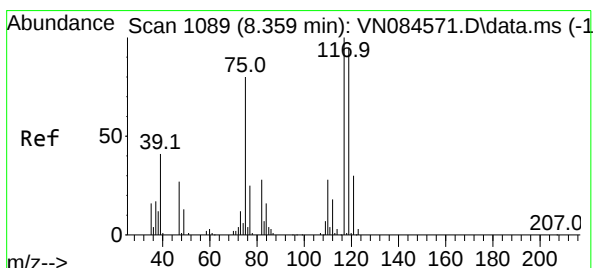
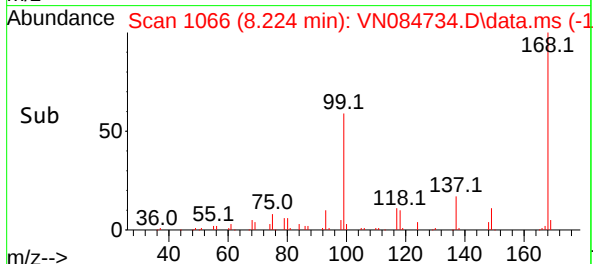
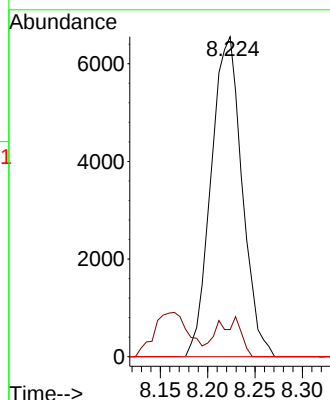
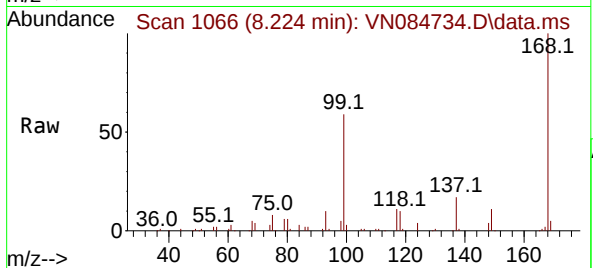
Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	14934
Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.021 ug/l

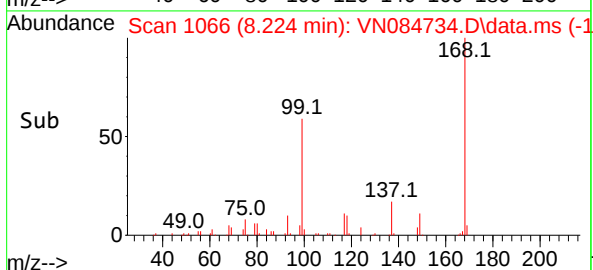
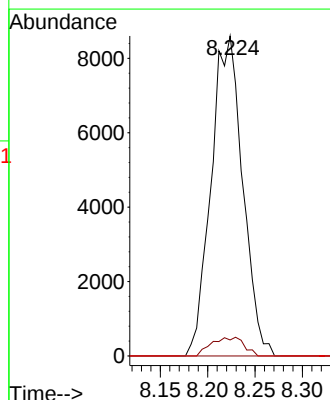
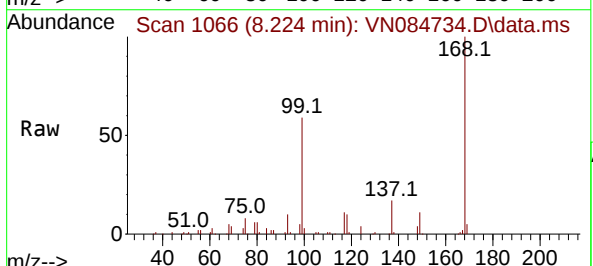
RT: 8.224 min Scan# 1066

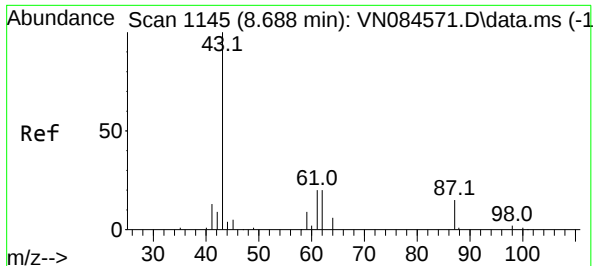
Delta R.T. -0.135 min

Lab File: VN084734.D

Acq: 07 Nov 2024 20:22

Tgt Ion:	117	Resp:	19923
Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.7	118.1#
121	0.0	24.4	36.6#

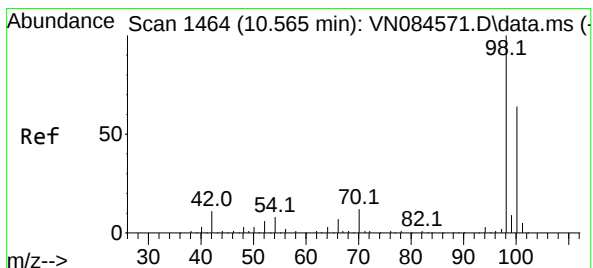
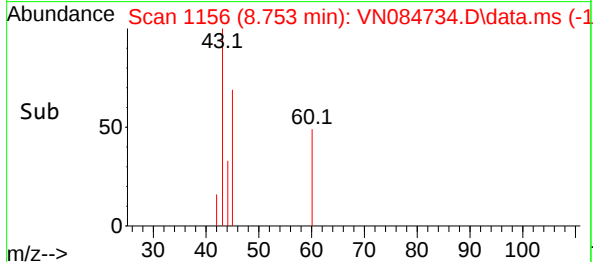
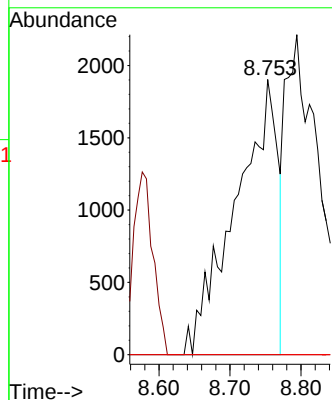
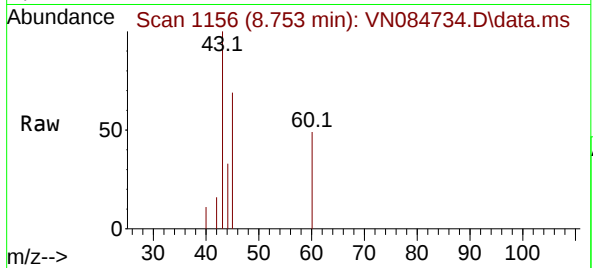




#43
Isopropyl Acetate
Concen: 0.615 ug/l
RT: 8.753 min Scan# 1145
Delta R.T. 0.065 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

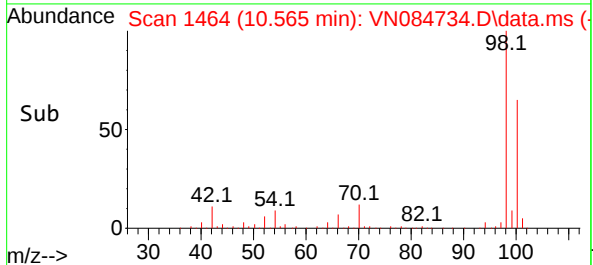
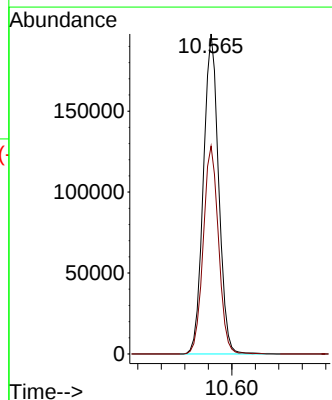
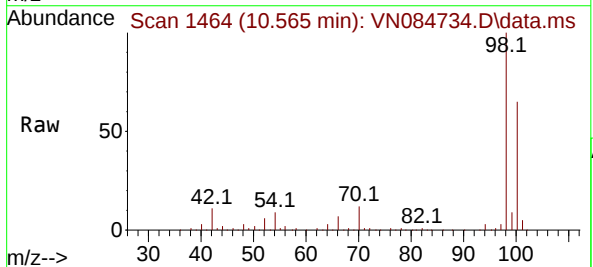
Instrument :
MSVOA_N
ClientSampleId :

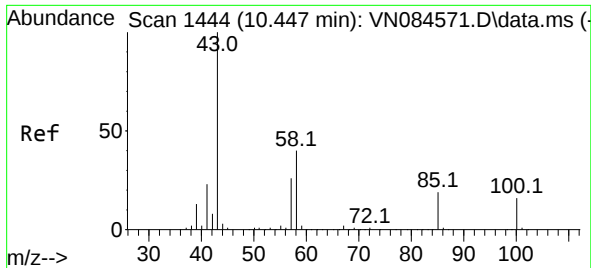
Tgt Ion: 43 Resp: 7785
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 45.385 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 98 Resp: 356883
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1

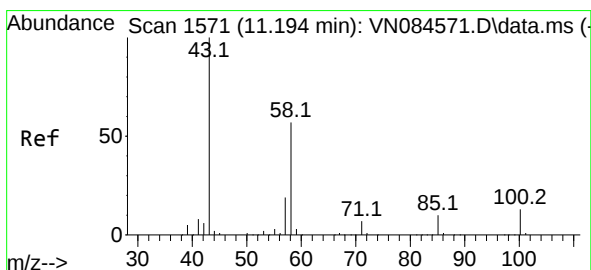
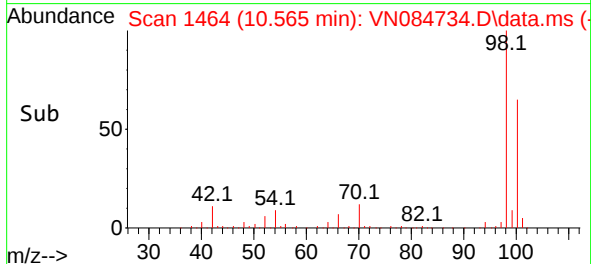
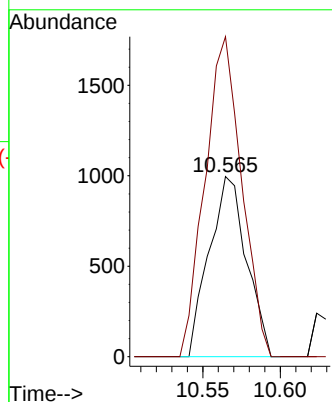
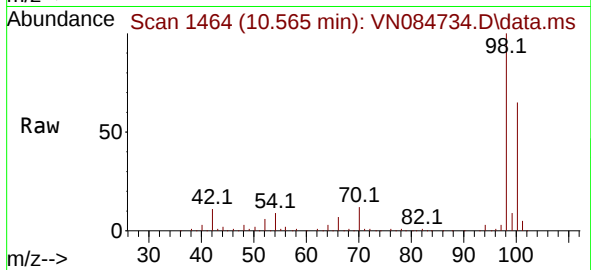




#51
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

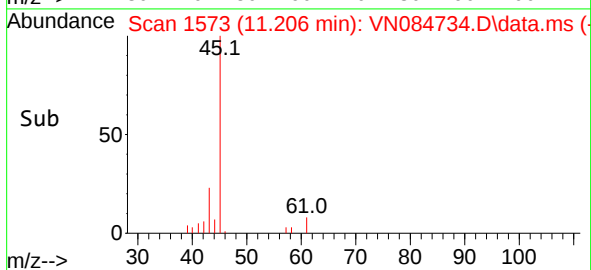
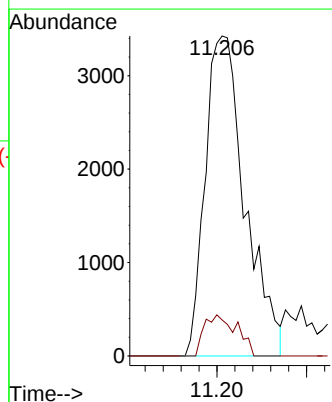
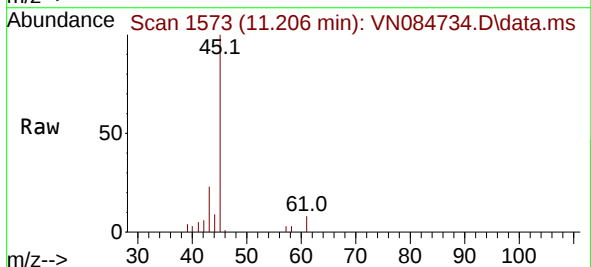
Instrument :
MSVOA_N
ClientSampleId :

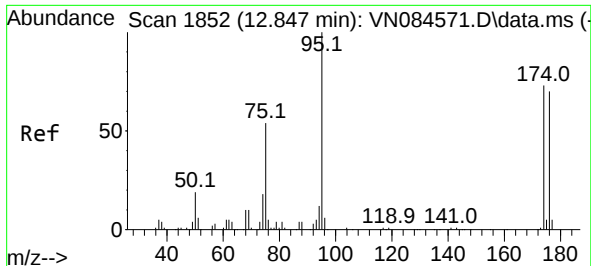
Tgt Ion: 43 Resp: 1670
Ion Ratio Lower Upper
43 100
58 174.2 31.6 47.4#



#59
2-Hexanone
Concen: 5.666 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.012 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 43 Resp: 10560
Ion Ratio Lower Upper
43 100
58 10.5 27.3 81.8#

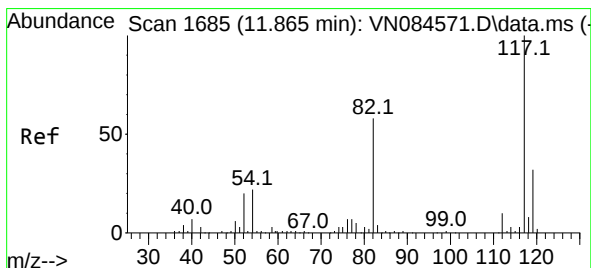
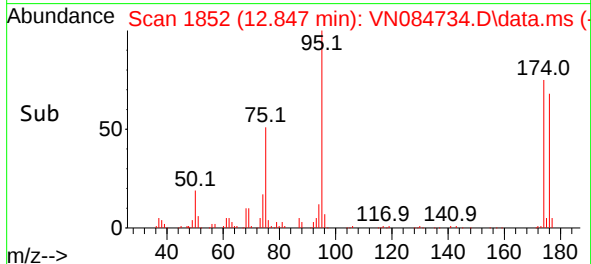
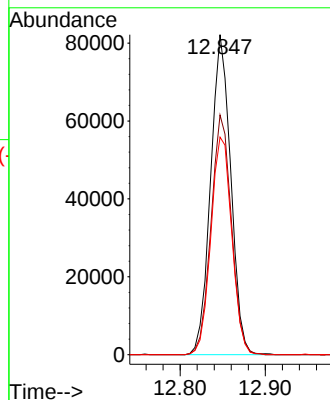
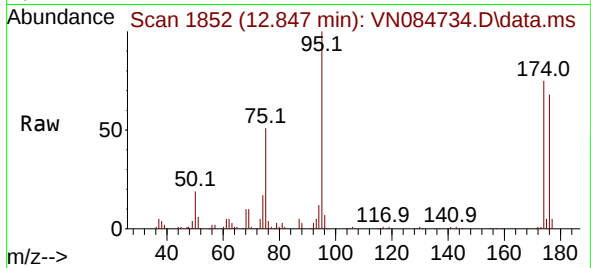




#62
4-Bromofluorobenzene
Concen: 45.857 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

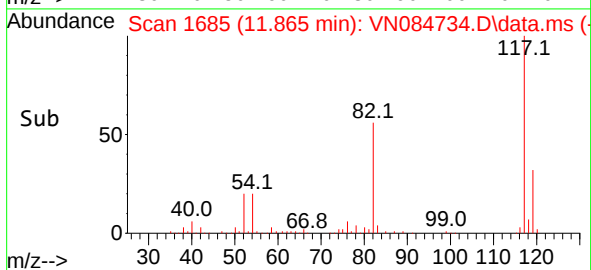
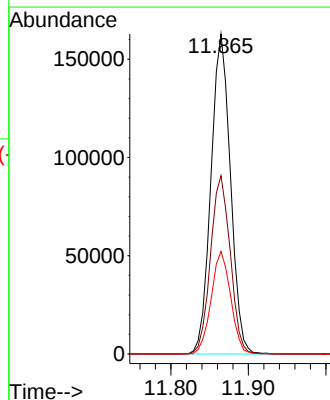
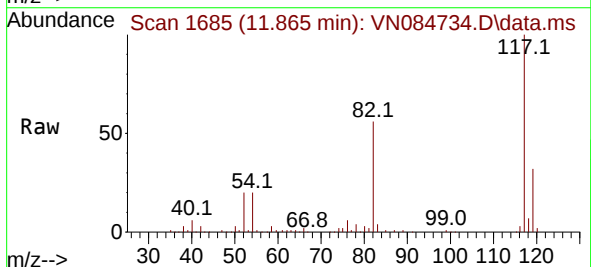
Instrument :
MSVOA_N
ClientSampleId :

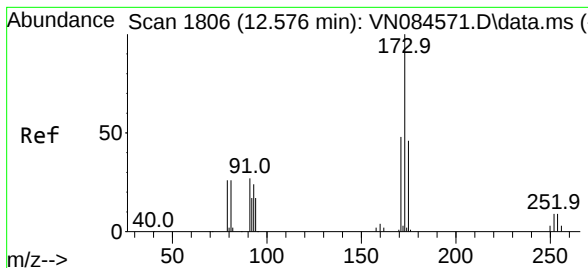
Tgt Ion: 95 Resp: 134765
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.2
176 70.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 117 Resp: 284286
Ion Ratio Lower Upper
117 100
82 55.7 47.2 70.8
119 32.1 25.4 38.0





#71

Bromoform

Concen: 0.338 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.270 min

Lab File: VN084734.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :

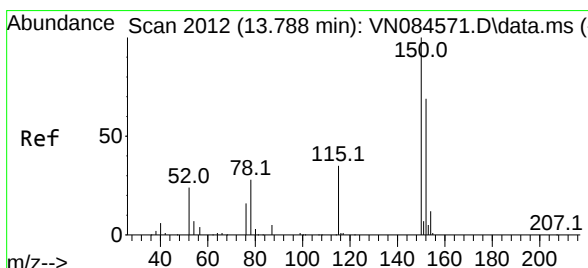
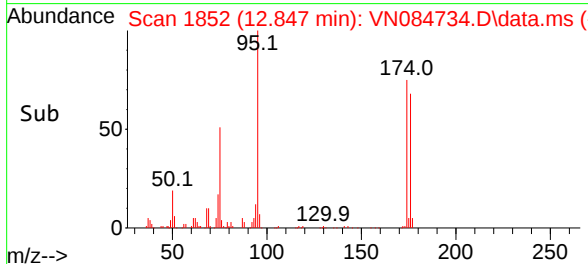
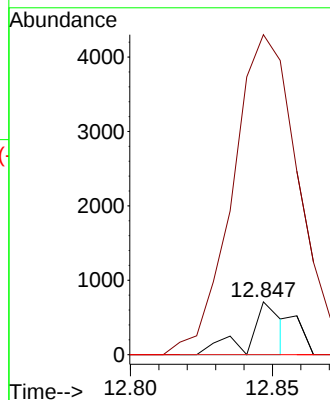
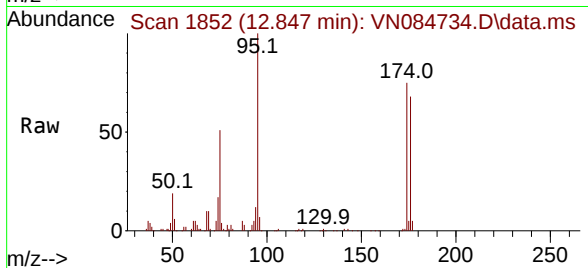
Tgt Ion:173 Resp: 563

Ion Ratio Lower Upper

173 100

175 960.6 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: VN084734.D

Acq: 07 Nov 2024 20:22

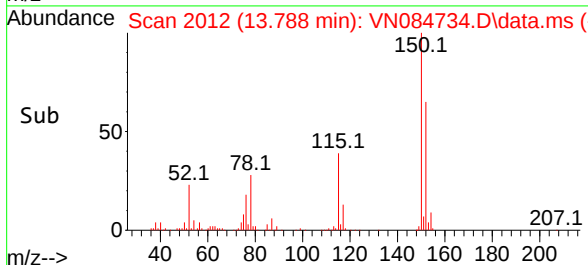
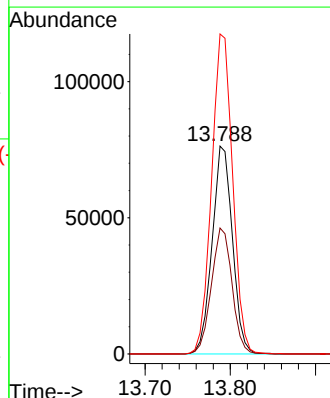
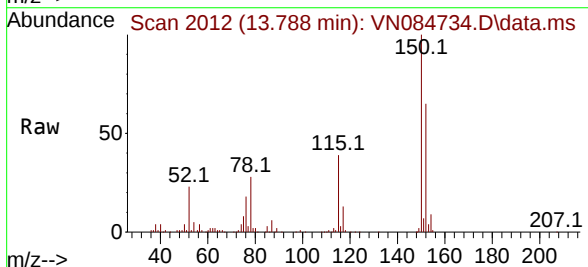
Tgt Ion:152 Resp: 126857

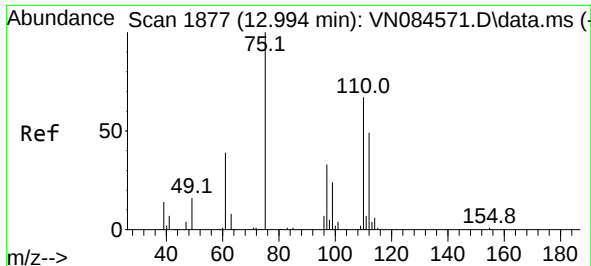
Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.9

150 159.0 0.0 349.8

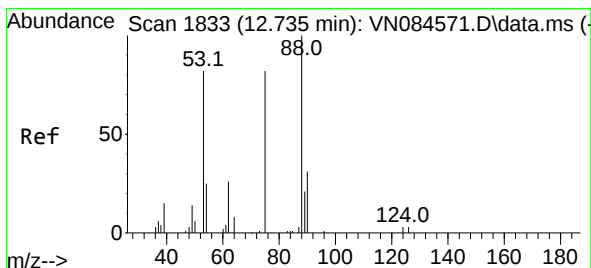
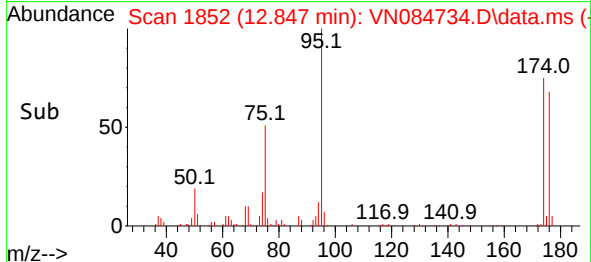
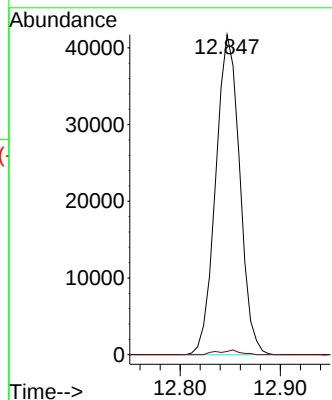
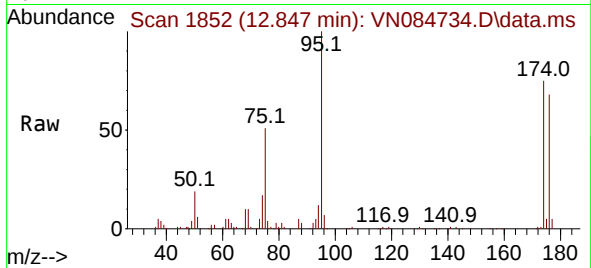




#76
1,2,3-Trichloropropane
Concen: 27.378 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

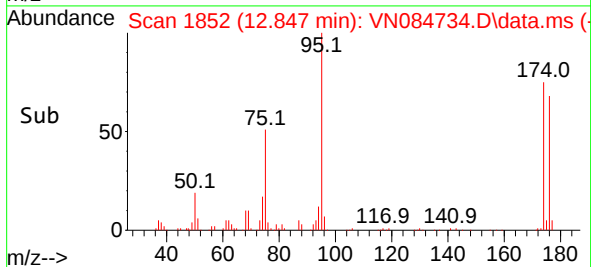
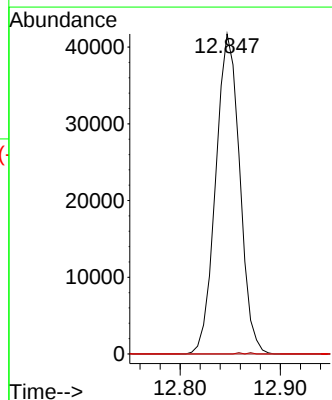
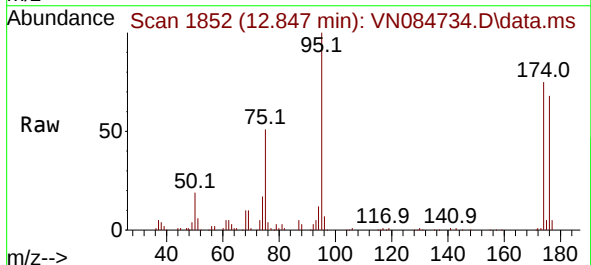
Instrument :
MSVOA_N
ClientSampleId :

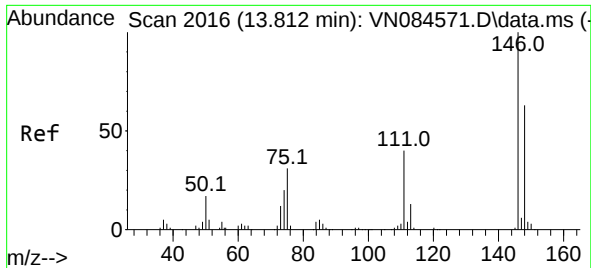
Tgt Ion: 75 Resp: 69425
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084734.D
Acq: 07 Nov 2024 20:22

Tgt Ion: 75 Resp: 69425
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: 13.800 min Scan# 20

Delta R.T. -0.012 min

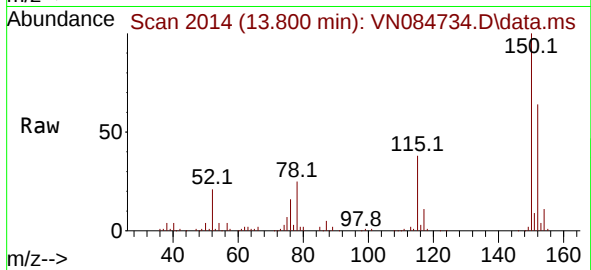
Lab File: VN084734.D

Acq: 07 Nov 2024 20:22

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	190
Ion	Ratio	Lower	Upper
146	100		
111	1046.3	21.2	63.6#
148	297.4	31.9	95.9#

