

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083284.D
 Acq On : 14 Aug 2024 07:40
 Operator : JC\MD
 Sample : P3451-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 08:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

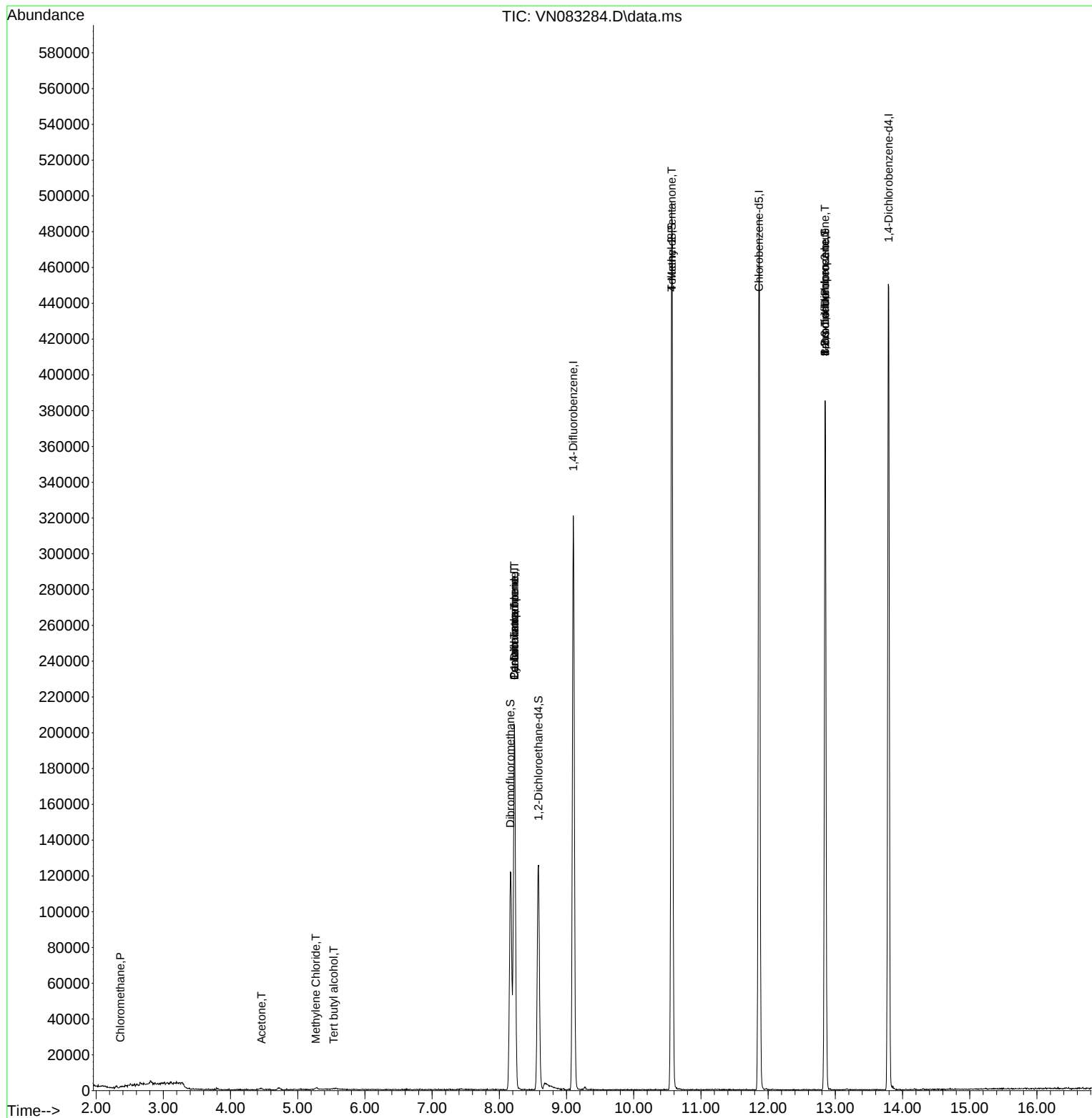
Internal Standards						
1) Pentafluorobenzene	8.224	168	138901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	112204	56.752	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.500%	
35) Dibromofluoromethane	8.165	113	88634	52.255	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.520%	
50) Toluene-d8	10.565	98	337136	53.284	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.560%	
62) 4-Bromofluorobenzene	12.847	95	137725	55.834	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	111.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	373	0.231	ug/l #	43
11) Tert butyl alcohol	5.536	59	143	0.348	ug/l #	71
16) Acetone	4.459	43	1892	2.446	ug/l #	48
20) Methylene Chloride	5.271	84	591	0.332	ug/l #	30
31) Cyclohexane	8.224	56	3588	1.225	ug/l #	2
36) 1,1-Dichloropropene	8.224	75	12914	5.033	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16037	5.549	ug/l #	16
43) Isopropyl Acetate	8.671	43	1615	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1615	0.594	ug/l #	1
71) Bromoform	12.847	173	576	0.352	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	76598	29.004	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76598	63.092	ug/l #	6

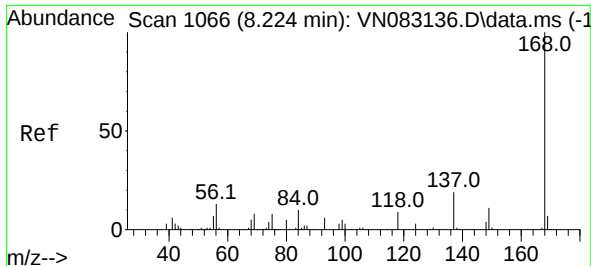
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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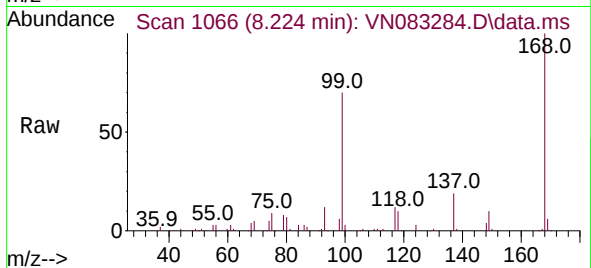
Quant Time: Aug 14 08:14:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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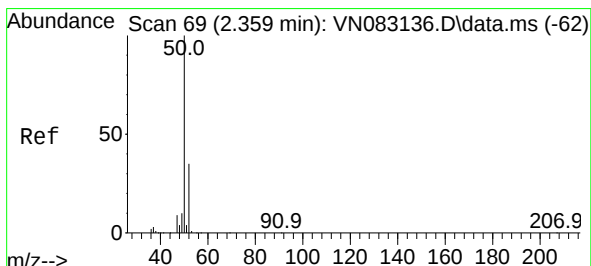
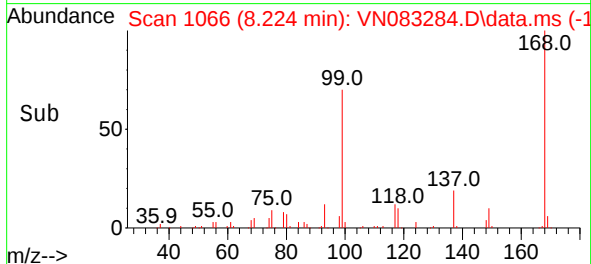
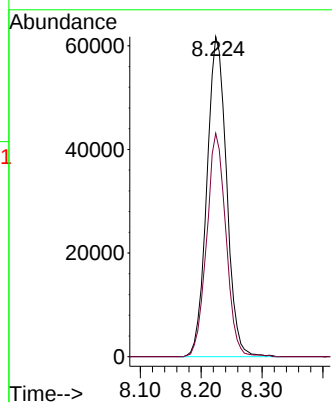


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

Instrument :
MSVOA_N
ClientSampleId :

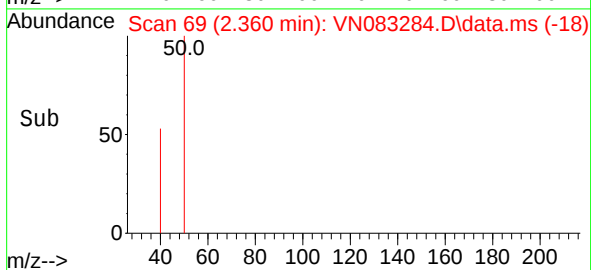
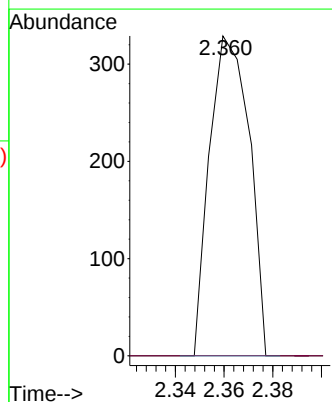
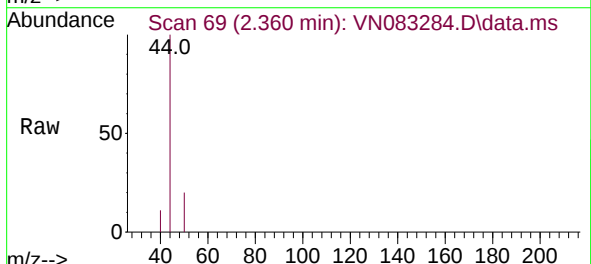


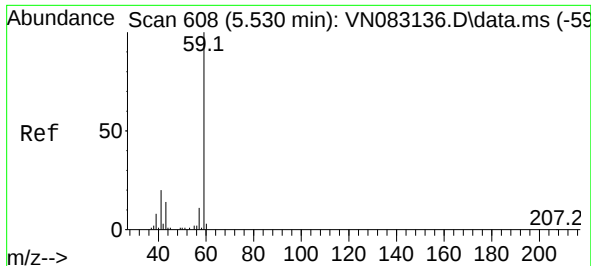
Tgt Ion:168 Resp: 138901
Ion Ratio Lower Upper
168 100
99 69.8 48.2 72.4



#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

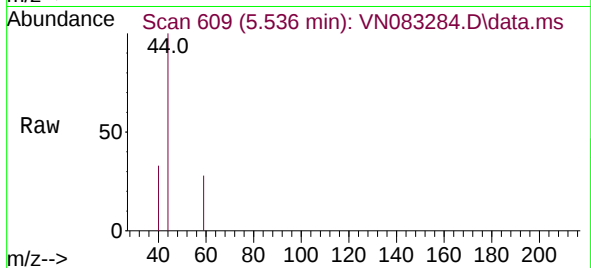
Tgt Ion: 50 Resp: 373
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



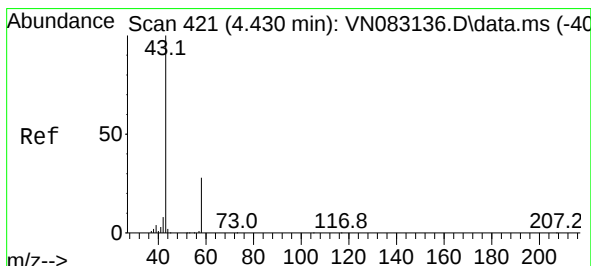
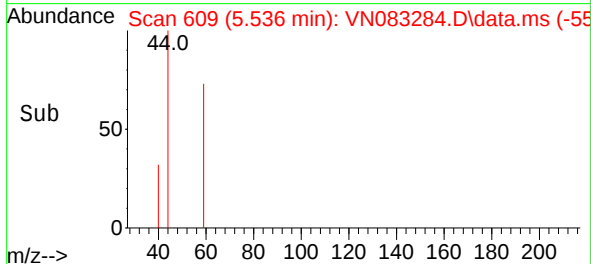
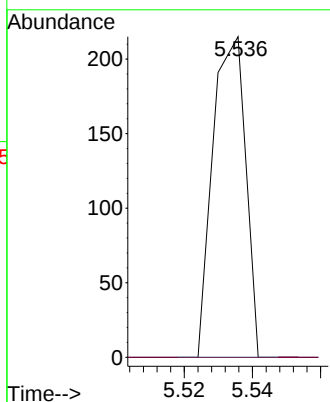


#11
Tert butyl alcohol
Concen: 0.348 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

Instrument :
MSVOA_N
ClientSampleId :

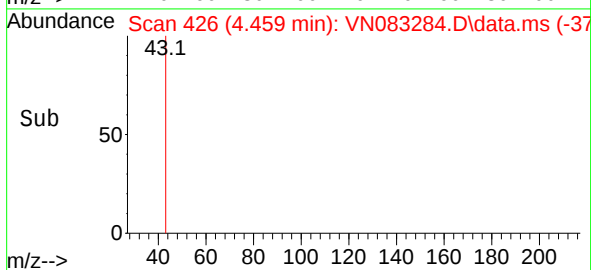
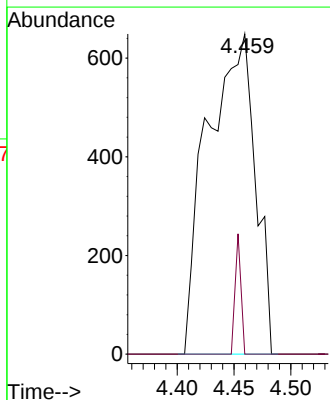
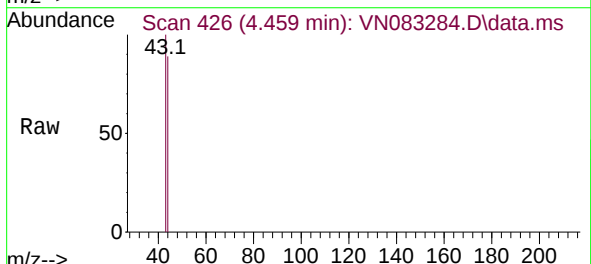


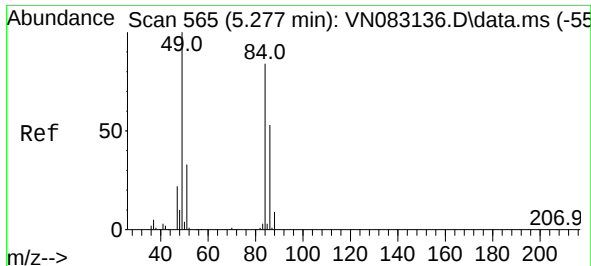
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 2.446 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.030 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

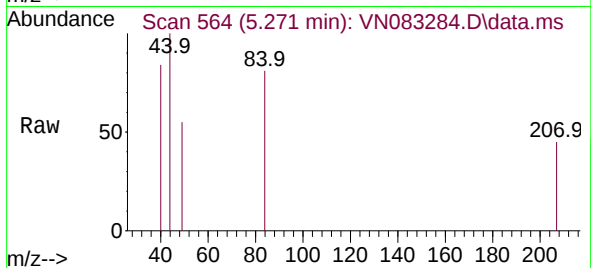
Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



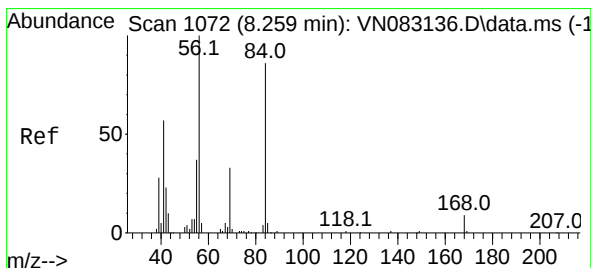
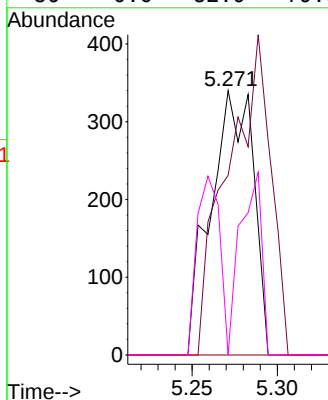
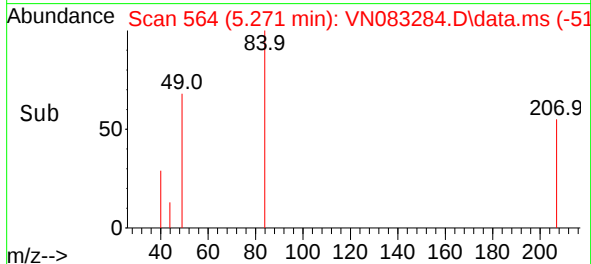


#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

Instrument :
MSVOA_N
ClientSampleId :

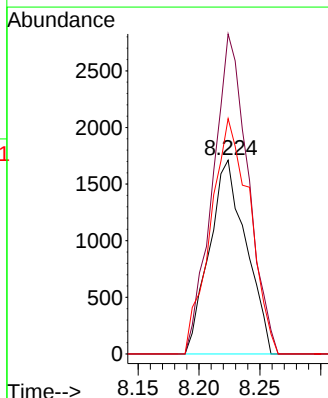
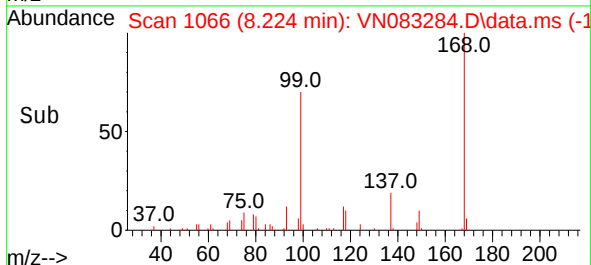
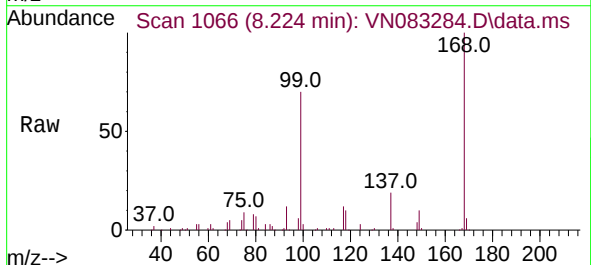


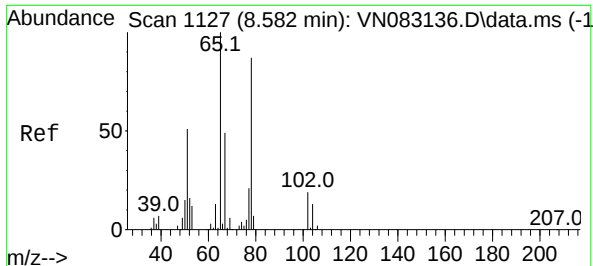
Tgt Ion:	84	Resp:	591
Ion	Ratio	Lower	Upper
84	100		
49	67.9	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

Tgt Ion:	56	Resp:	3588
Ion	Ratio	Lower	Upper
56	100		
69	165.2	24.5	36.7#
84	121.4	66.0	99.0#

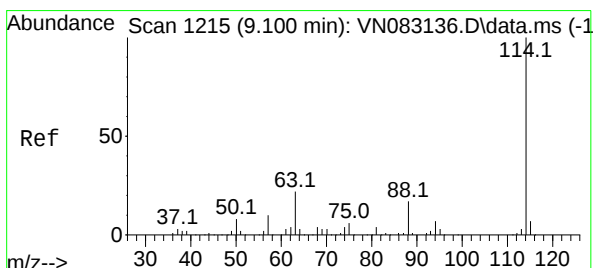
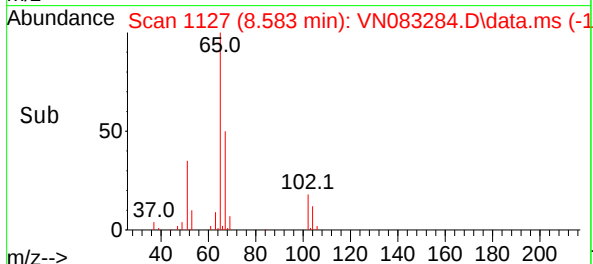
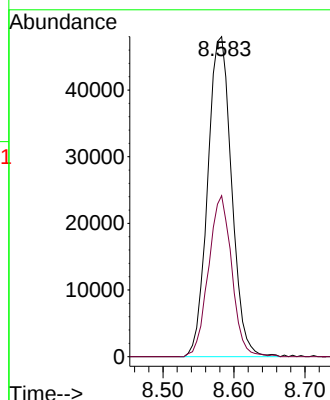
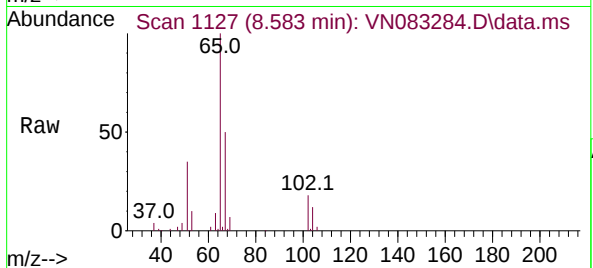




#33
1,2-Dichloroethane-d4
Concen: 56.752 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

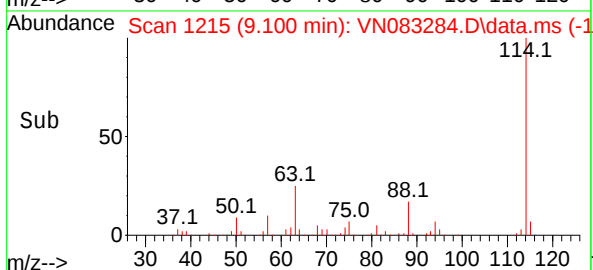
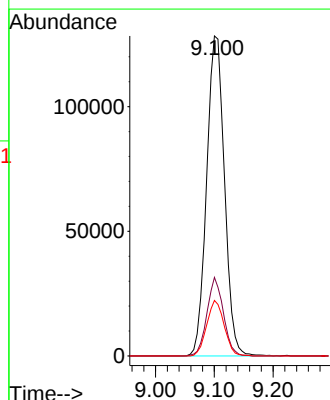
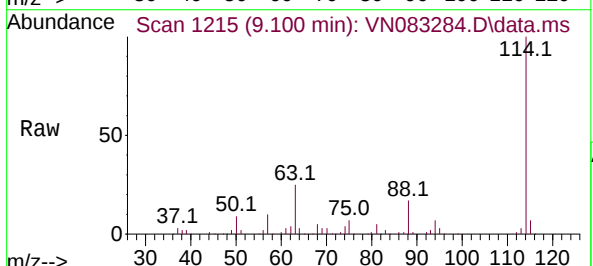
Instrument :
MSVOA_N
ClientSampleId :

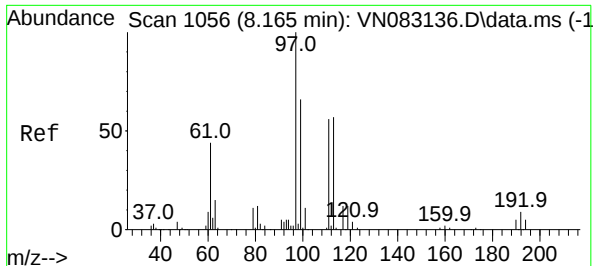
Tgt Ion: 65 Resp: 112204
Ion Ratio Lower Upper
65 100
67 48.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083284.D
Acq: 14 Aug 2024 07:40

Tgt Ion: 114 Resp: 271745
Ion Ratio Lower Upper
114 100
63 24.5 0.0 44.6
88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083284.D

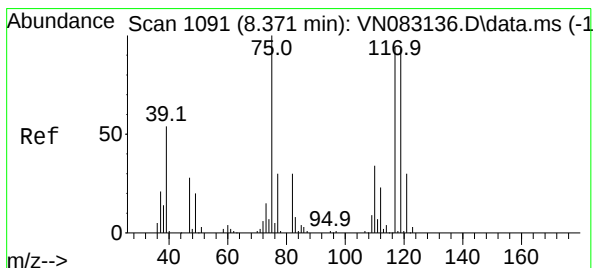
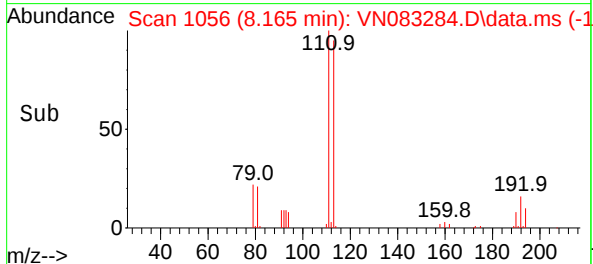
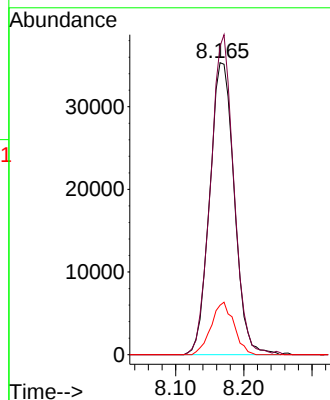
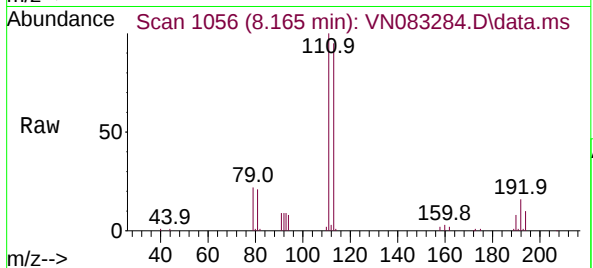
Acq: 14 Aug 2024 07:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	88634
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	16.7	14.9	22.3



#36

1,1-Dichloropropene

Concen: 5.033 ug/l

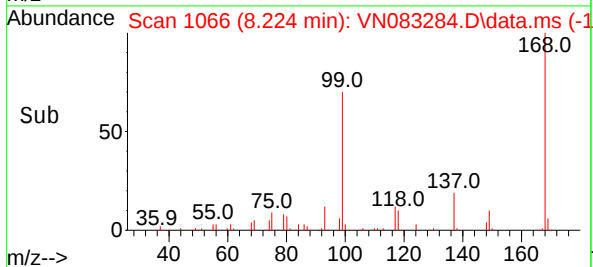
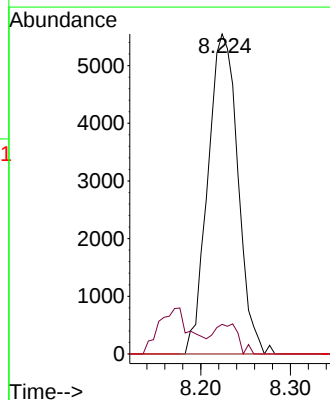
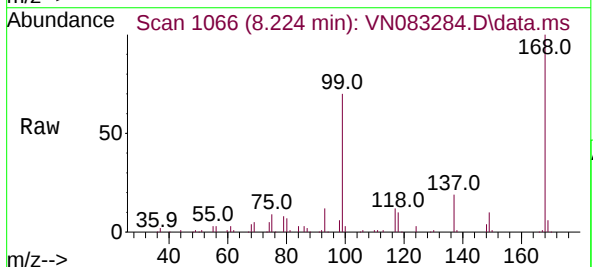
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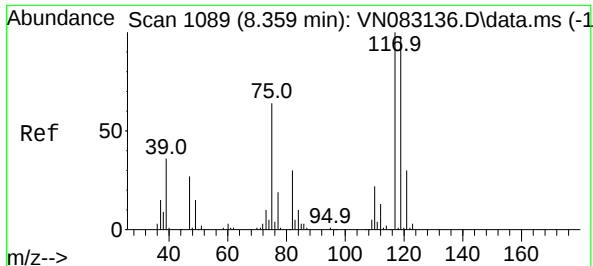
Delta R.T. -0.147 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Tgt Ion:	75	Resp:	12914
Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.3	48.9#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.549 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

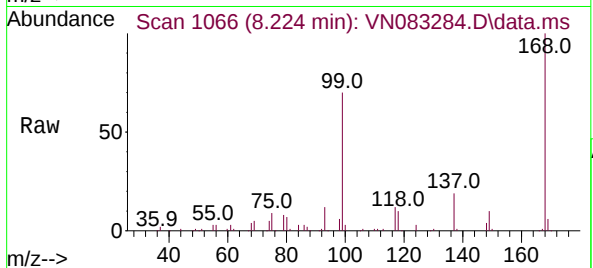
Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

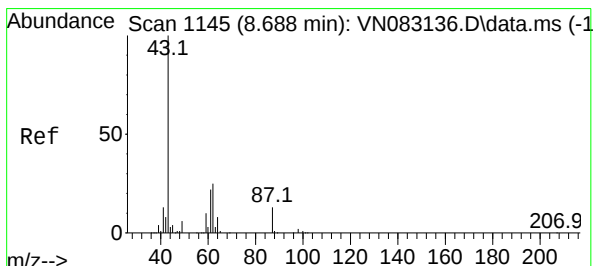
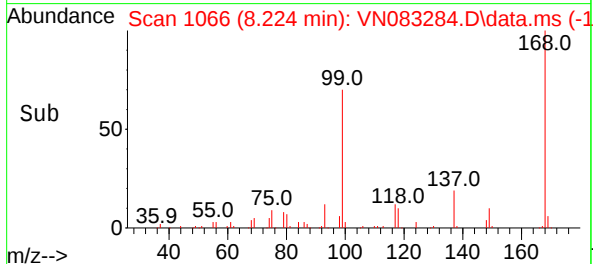
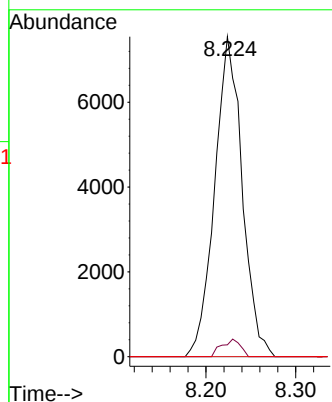
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	16037
Ion	Ratio	Lower	Upper
117	100		
119	3.7	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: Below Cal

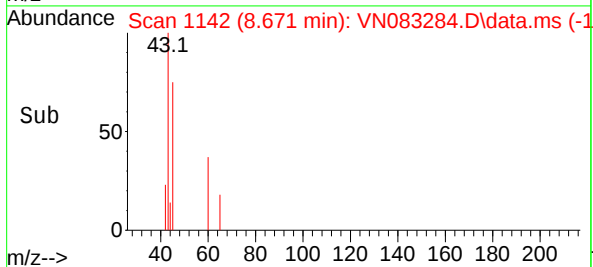
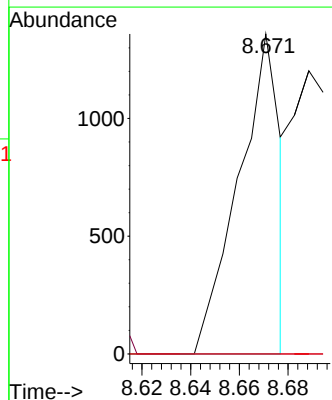
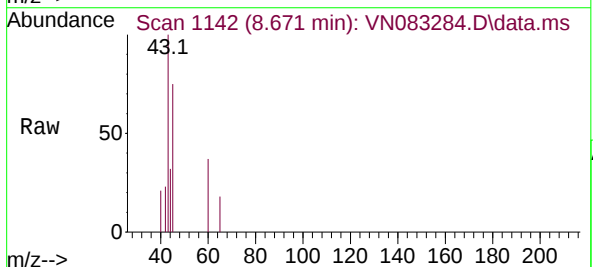
RT: 8.671 min Scan# 1142

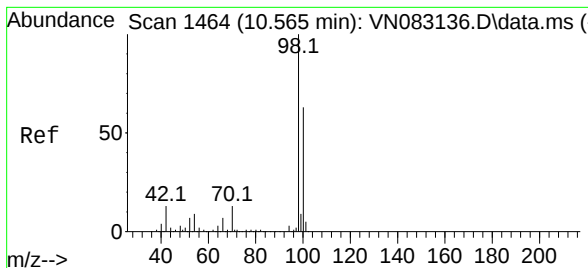
Delta R.T. -0.017 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Tgt Ion:	43	Resp:	1615
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#





#50

Toluene-d8

Concen: 53.284 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Instrument :

MSVOA_N

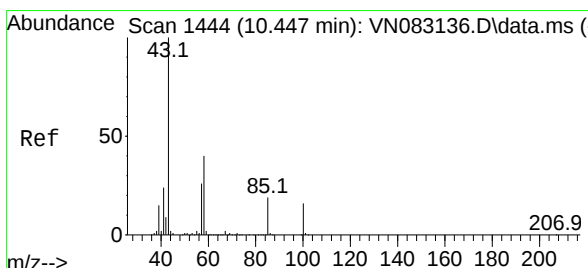
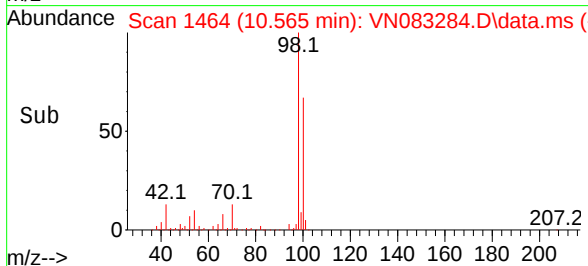
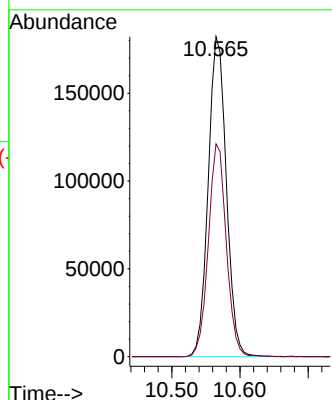
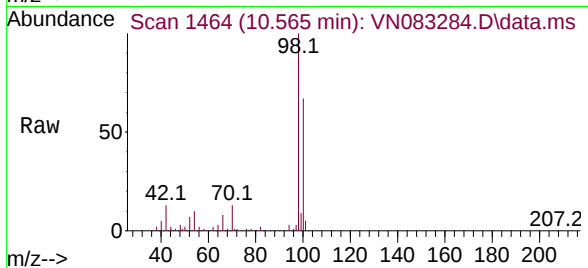
ClientSampleId :

Tgt Ion: 98 Resp: 337136

Ion Ratio Lower Upper

98 100

100 65.8 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.594 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083284.D

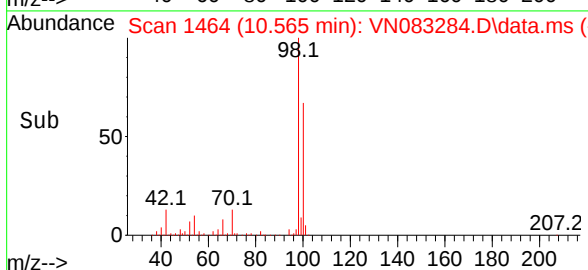
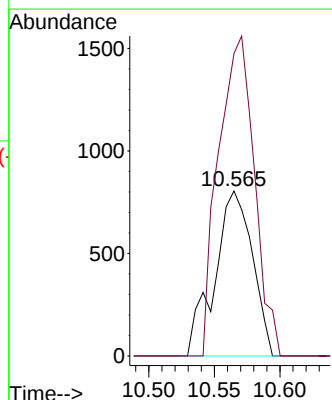
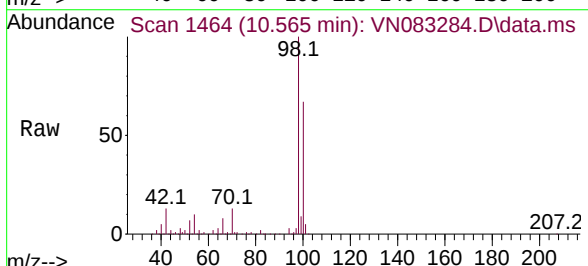
Acq: 14 Aug 2024 07:40

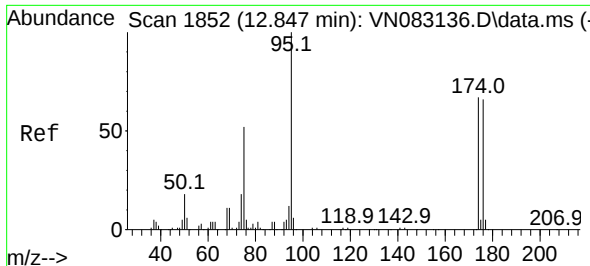
Tgt Ion: 43 Resp: 1615

Ion Ratio Lower Upper

43 100

58 184.0 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 55.834 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Instrument :

MSVOA_N

ClientSampleId :

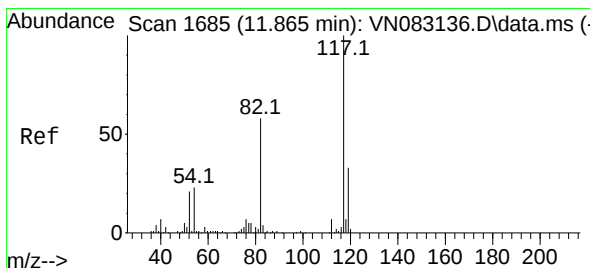
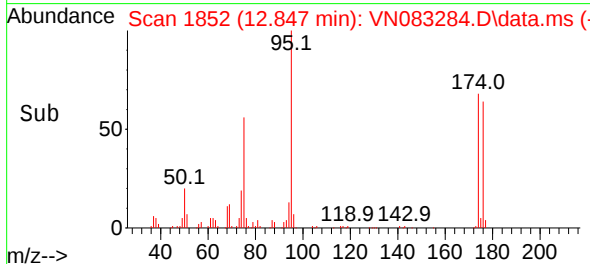
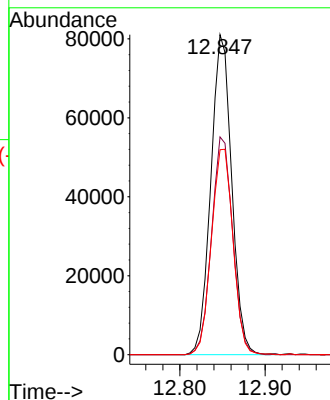
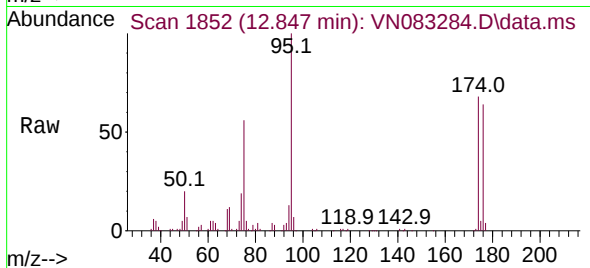
Tgt Ion: 95 Resp: 137725

Ion Ratio Lower Upper

95 100

174 68.8 0.0 159.2

176 66.7 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

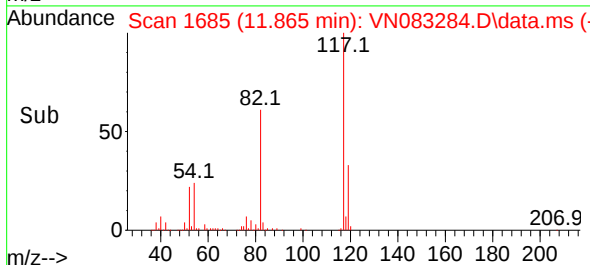
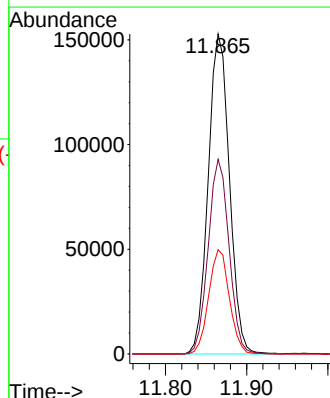
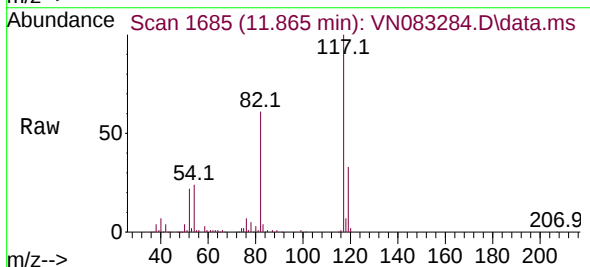
Tgt Ion:117 Resp: 276868

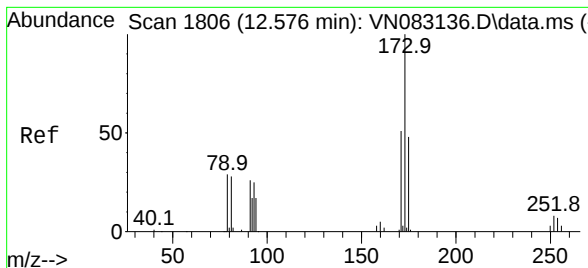
Ion Ratio Lower Upper

117 100

82 60.8 47.5 71.3

119 32.6 25.6 38.4





#71

Bromoform

Concen: 0.352 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Instrument :

MSVOA_N

ClientSampleId :

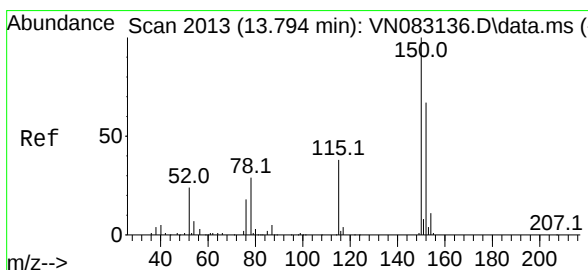
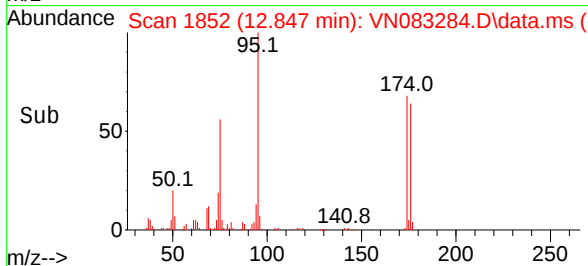
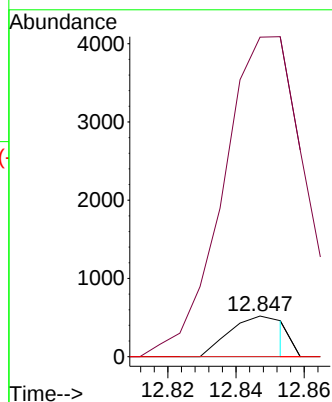
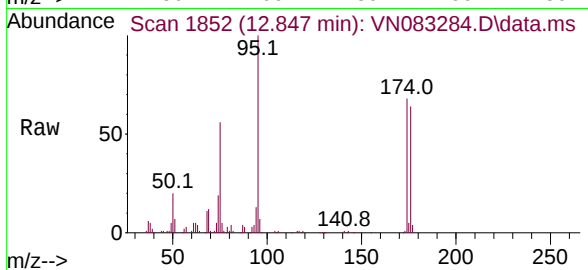
Tgt Ion:173 Resp: 576

Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

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. 0.000 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

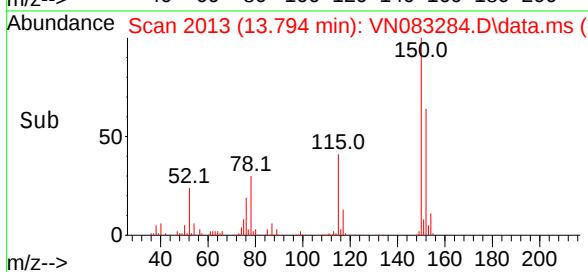
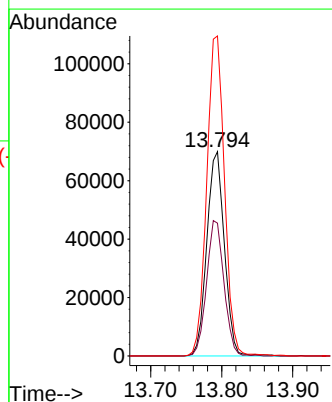
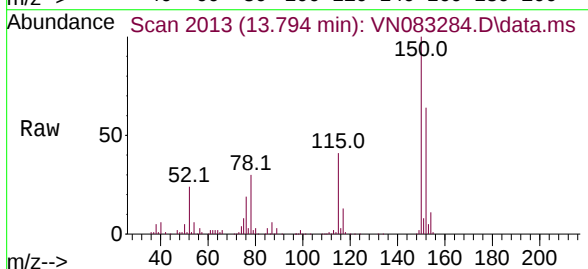
Tgt Ion:152 Resp: 120328

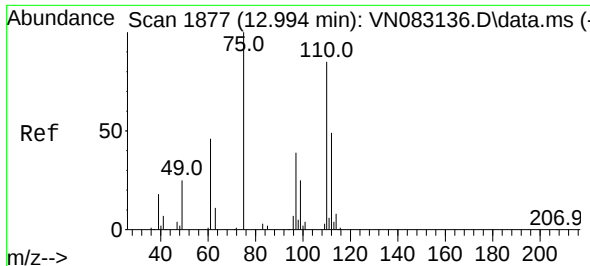
Ion Ratio Lower Upper

152 100

115 65.8 30.6 91.6

150 158.4 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 29.004 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Instrument :

MSVOA_N

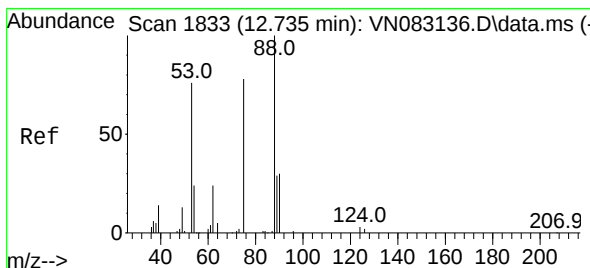
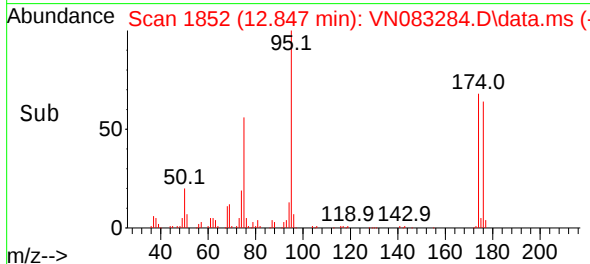
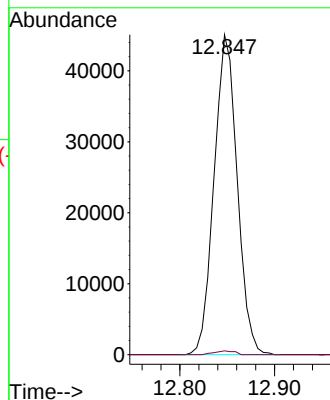
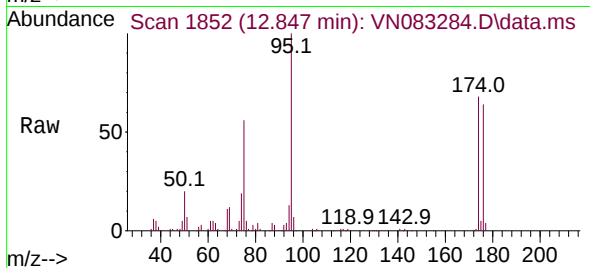
ClientSampleId :

Tgt Ion: 75 Resp: 76598

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.092 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083284.D

Acq: 14 Aug 2024 07:40

Tgt Ion: 75 Resp: 76598

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

