

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083310.D
 Acq On : 14 Aug 2024 18:54
 Operator : JC\MD
 Sample : P3596-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:25:28 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	122884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	242531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107123	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	103826	59.359	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.720%	
35) Dibromofluoromethane	8.165	113	82691	54.624	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.240%	
50) Toluene-d8	10.565	98	306748	54.321	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.640%	
62) 4-Bromofluorobenzene	12.847	95	123207	55.965	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	111.940%	

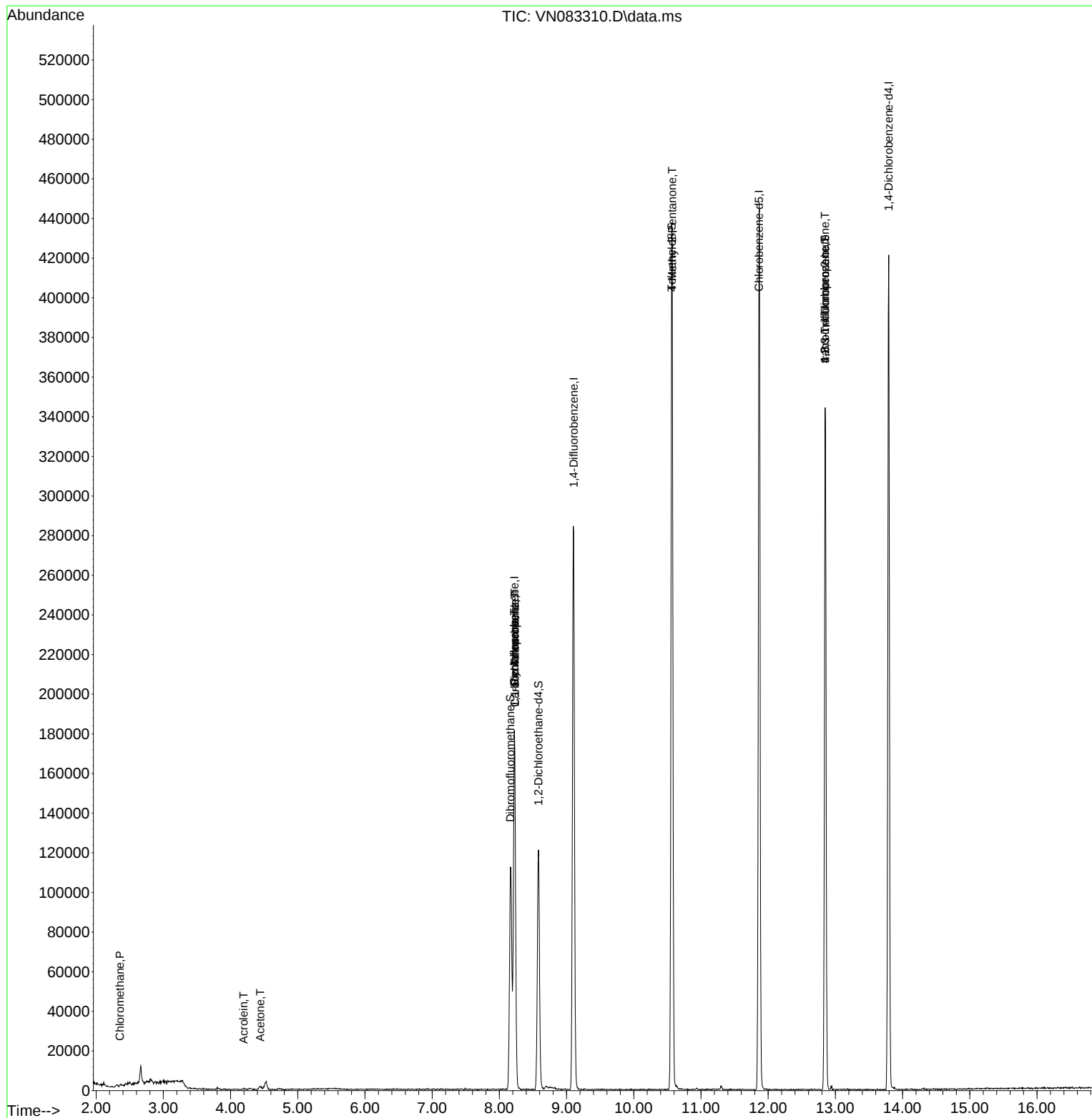
Target Compounds					Qvalue	
3) Chloromethane	2.354	50	795	0.557	ug/l #	43
13) Acrolein	4.195	56	385	1.625	ug/l #	83
16) Acetone	4.442	43	3512	5.131	ug/l	96
31) Cyclohexane	8.224	56	3081	1.189	ug/l #	7
36) 1,1-Dichloropropene	8.230	75	11253	4.914	ug/l #	52
38) Carbon Tetrachloride	8.230	117	13945	5.407	ug/l #	17
43) Isopropyl Acetate	8.706	43	1538	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1690	0.697	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66899	28.455	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66899	61.895	ug/l #	6

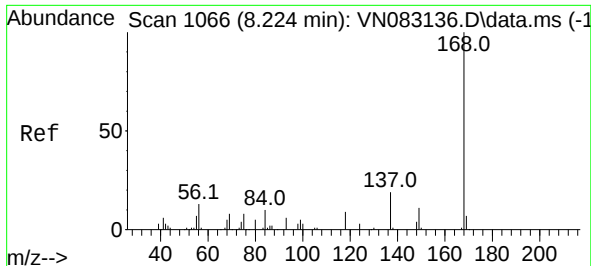
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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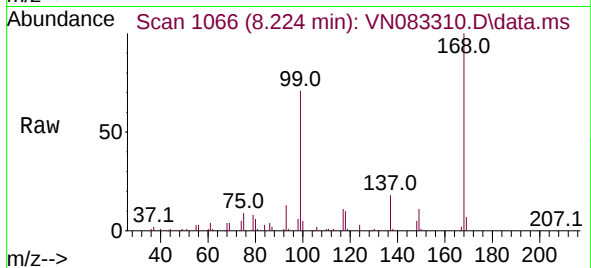
Quant Time: Aug 14 23:25:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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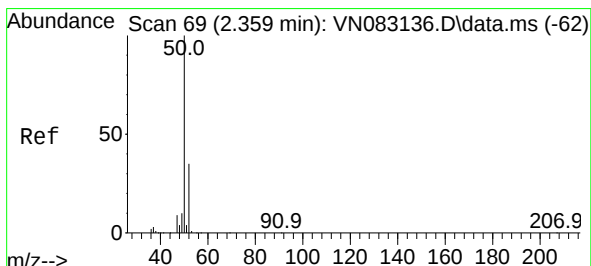
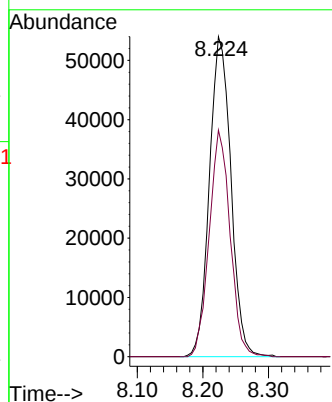
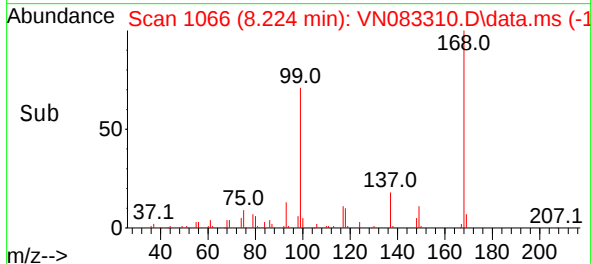


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083310.D
Acq: 14 Aug 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

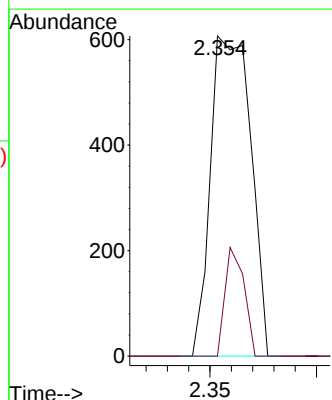
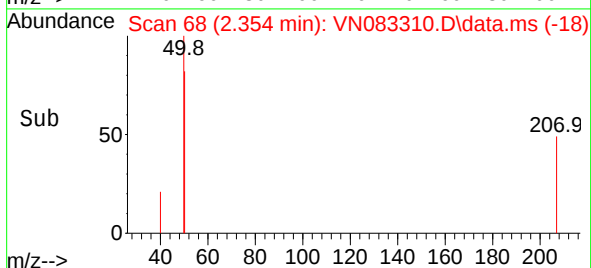
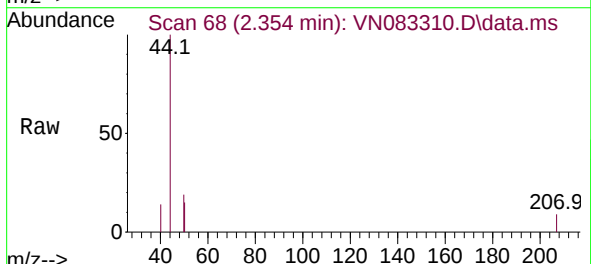


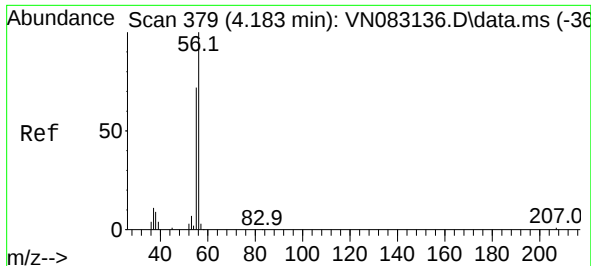
Tgt Ion:168 Resp: 122884
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.4



#3
Chloromethane
Concen: 0.557 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083310.D
Acq: 14 Aug 2024 18:54

Tgt Ion: 50 Resp: 795
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 1.625 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.012 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Instrument :

MSVOA_N

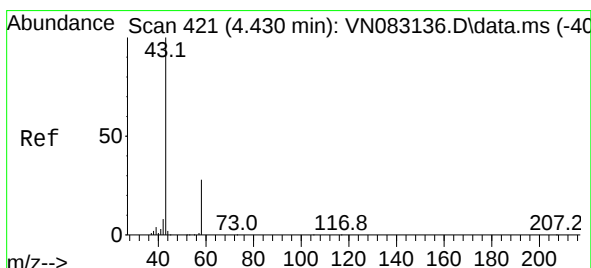
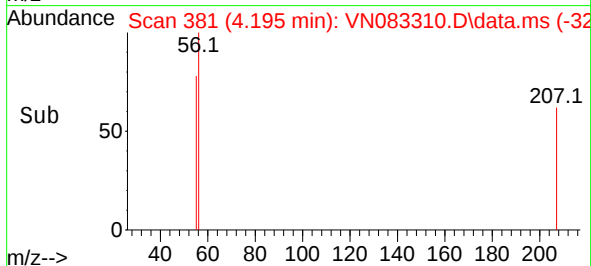
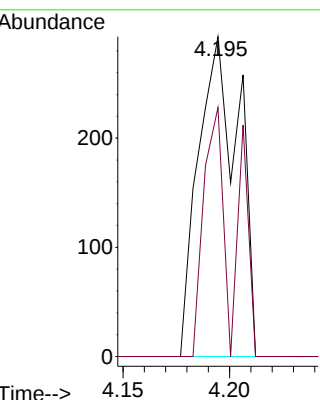
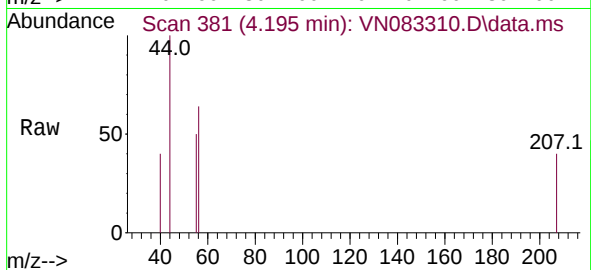
ClientSampleId :

Tgt Ion: 56 Resp: 385

Ion Ratio Lower Upper

56 100

55 56.4 56.4 84.6#



#16

Acetone

Concen: 5.131 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083310.D

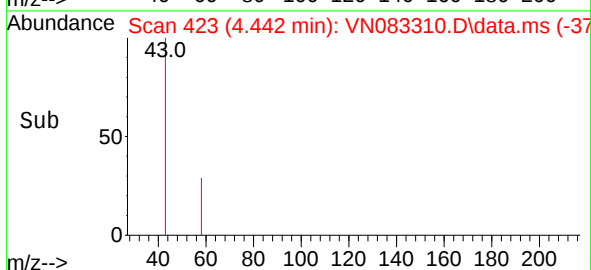
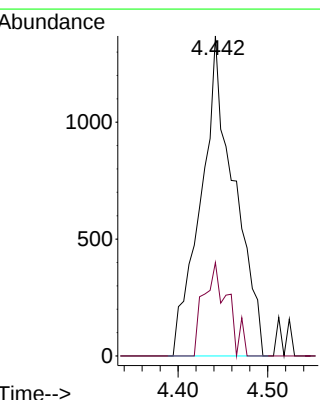
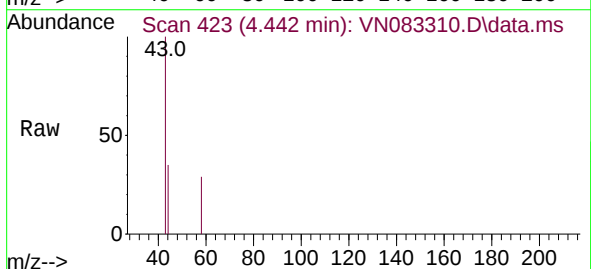
Acq: 14 Aug 2024 18:54

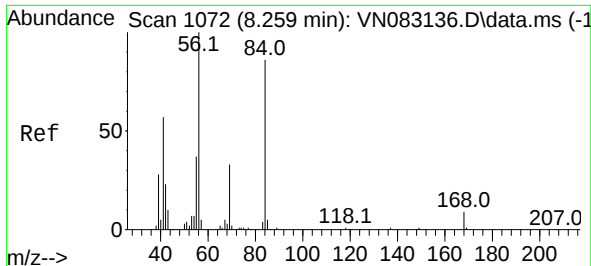
Tgt Ion: 43 Resp: 3512

Ion Ratio Lower Upper

43 100

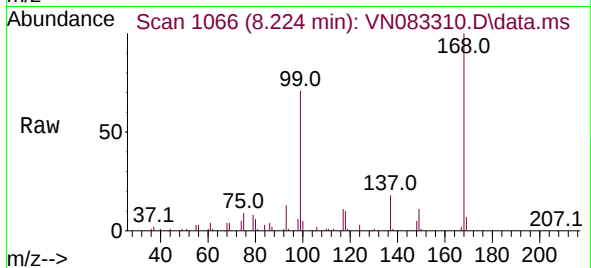
58 29.2 21.8 32.6



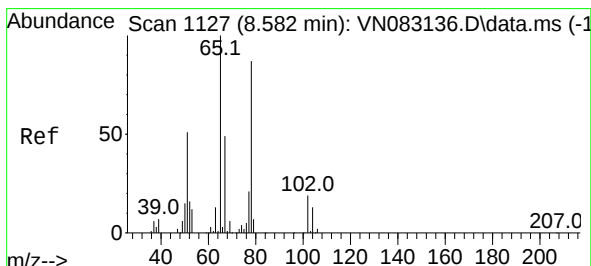
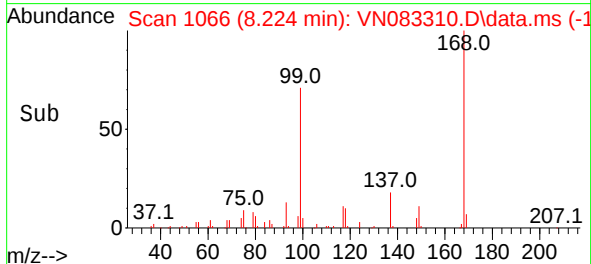
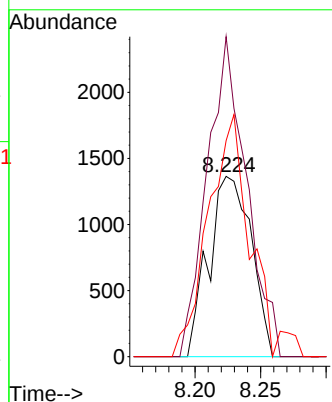


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083310.D
Acq: 14 Aug 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :

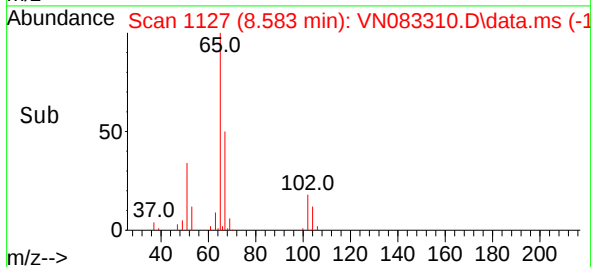
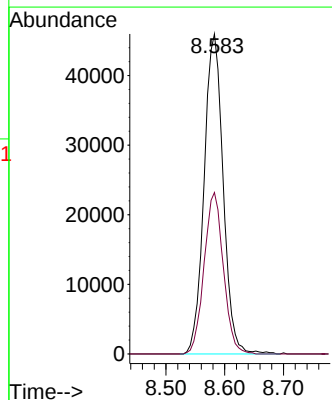
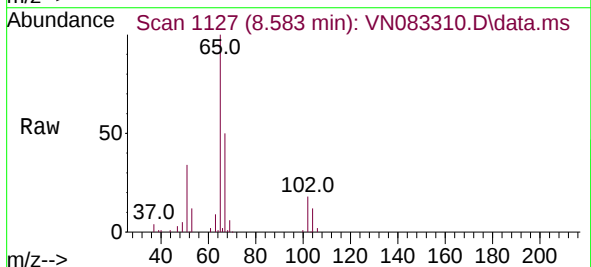


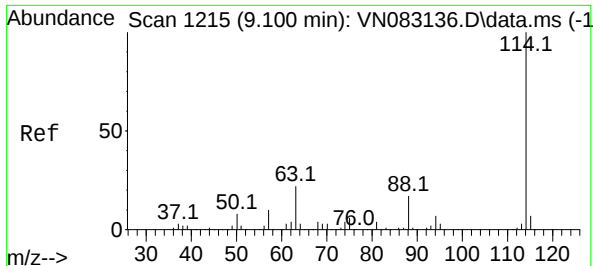
Tgt Ion: 56 Resp: 3081
Ion Ratio Lower Upper
56 100
69 177.5 24.5 36.7#
84 107.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.359 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083310.D
Acq: 14 Aug 2024 18:54

Tgt Ion: 65 Resp: 103826
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

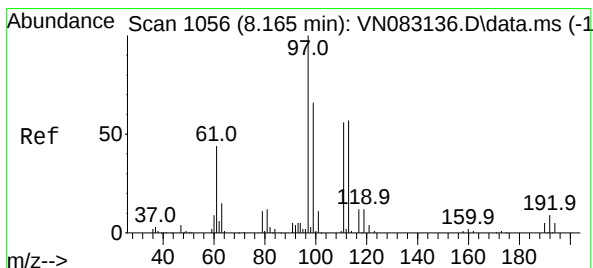
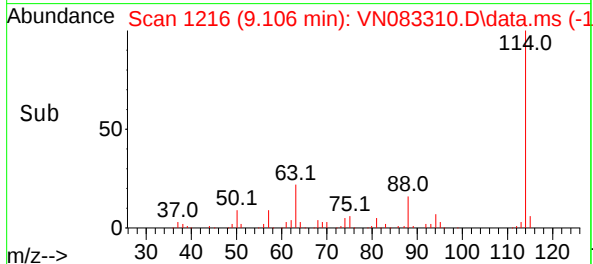
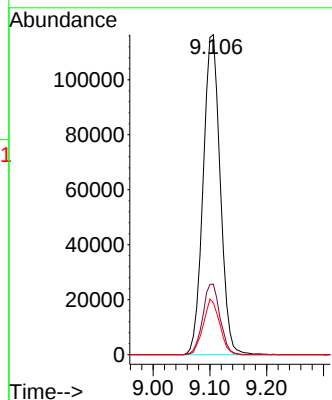
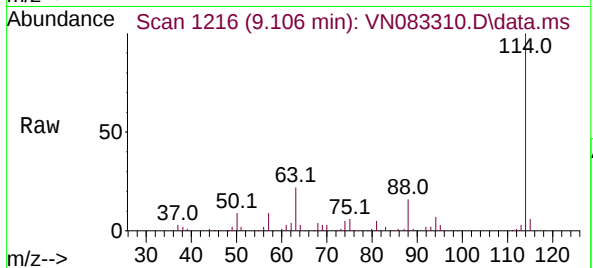




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN083310.D
Acq: 14 Aug 2024 18:54

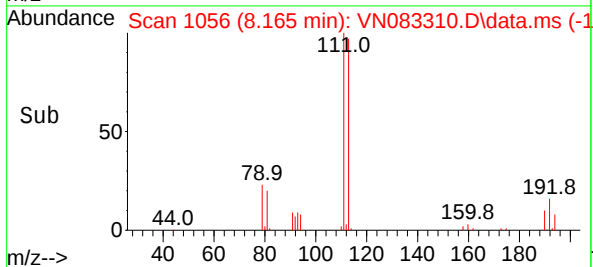
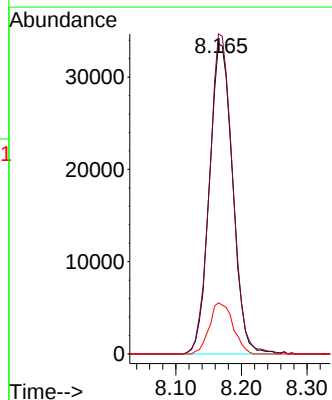
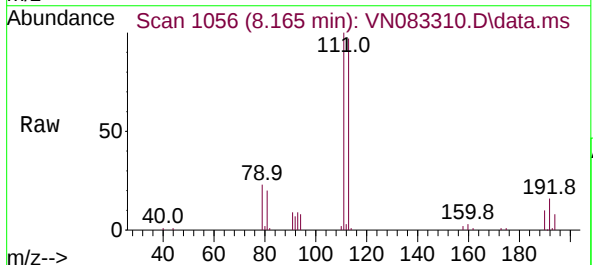
Instrument :
MSVOA_N
ClientSampleId :

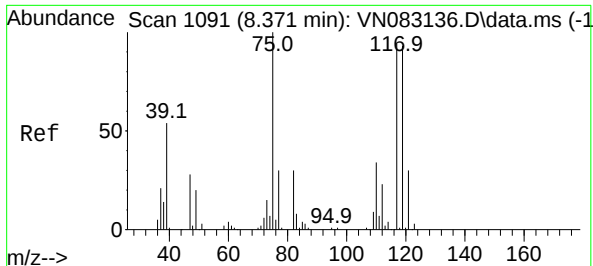
Tgt Ion:114 Resp: 242531
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.624 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083310.D
Acq: 14 Aug 2024 18:54

Tgt Ion:113 Resp: 82691
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 16.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.914 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN083310.D

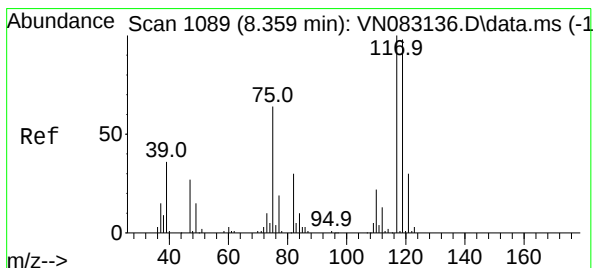
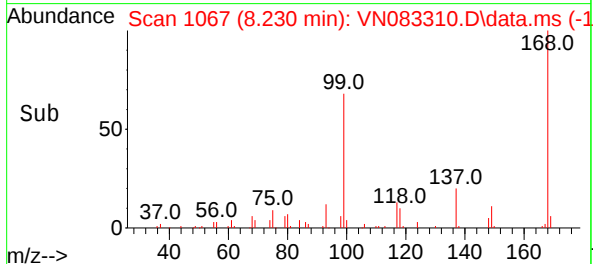
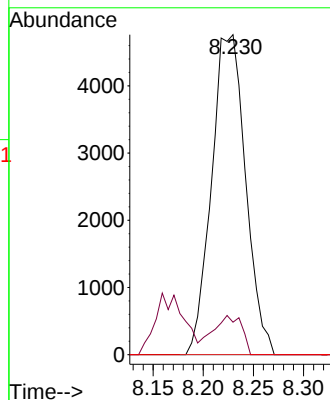
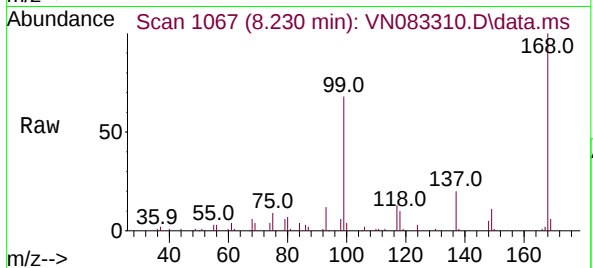
Acq: 14 Aug 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11253
Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.407 ug/l

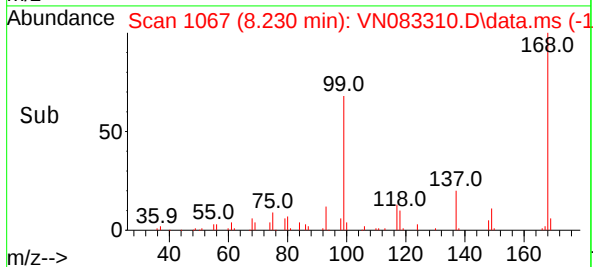
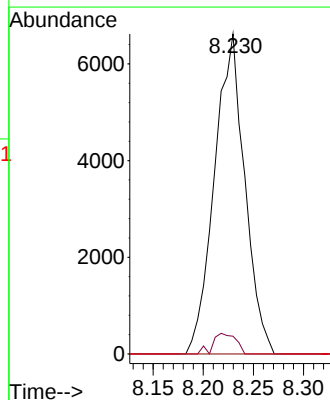
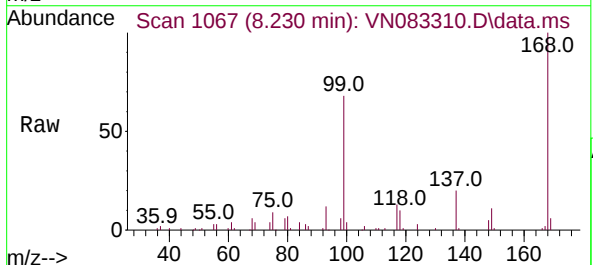
RT: 8.230 min Scan# 1067

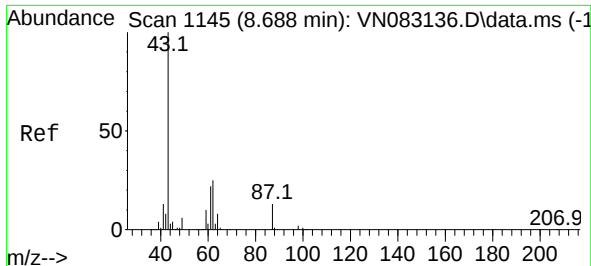
Delta R.T. -0.129 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Tgt Ion:	117	Resp:	13945
Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.706 min Scan# 1148

Delta R.T. 0.018 min

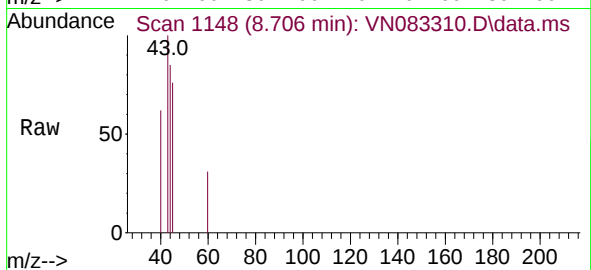
Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :



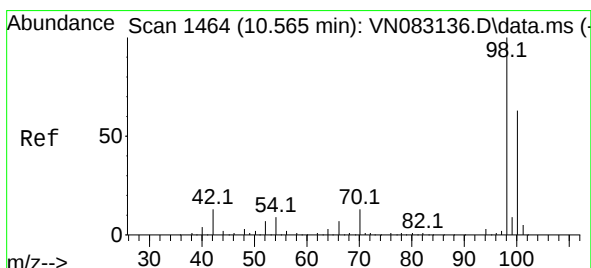
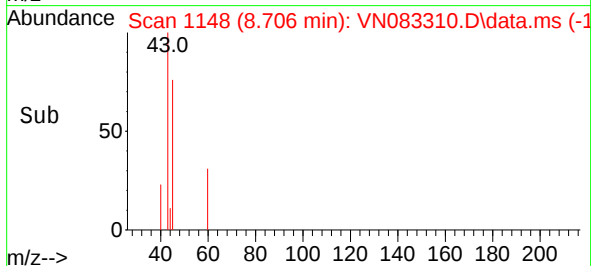
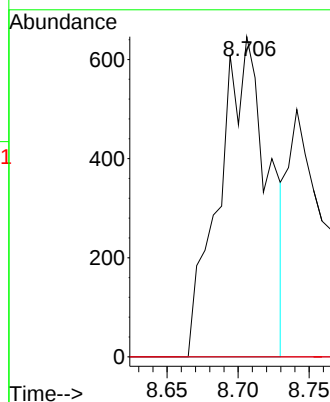
Tgt Ion: 43 Resp: 1538

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 54.321 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083310.D

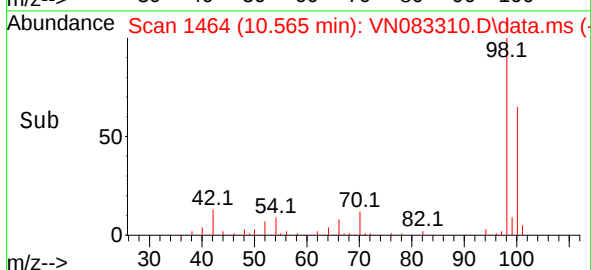
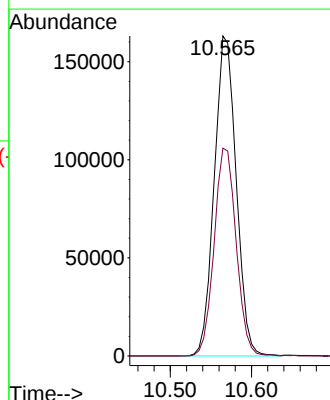
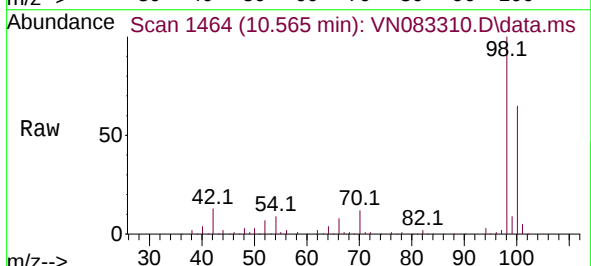
Acq: 14 Aug 2024 18:54

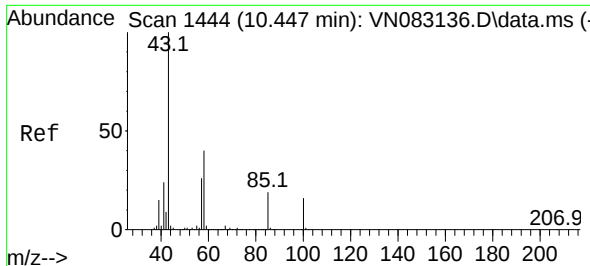
Tgt Ion: 98 Resp: 306748

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.697 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.124 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Instrument :

MSVOA_N

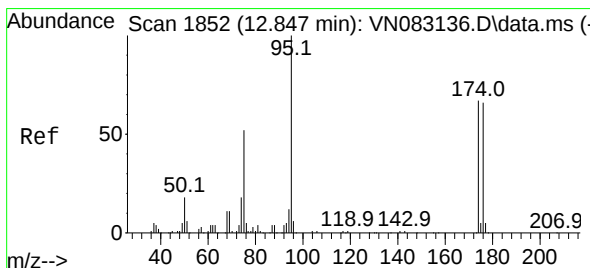
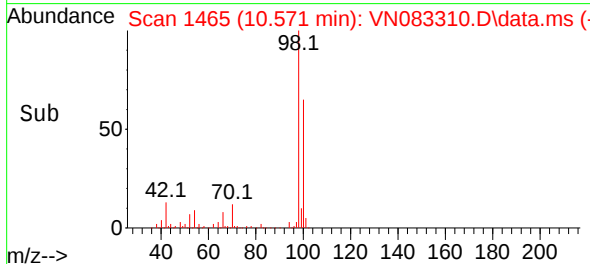
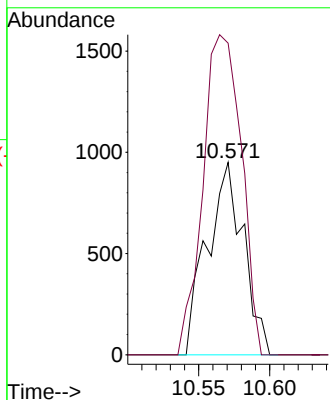
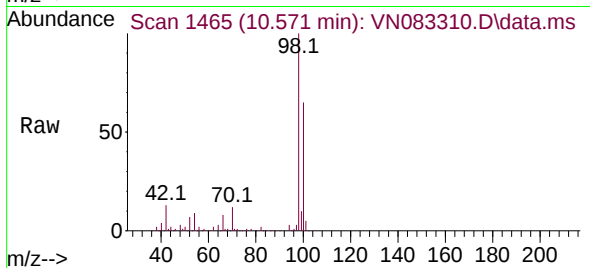
ClientSampleId :

Tgt Ion: 43 Resp: 1690

Ion Ratio Lower Upper

43 100

58 176.3 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 55.965 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

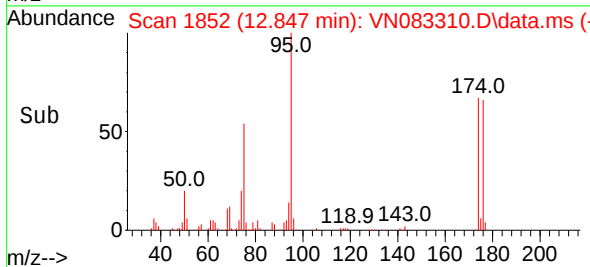
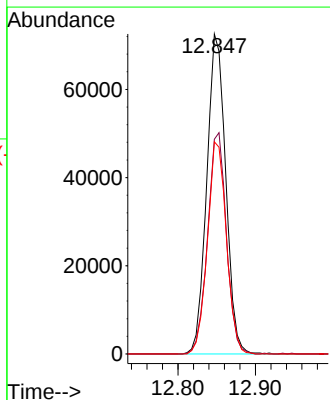
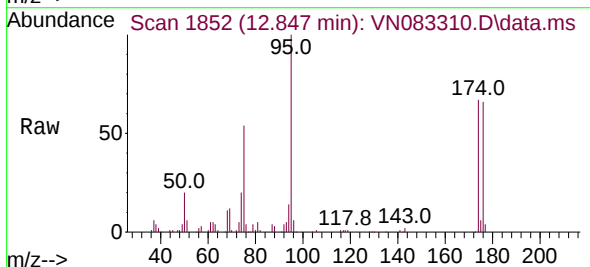
Tgt Ion: 95 Resp: 123207

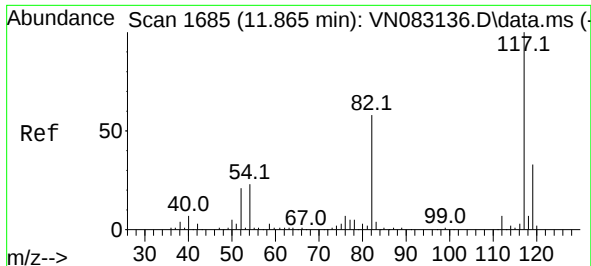
Ion Ratio Lower Upper

95 100

174 68.6 0.0 159.2

176 66.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

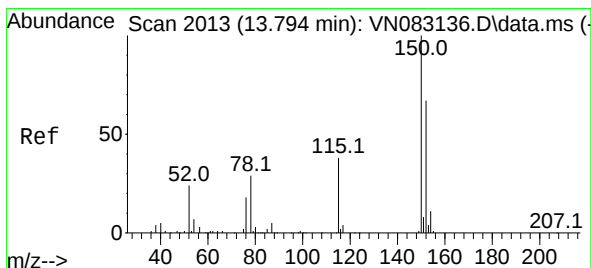
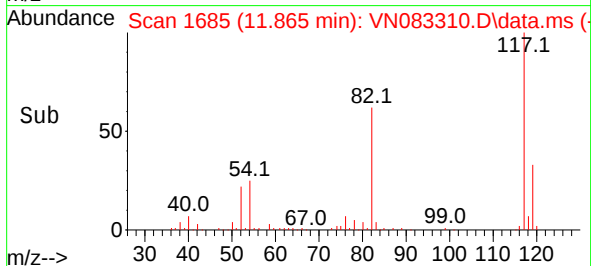
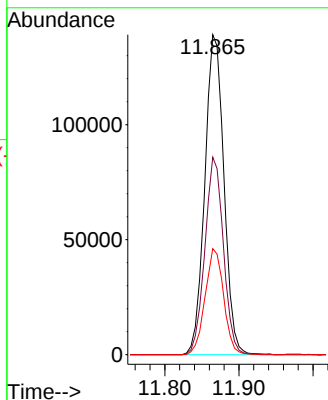
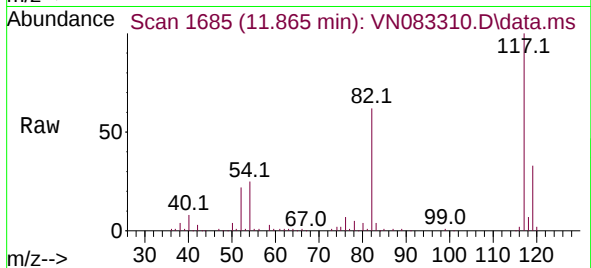
Tgt Ion:117 Resp: 248913

Ion Ratio Lower Upper

117 100

82 61.7 47.5 71.3

119 33.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

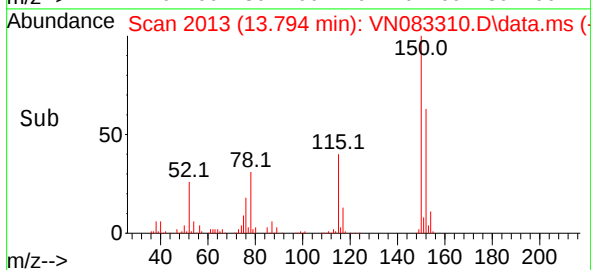
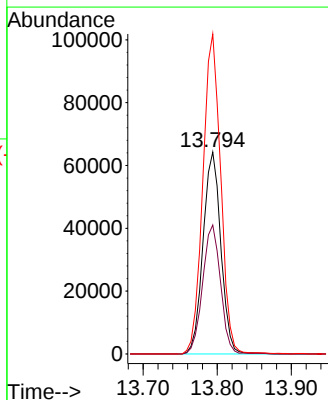
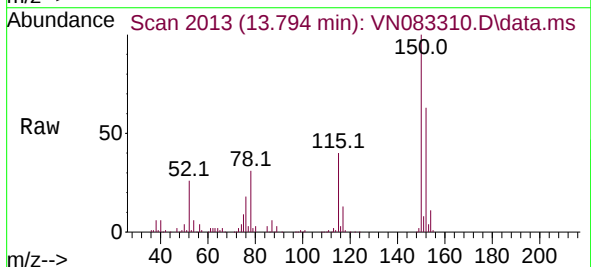
Tgt Ion:152 Resp: 107123

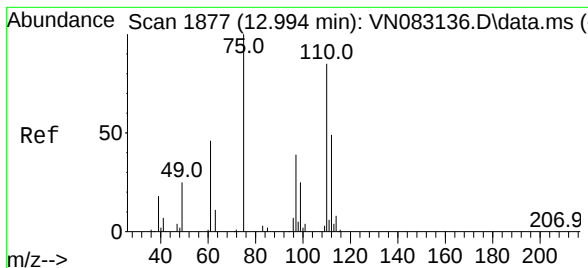
Ion Ratio Lower Upper

152 100

115 64.0 30.6 91.6

150 158.7 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.455 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.147 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Instrument :

MSVOA_N

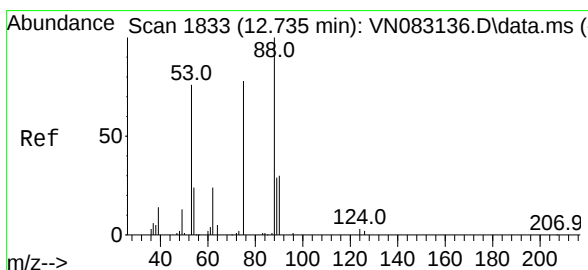
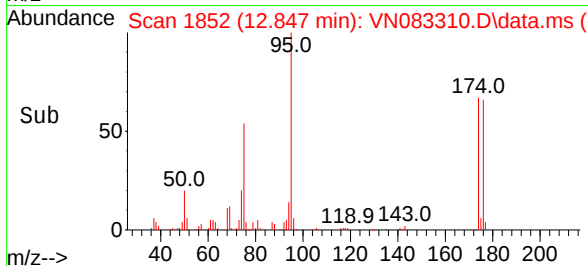
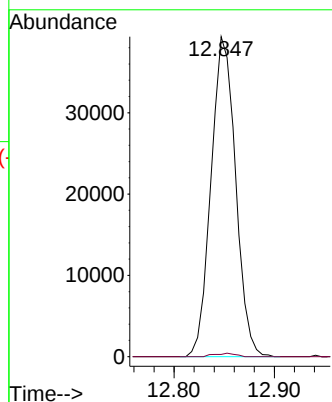
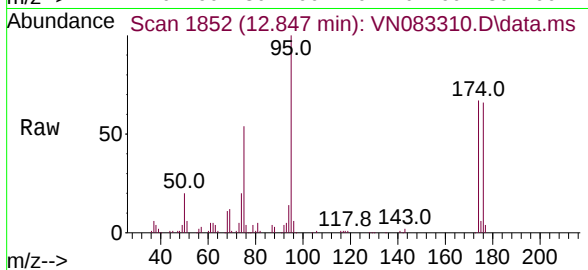
ClientSampleId :

Tgt Ion: 75 Resp: 66899

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.895 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083310.D

Acq: 14 Aug 2024 18:54

Tgt Ion: 75 Resp: 66899

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

