

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083307.D
 Acq On : 14 Aug 2024 17:41
 Operator : JC\MD
 Sample : P3596-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:24:27 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	8.230	168	129051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104865	57.088	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.180%	
35) Dibromofluoromethane	8.165	113	83903	53.793	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.580%	
50) Toluene-d8	10.565	98	311573	53.551	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	107.100%	
62) 4-Bromofluorobenzene	12.847	95	127656	56.279	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	112.560%	

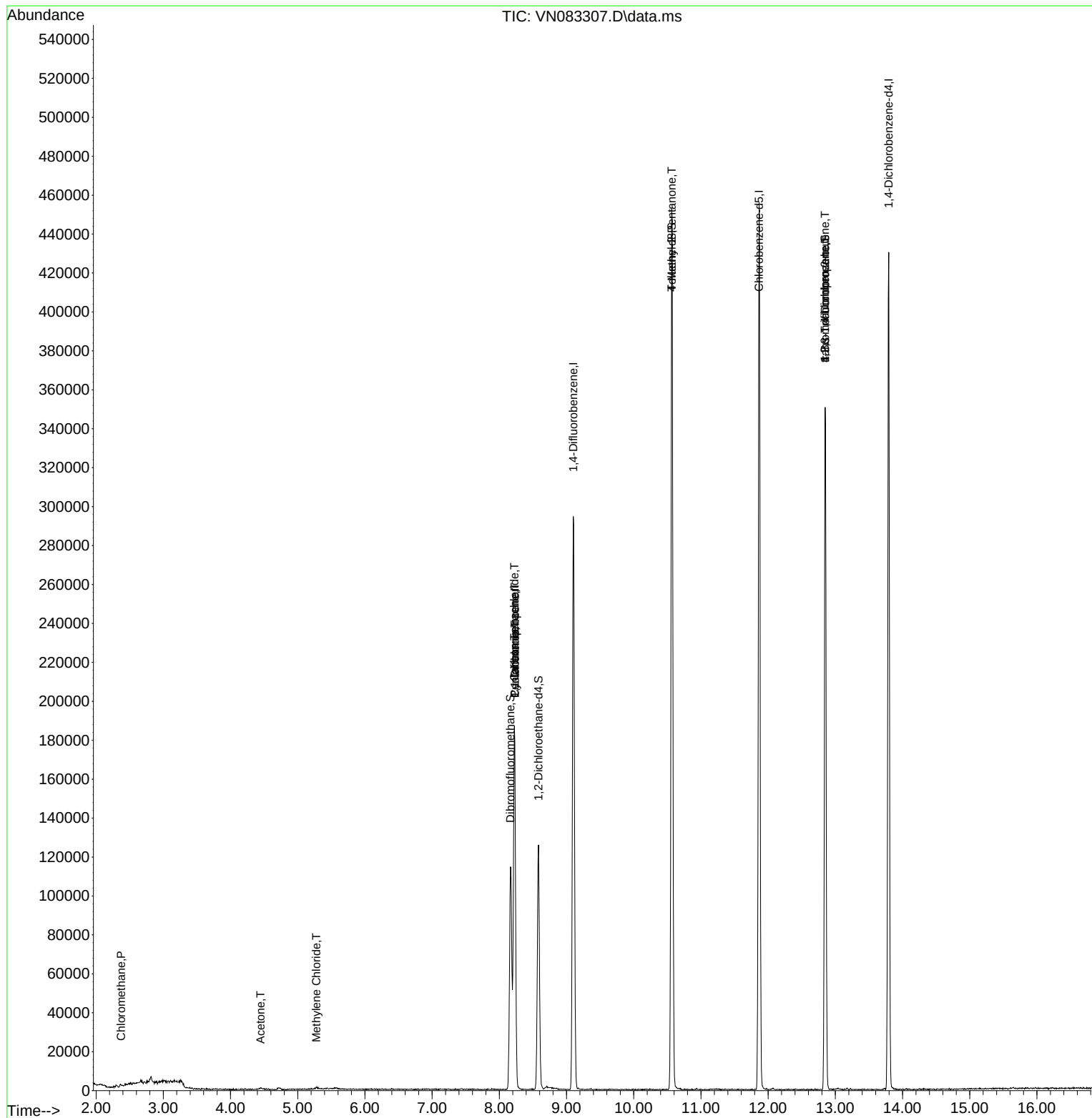
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	1065	0.711	ug/l	98
16) Acetone	4.448	43	1530	2.129	ug/l #	79
20) Methylene Chloride	5.277	84	506	0.306	ug/l #	43
31) Cyclohexane	8.230	56	3190	1.172	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	11760	4.984	ug/l #	50
38) Carbon Tetrachloride	8.224	117	15109	5.685	ug/l #	15
43) Isopropyl Acetate	8.718	43	1651	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1538	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70244	28.980	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70244	63.038	ug/l #	6

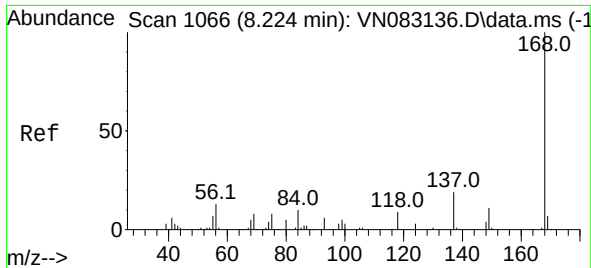
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

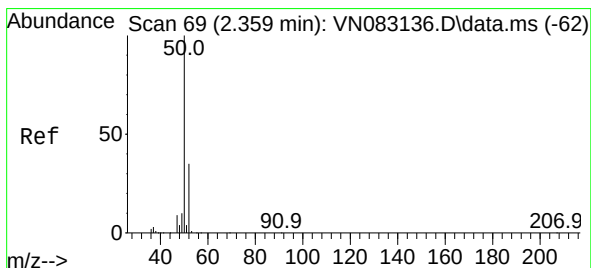
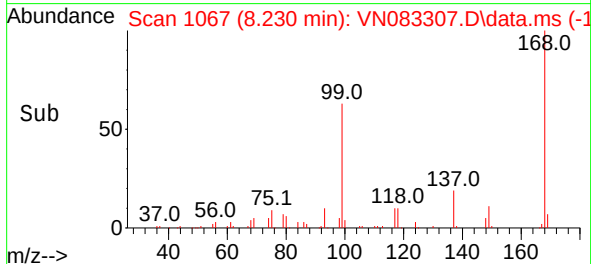
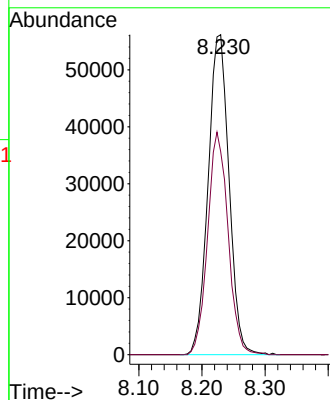
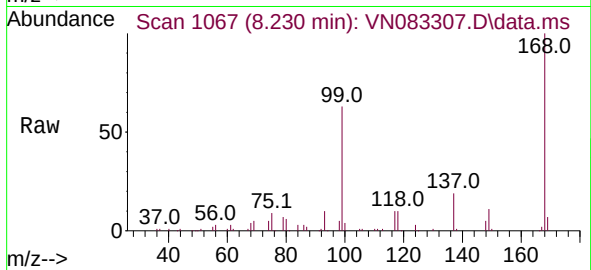




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

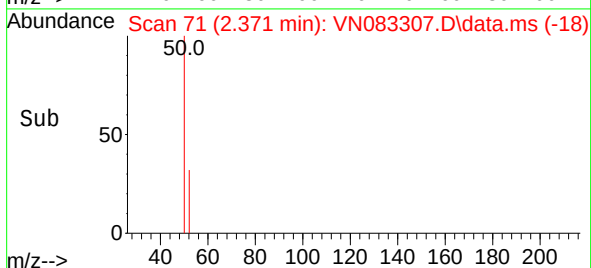
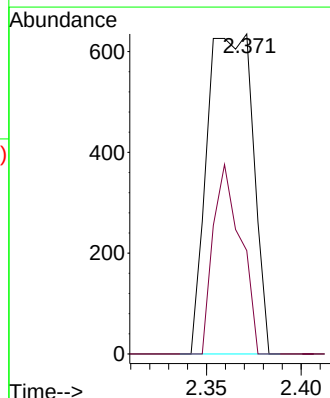
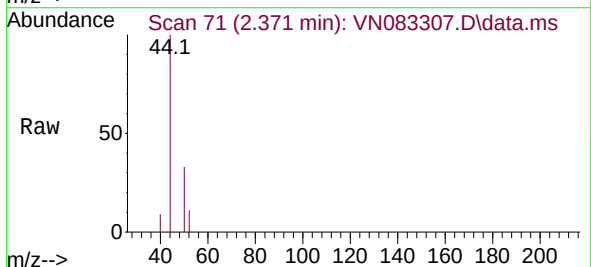
Instrument :
MSVOA_N
ClientSampleId :

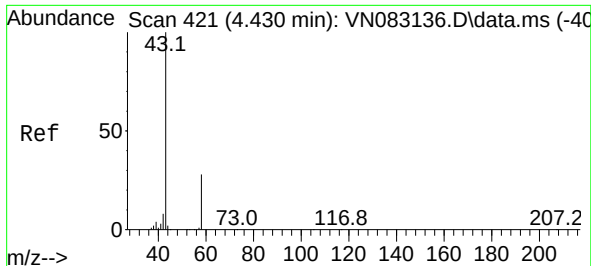
Tgt Ion:168 Resp: 129051
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#3
Chloromethane
Concen: 0.711 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

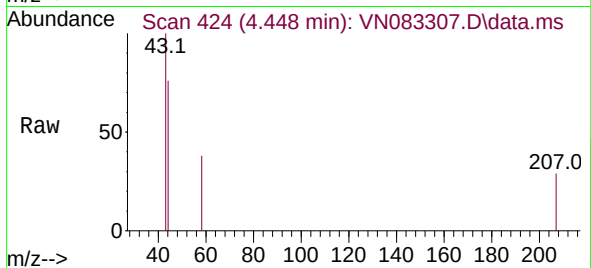
Tgt Ion: 50 Resp: 1065
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4



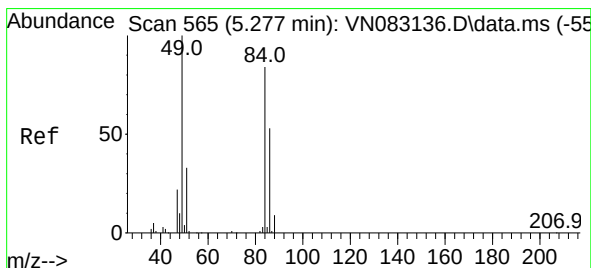
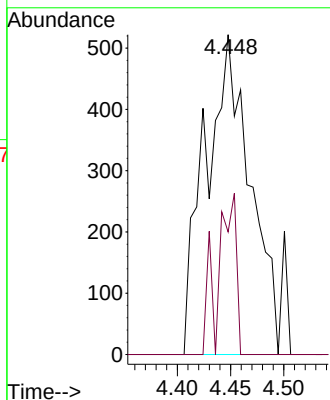
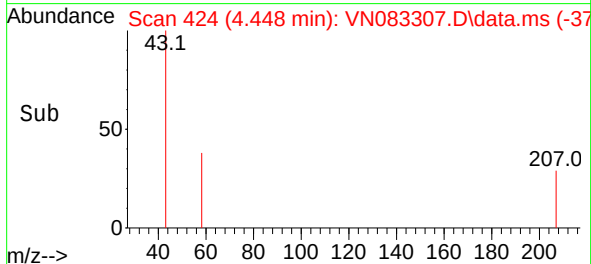


#16
Acetone
Concen: 2.129 ug/l
RT: 4.448 min Scan# 421
Delta R.T. 0.018 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

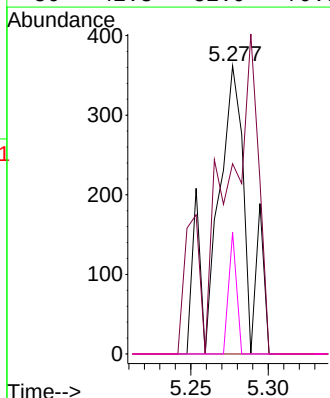
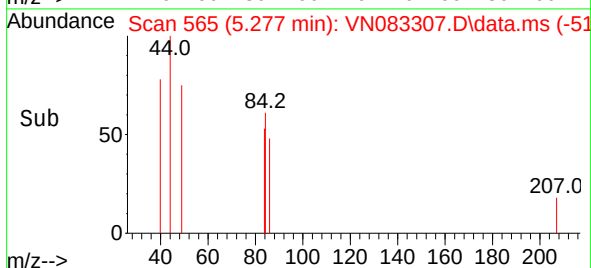
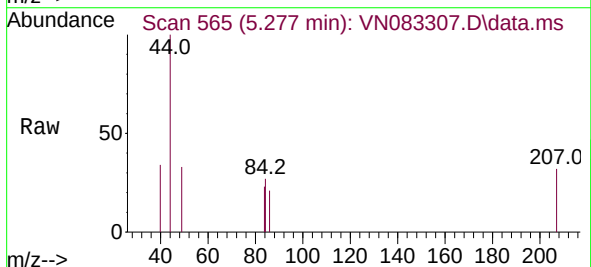


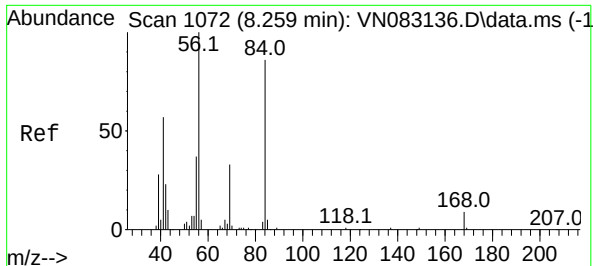
Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 38.3 21.8 32.6#



#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

Tgt Ion: 84 Resp: 506
Ion Ratio Lower Upper
84 100
49 66.0 119.6 179.4#
51 0.0 34.8 52.2#
86 42.3 52.9 79.3#





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.029 min

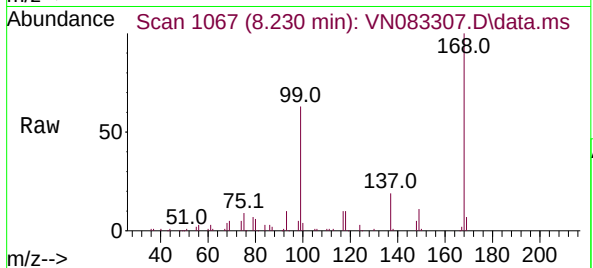
Lab File: VN083307.D

Acq: 14 Aug 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :



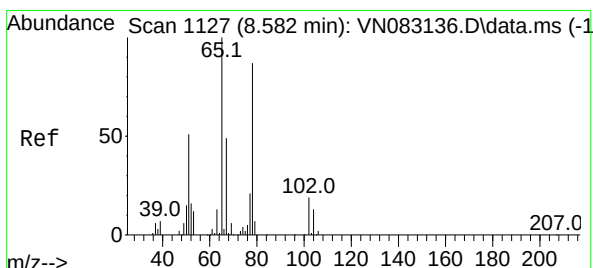
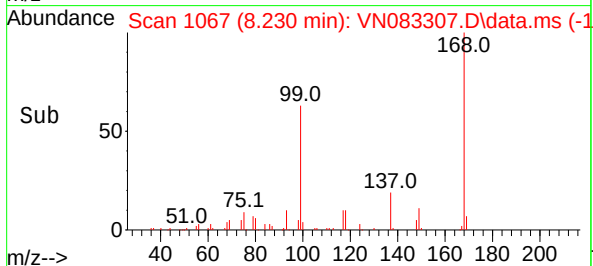
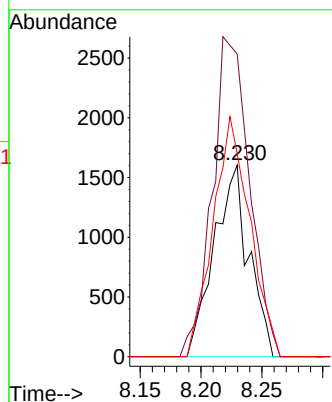
Tgt Ion: 56 Resp: 3190

Ion Ratio Lower Upper

56 100

69 158.0 24.5 36.7#

84 106.1 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 57.088 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083307.D

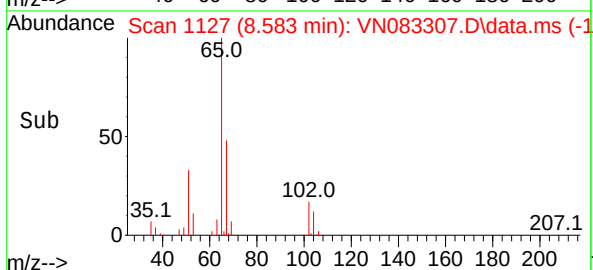
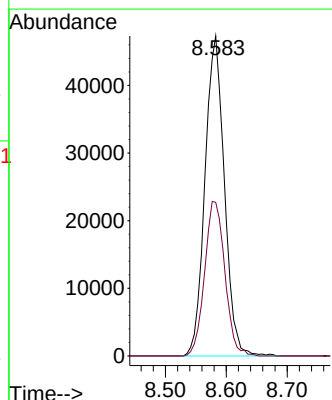
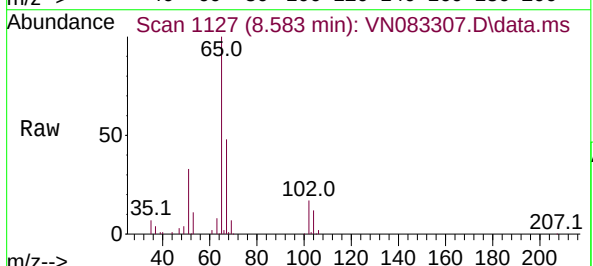
Acq: 14 Aug 2024 17:41

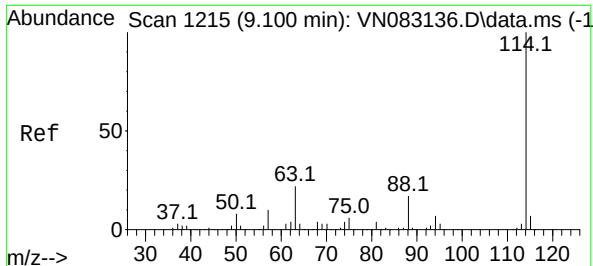
Tgt Ion: 65 Resp: 104865

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4

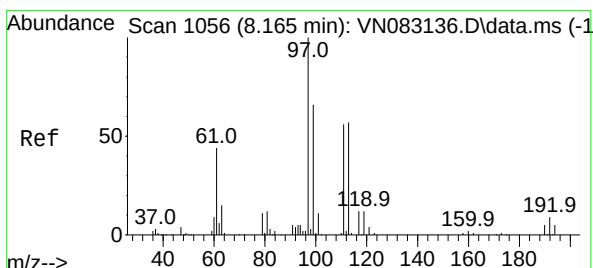
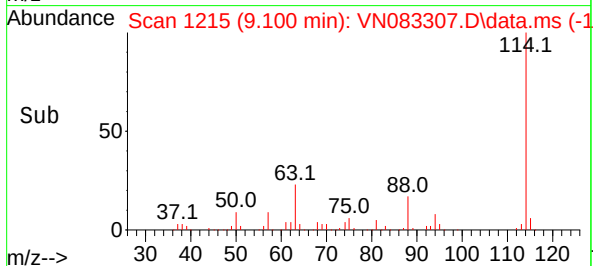
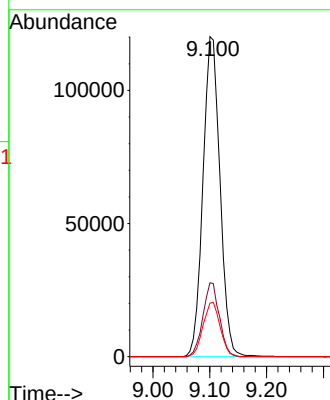
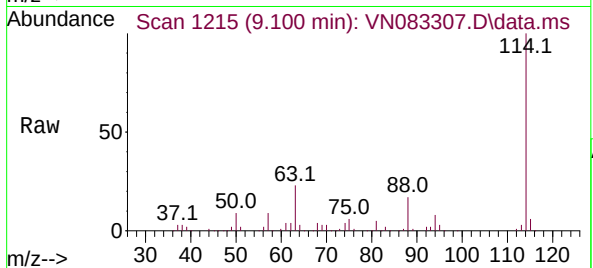




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

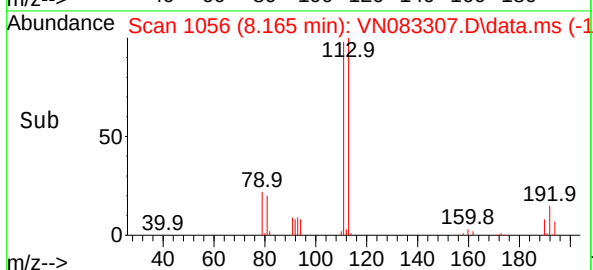
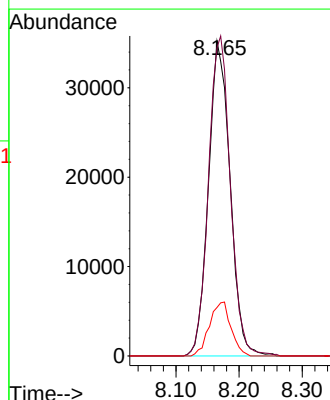
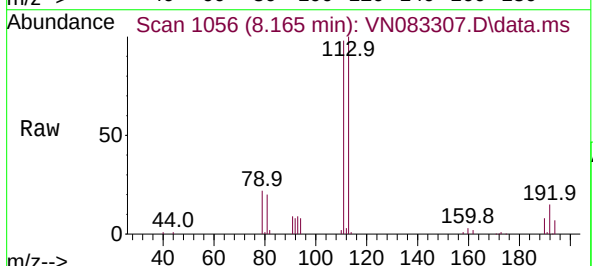
Instrument :
MSVOA_N
ClientSampleId :

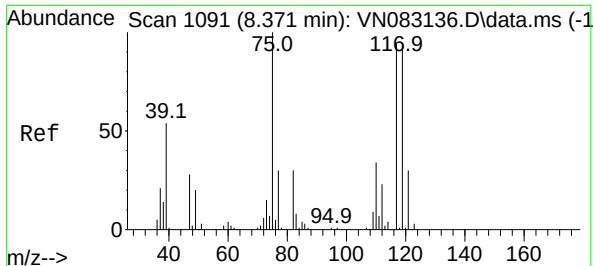
Tgt Ion:114 Resp: 249888
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.793 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

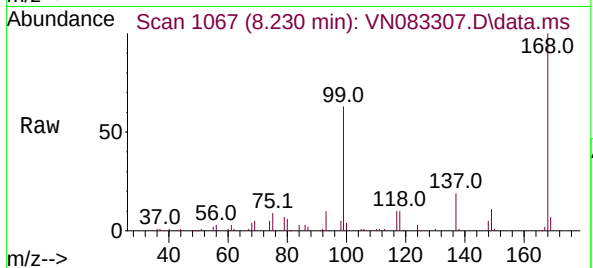
Tgt Ion:113 Resp: 83903
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.0 14.9 22.3



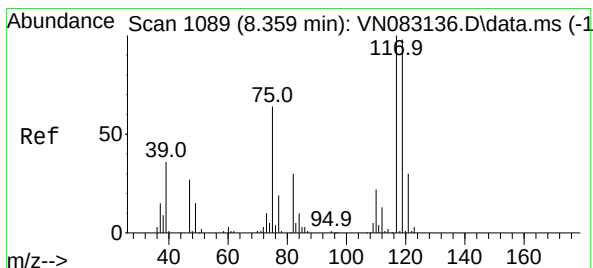
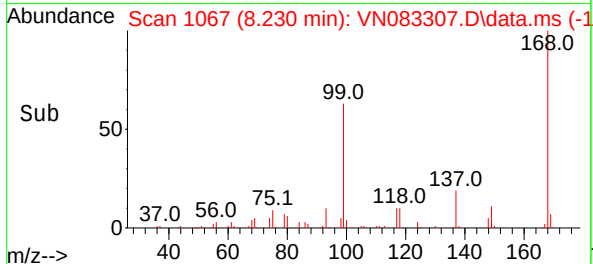
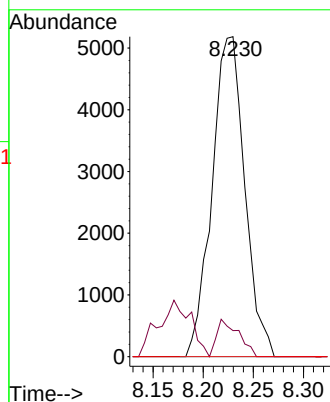


#36
1,1-Dichloropropene
Concen: 4.984 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

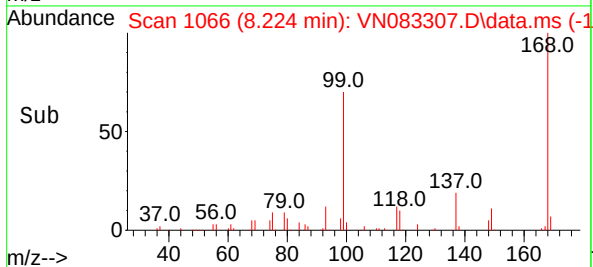
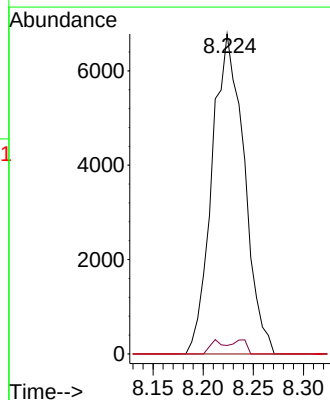
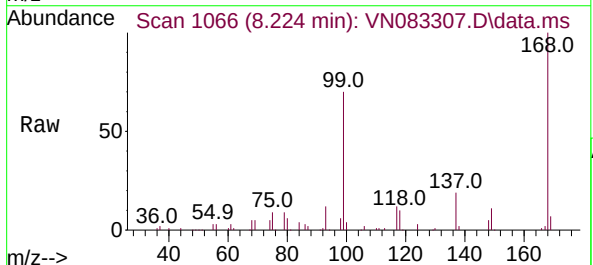


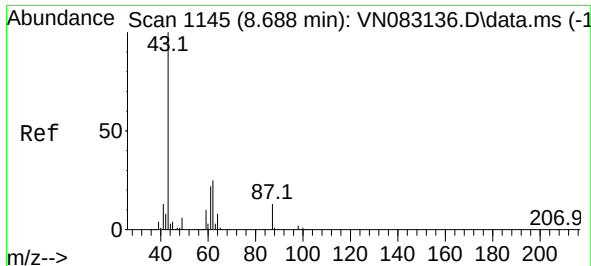
Tgt Ion: 75 Resp: 11760
Ion Ratio Lower Upper
75 100
110 7.8 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.685 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

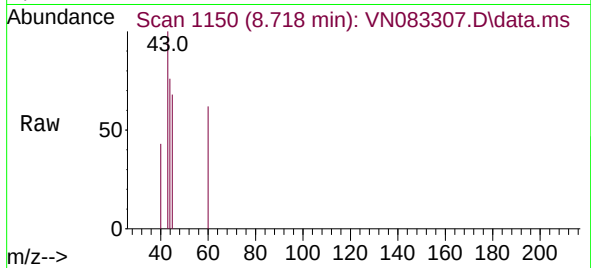
Tgt Ion: 117 Resp: 15109
Ion Ratio Lower Upper
117 100
119 2.6 74.9 112.3#
121 0.0 24.3 36.5#



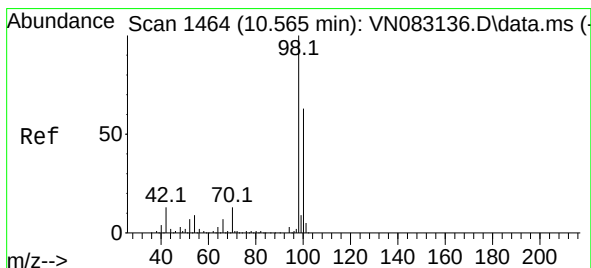
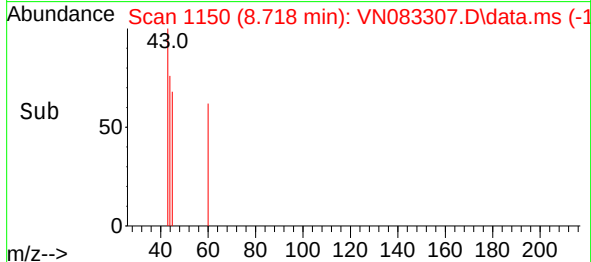
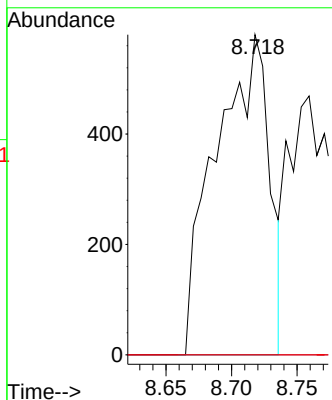


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.718 min Scan# 1145
Delta R.T. 0.030 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

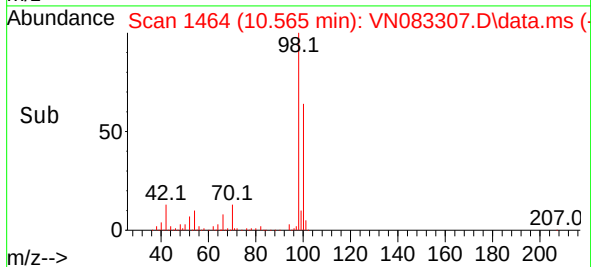
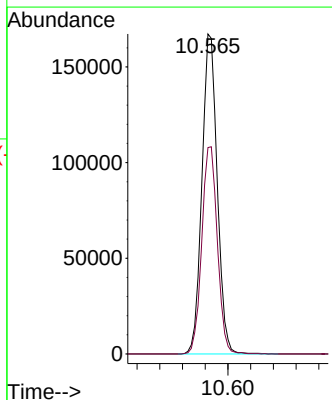
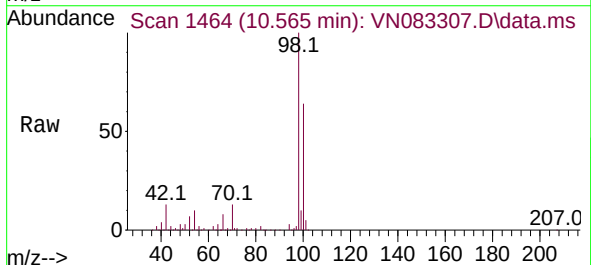


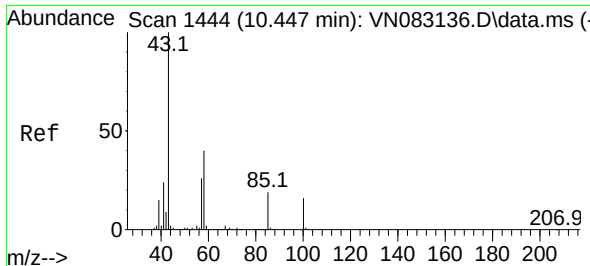
Tgt Ion: 43 Resp: 1651
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.551 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

Tgt Ion: 98 Resp: 311573
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3

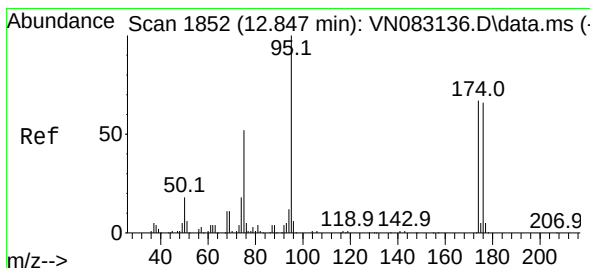
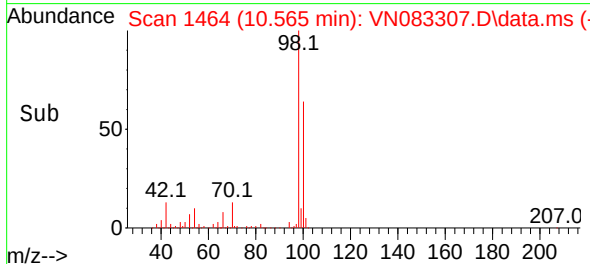
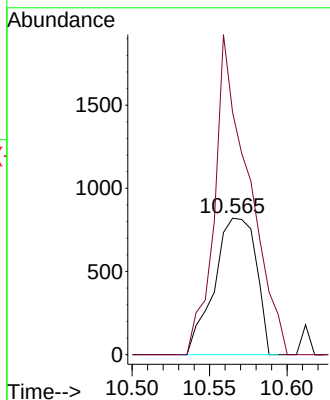
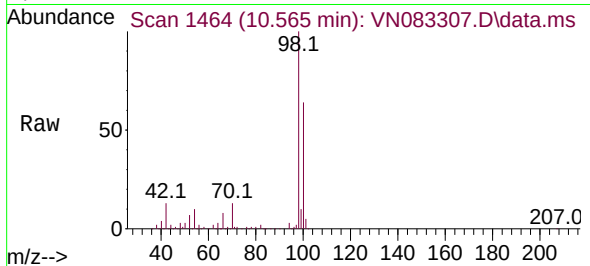




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

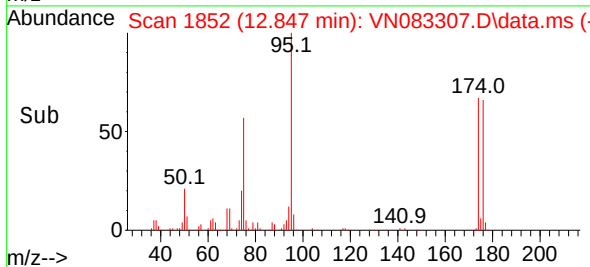
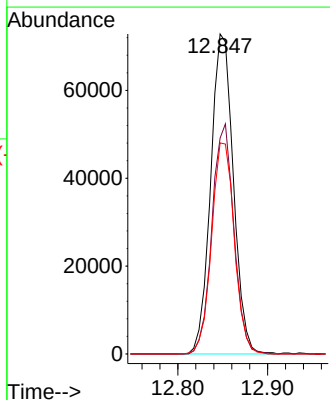
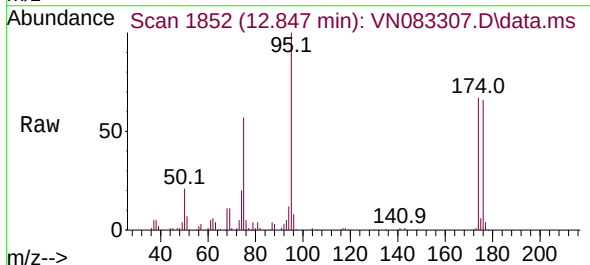
Instrument :
MSVOA_N
ClientSampleId :

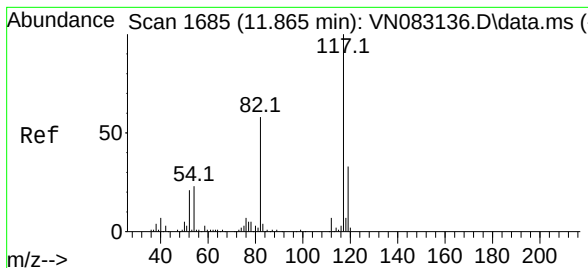
Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
58 191.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 56.279 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083307.D
Acq: 14 Aug 2024 17:41

Tgt Ion: 95 Resp: 127656
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.2 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: VN083307.D

Acq: 14 Aug 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

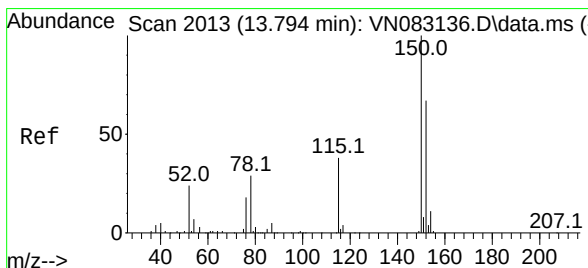
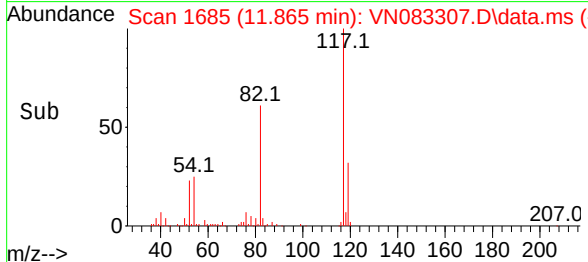
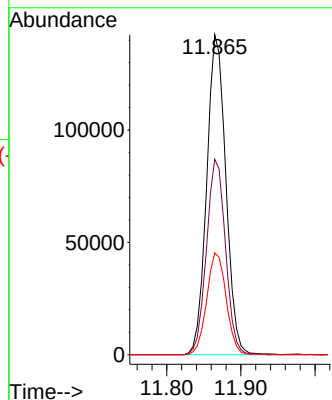
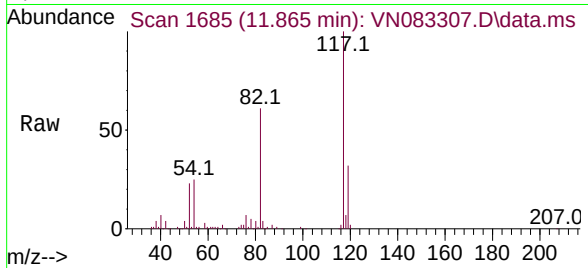
Tgt Ion:117 Resp: 255364

Ion Ratio Lower Upper

117 100

82 61.1 47.5 71.3

119 31.8 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: VN083307.D

Acq: 14 Aug 2024 17:41

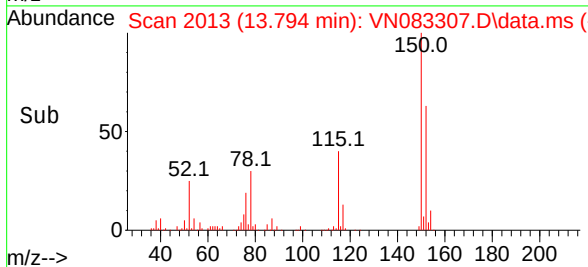
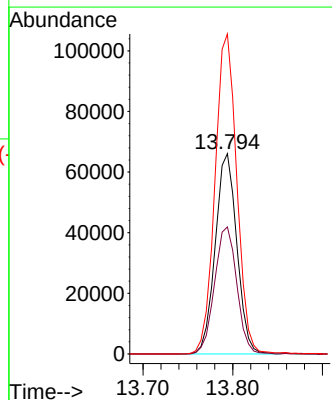
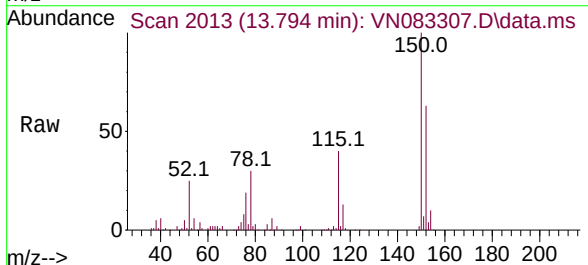
Tgt Ion:152 Resp: 110441

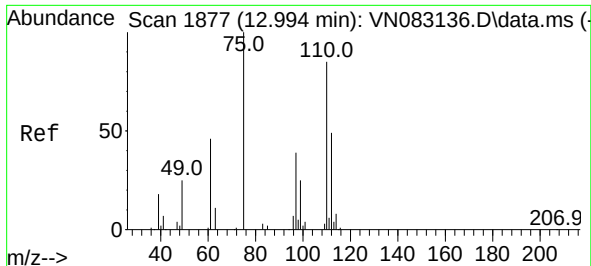
Ion Ratio Lower Upper

152 100

115 65.2 30.6 91.6

150 160.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.980 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083307.D

Acq: 14 Aug 2024 17:41

Instrument :

MSVOA_N

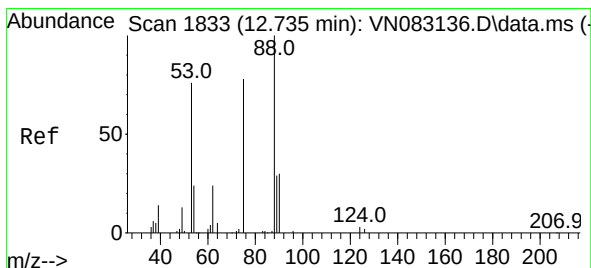
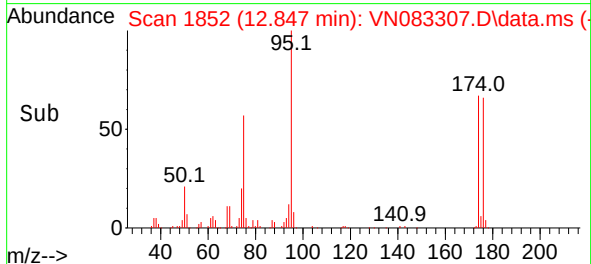
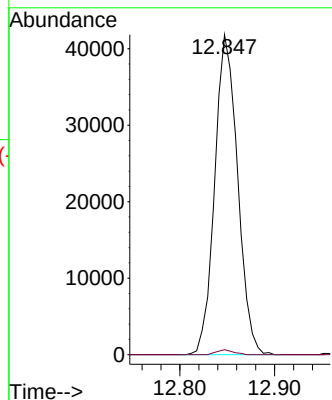
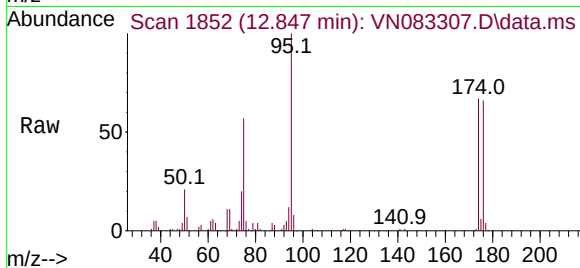
ClientSampleId :

Tgt Ion: 75 Resp: 70244

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.038 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083307.D

Acq: 14 Aug 2024 17:41

Tgt Ion: 75 Resp: 70244

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

