

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083315.D
 Acq On : 14 Aug 2024 20:55
 Operator : JC\MD
 Sample : P3609-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:27:34 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)

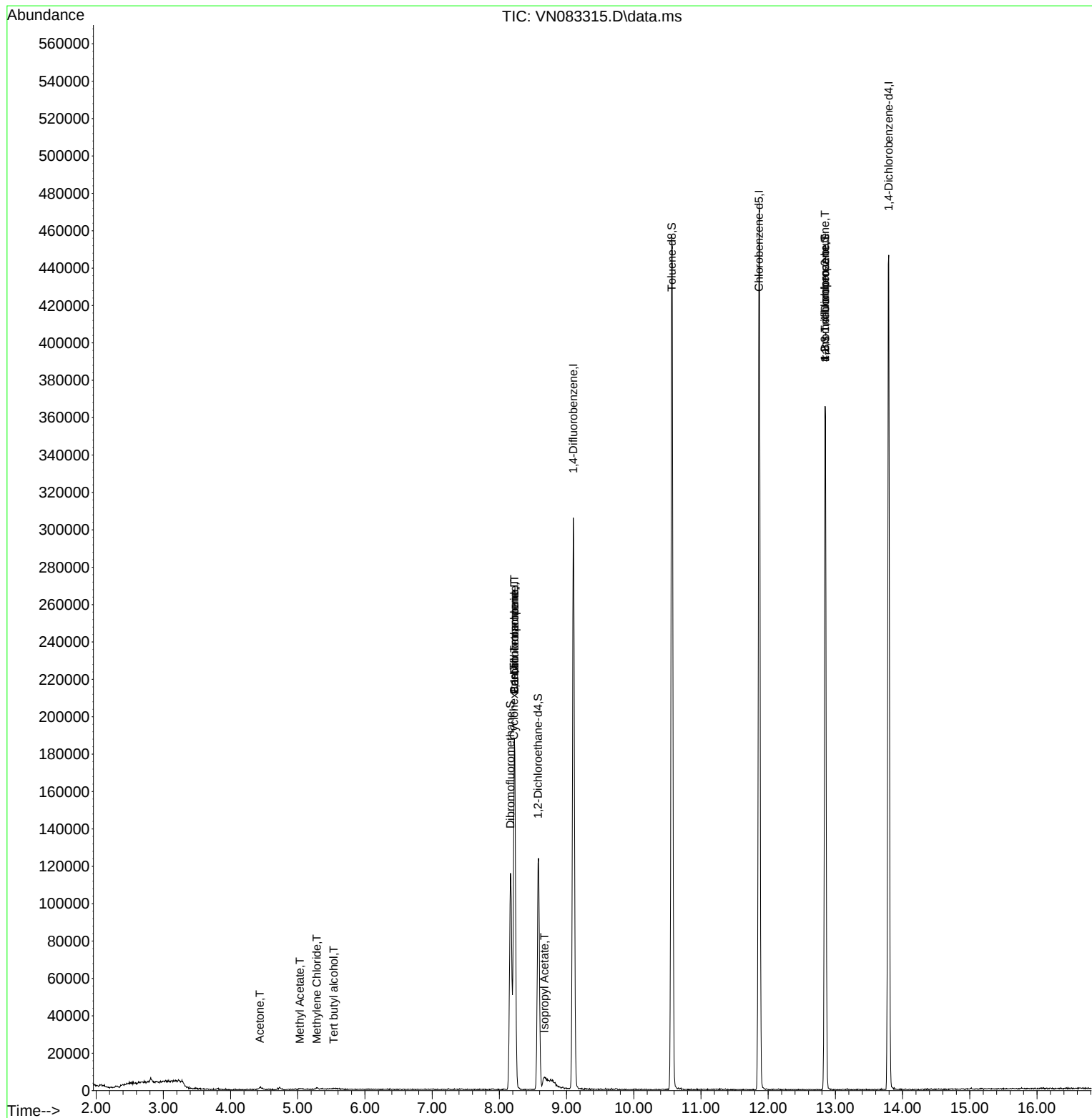
Internal Standards						
1) Pentafluorobenzene	8.224	168	130232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105497	56.911	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.820%		
35) Dibromofluoromethane	8.165	113	84684	53.417	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.840%		
50) Toluene-d8	10.565	98	316755	53.563	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.120%		
62) 4-Bromofluorobenzene	12.847	95	131440	57.011	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 114.020%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	118	0.306	ug/l #	71
16) Acetone	4.436	43	2516	3.469	ug/l	99
18) Methyl Acetate	5.030	43	660	0.305	ug/l #	56
20) Methylene Chloride	5.283	84	411	0.246	ug/l #	44
31) Cyclohexane	8.218	56	3344	1.217	ug/l #	37
36) 1,1-Dichloropropene	8.224	75	11980	4.995	ug/l #	51
38) Carbon Tetrachloride	8.224	117	14980	5.546	ug/l #	17
43) Isopropyl Acetate	8.671	43	10296	0.612	ug/l #	60
76) 1,2,3-Trichloropropane	12.847	75	71776	28.080	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71776	61.080	ug/l #	6

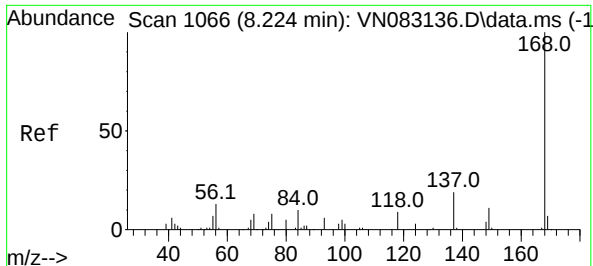
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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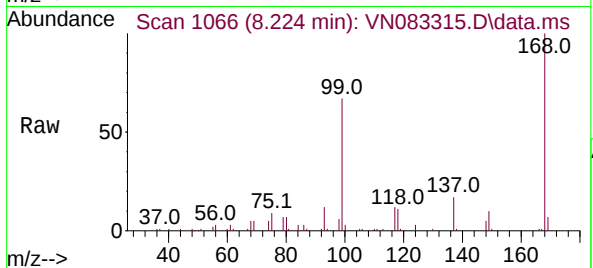
Quant Time: Aug 14 23:27:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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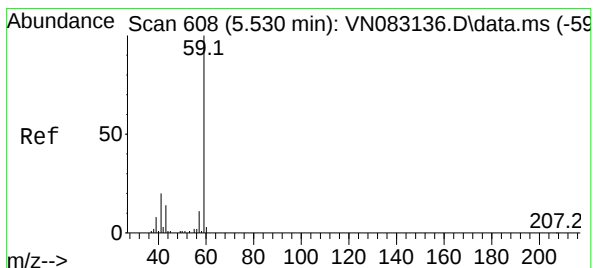
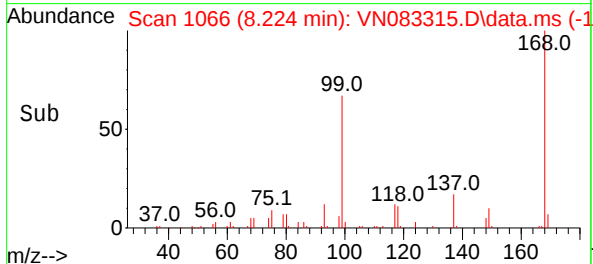
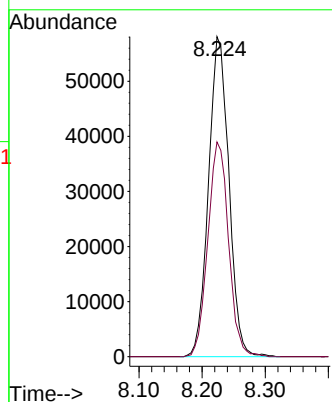


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

Instrument :
MSVOA_N
ClientSampleId :

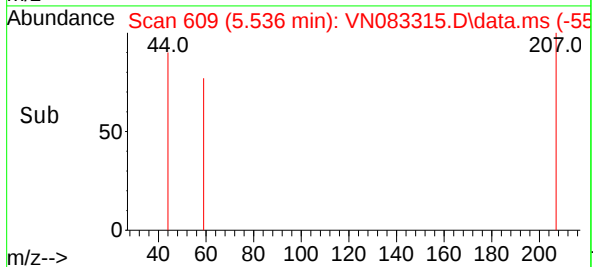
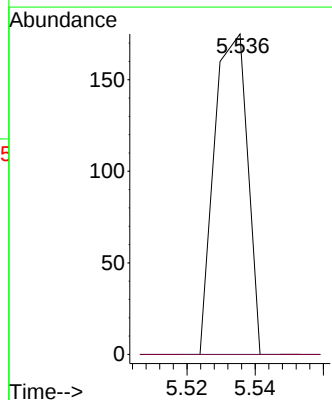
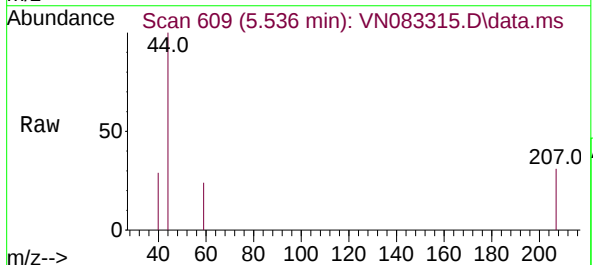


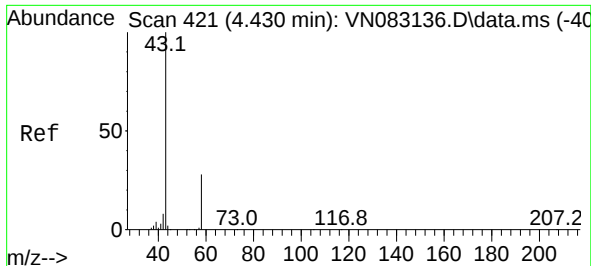
Tgt Ion:168 Resp: 130232
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.306 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

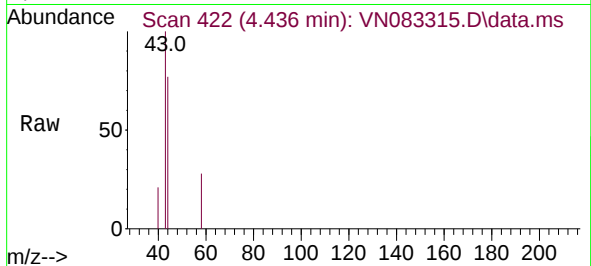
Tgt Ion: 59 Resp: 118
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



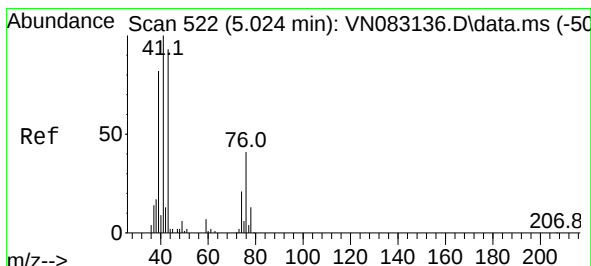
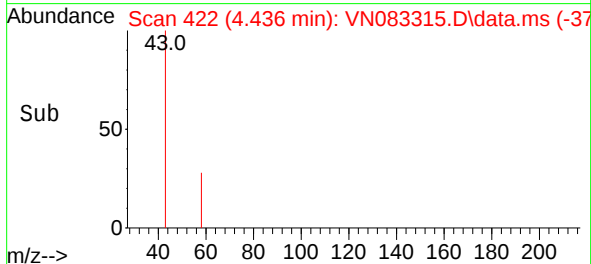
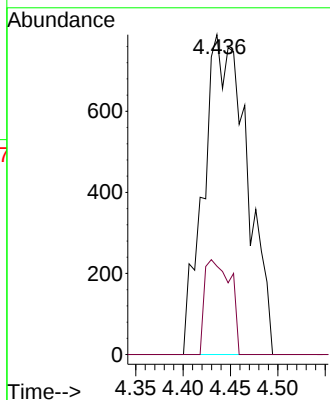


#16
Acetone
Concen: 3.469 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

Instrument :
MSVOA_N
ClientSampleId :

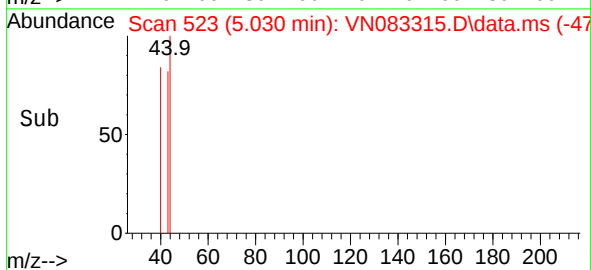
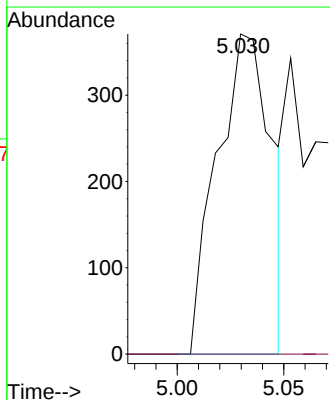
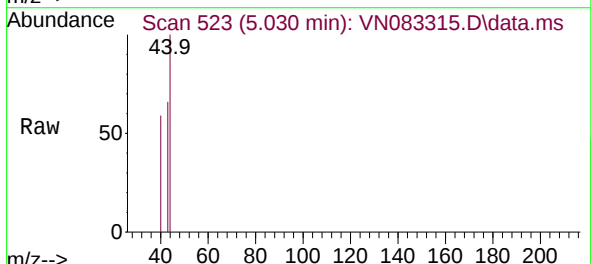


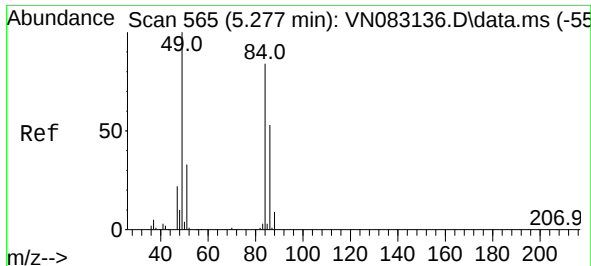
Tgt Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.6



#18
Methyl Acetate
Concen: 0.305 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#





#20

Methylene Chloride

Concen: 0.246 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.006 min

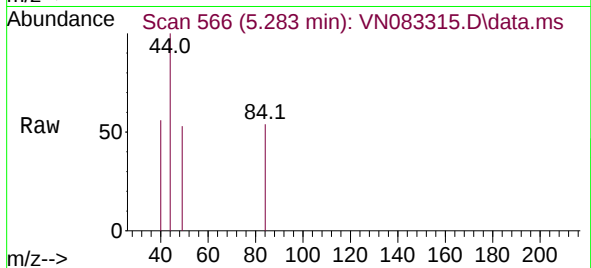
Lab File: VN083315.D

Acq: 14 Aug 2024 20:55

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 411

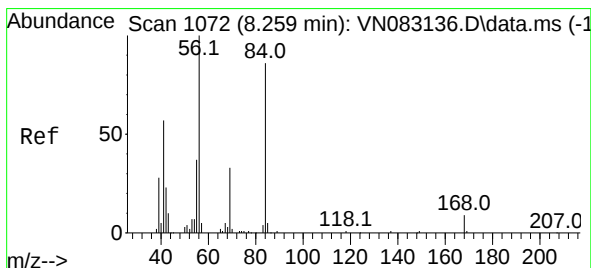
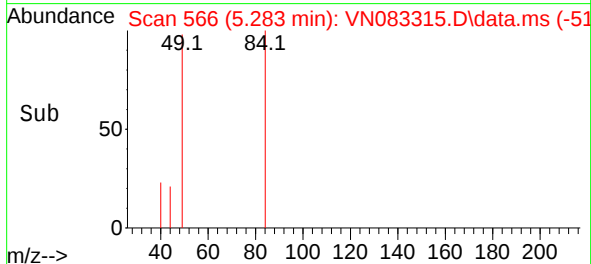
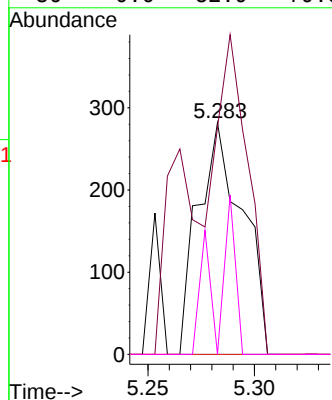
Ion Ratio Lower Upper

84 100

49 97.9 119.6 179.4#

51 0.0 34.8 52.2#

86 0.0 52.9 79.3#



#31

Cyclohexane

Concen: 1.217 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.041 min

Lab File: VN083315.D

Acq: 14 Aug 2024 20:55

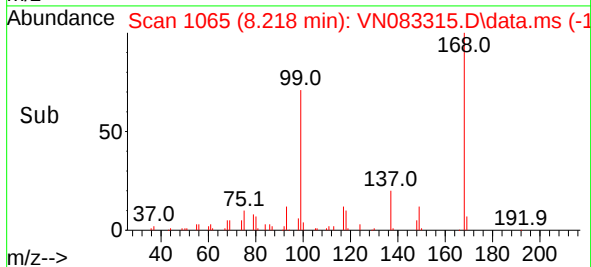
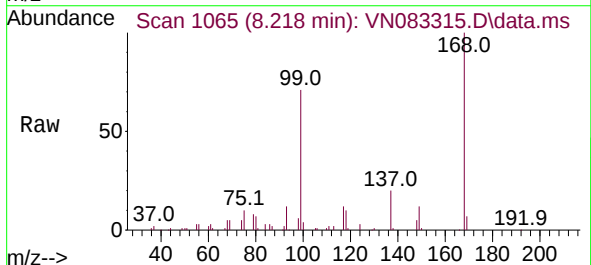
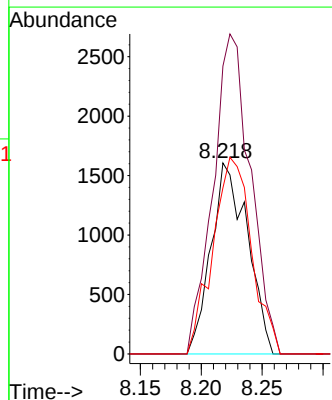
Tgt Ion: 56 Resp: 3344

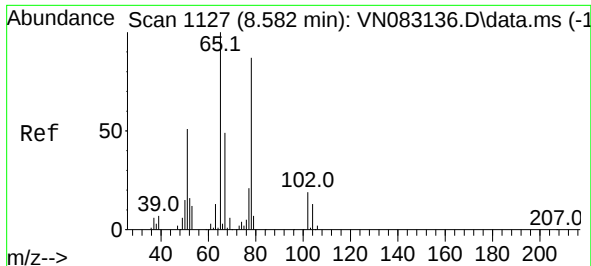
Ion Ratio Lower Upper

56 100

69 150.6 24.5 36.7#

84 86.9 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 56.911 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083315.D

Acq: 14 Aug 2024 20:55

Instrument :

MSVOA_N

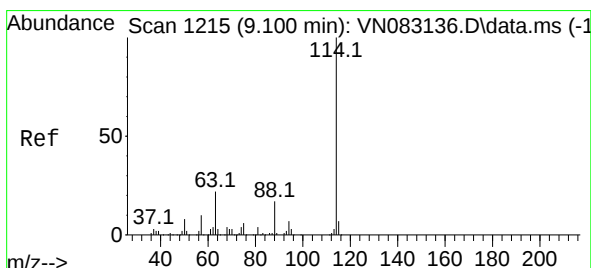
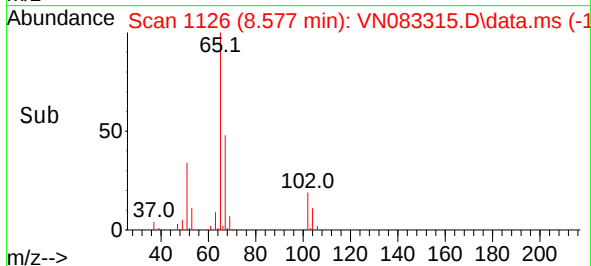
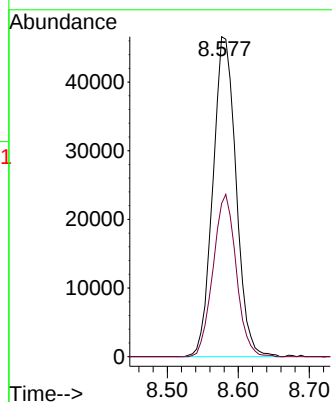
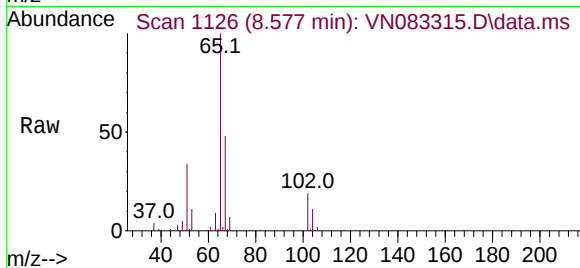
ClientSampleId :

Tgt Ion: 65 Resp: 105497

Ion Ratio Lower Upper

65 100

67 50.6 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: VN083315.D

Acq: 14 Aug 2024 20:55

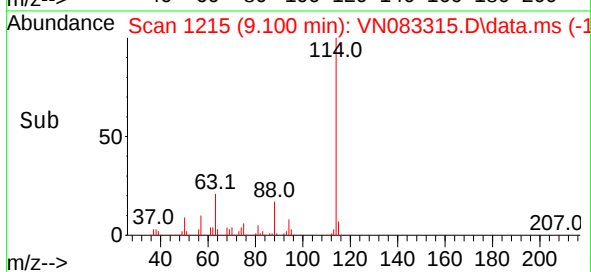
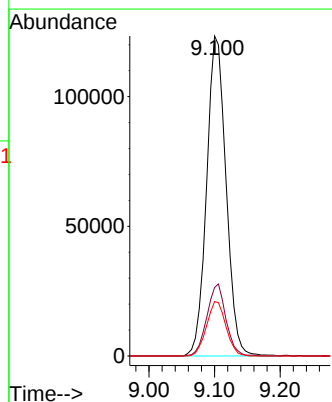
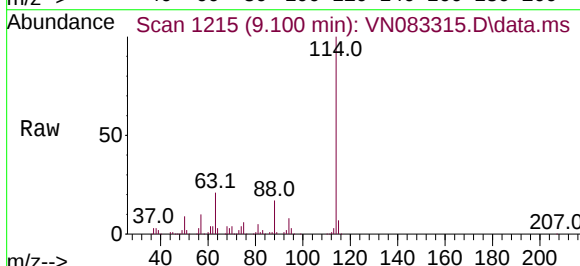
Tgt Ion: 114 Resp: 253989

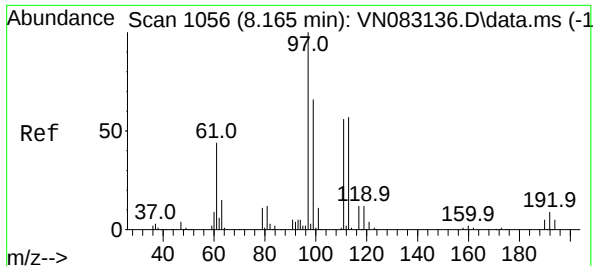
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 17.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.417 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083315.D

Acq: 14 Aug 2024 20:55

Instrument :

MSVOA_N

ClientSampleId :

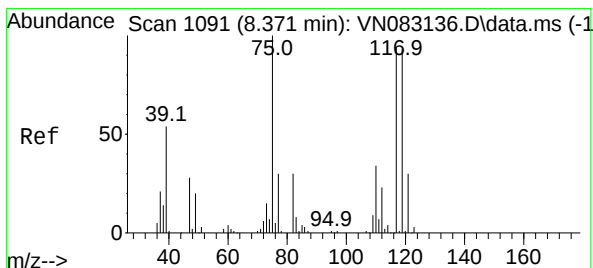
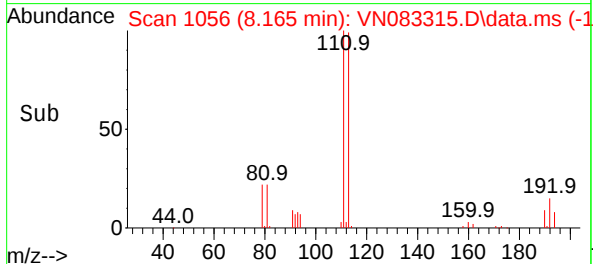
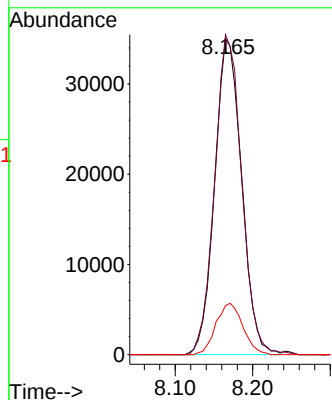
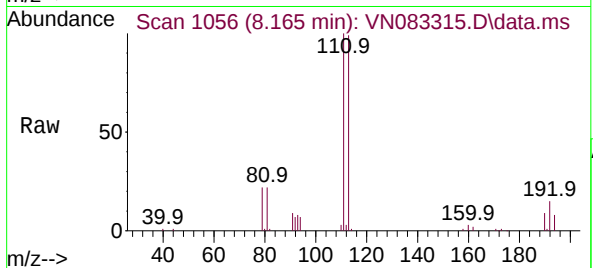
Tgt Ion:113 Resp: 84684

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 16.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.995 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083315.D

Acq: 14 Aug 2024 20:55

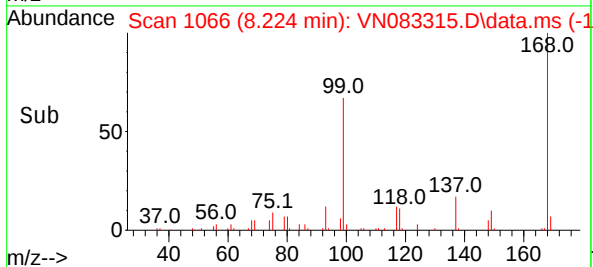
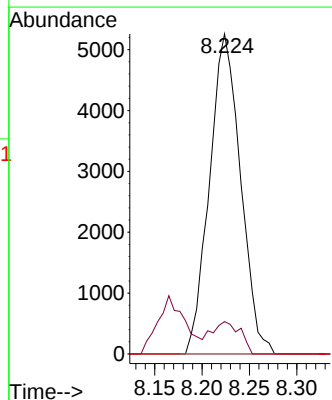
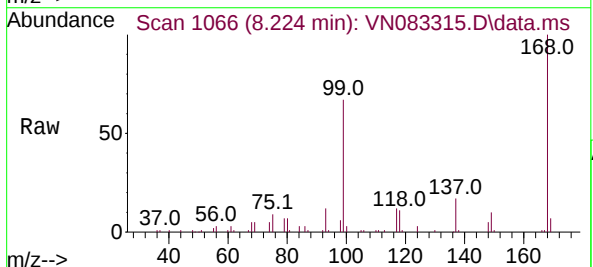
Tgt Ion: 75 Resp: 11980

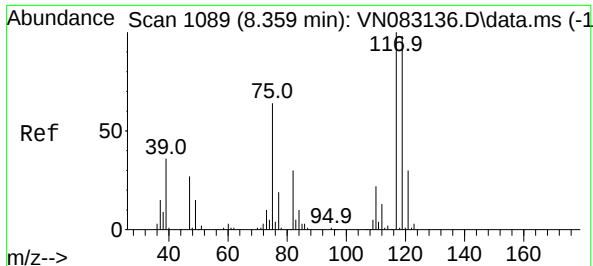
Ion Ratio Lower Upper

75 100

110 9.4 16.3 48.9#

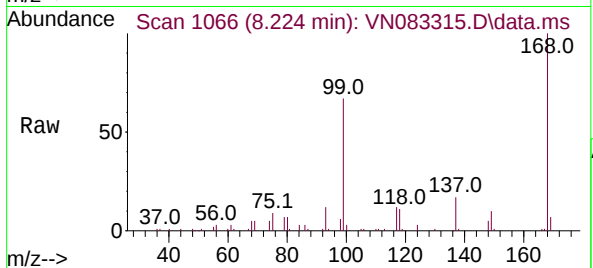
77 0.0 24.6 37.0#



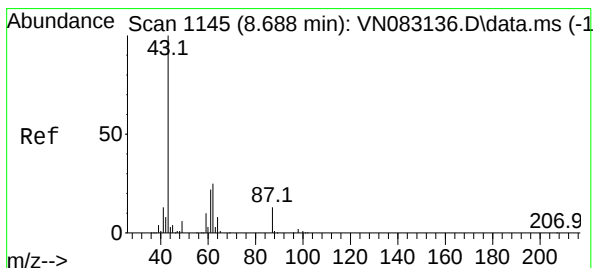
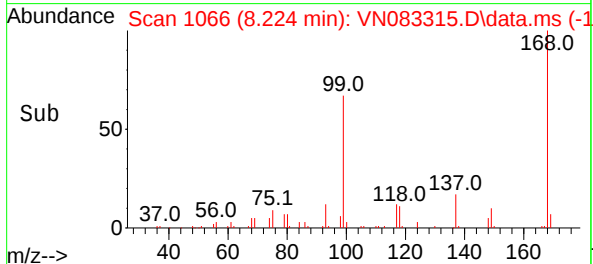
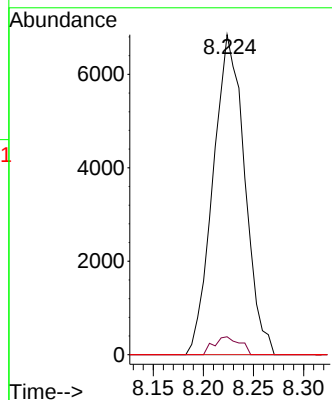


#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 8.224 min Scan# 11066
Delta R.T. -0.135 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

Instrument :
MSVOA_N
ClientSampleId :

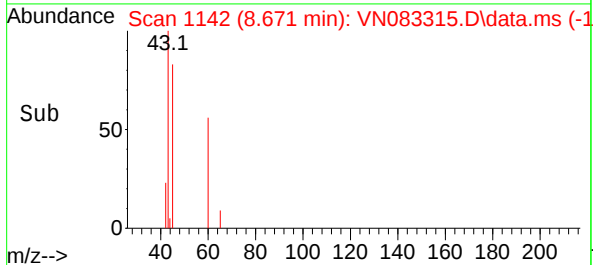
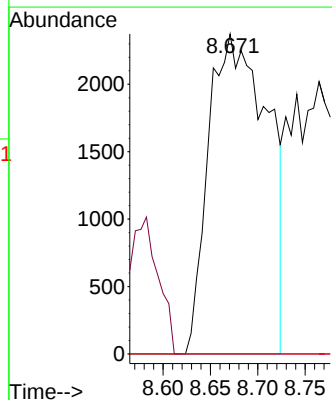
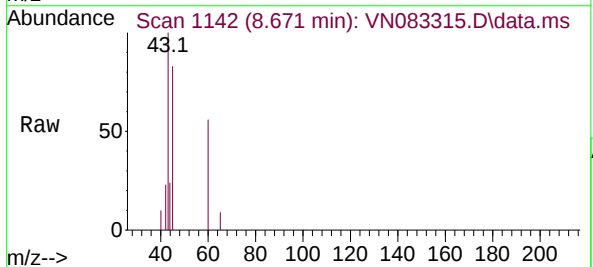


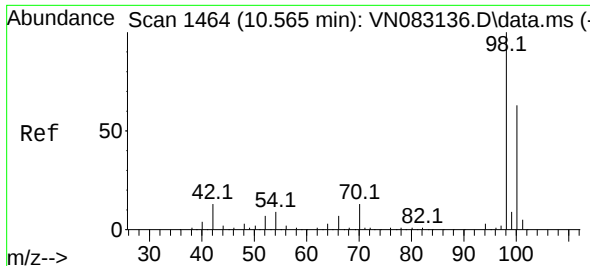
Tgt Ion:117 Resp: 14980
Ion Ratio Lower Upper
117 100
119 5.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.612 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.017 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

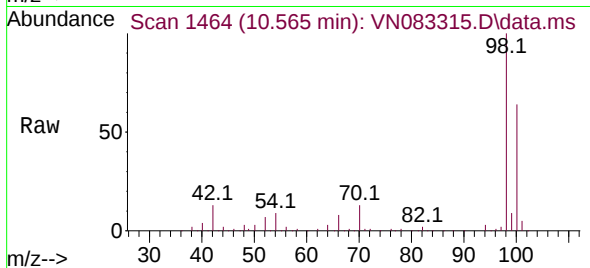
Tgt Ion: 43 Resp: 10296
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



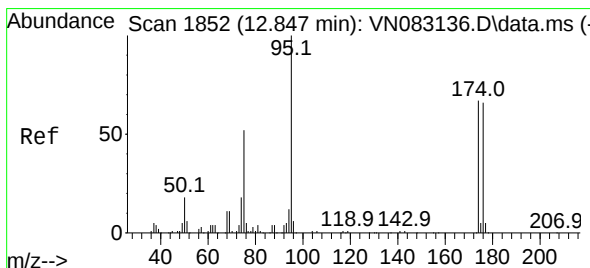
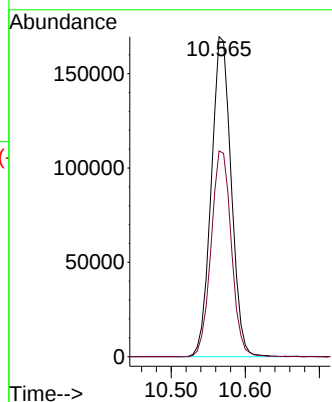
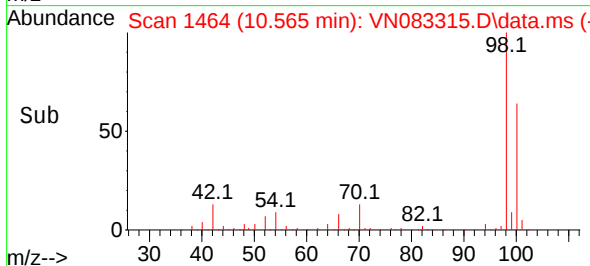


#50
Toluene-d8
Concen: 53.563 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

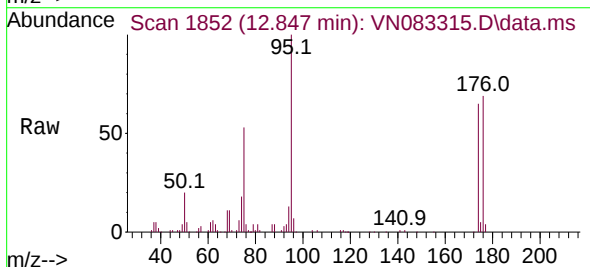
Instrument :
MSVOA_N
ClientSampleId :



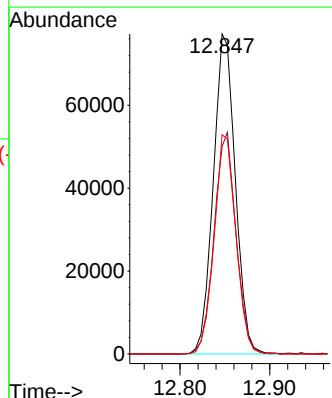
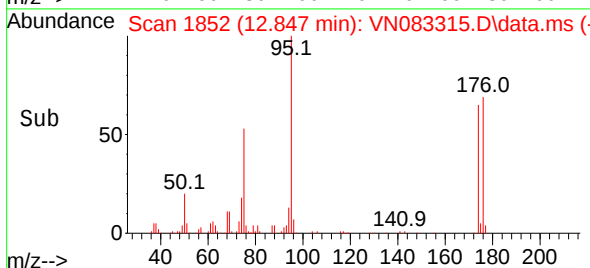
Tgt Ion: 98 Resp: 316755
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

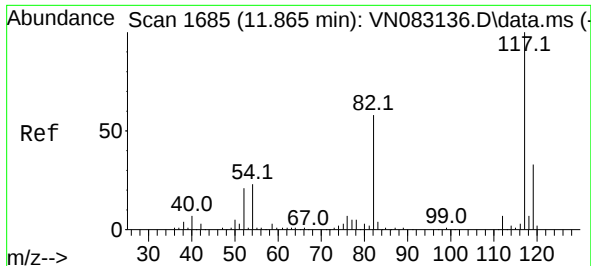


#62
4-Bromofluorobenzene
Concen: 57.011 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55



Tgt Ion: 95 Resp: 131440
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 67.7 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: VN083315.D

Acq: 14 Aug 2024 20:55

Instrument :

MSVOA_N

ClientSampleId :

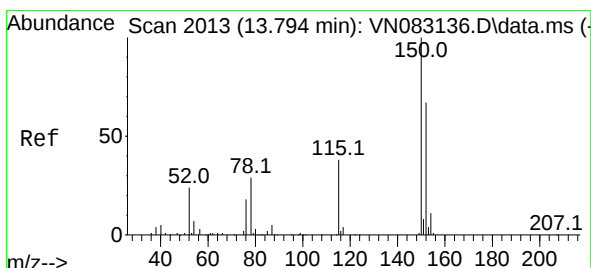
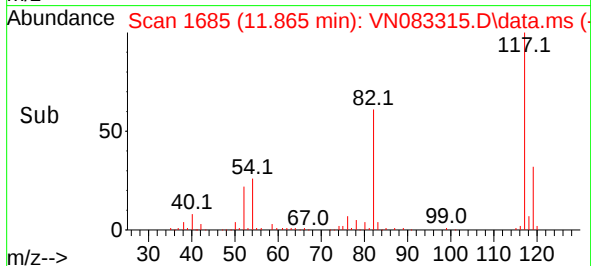
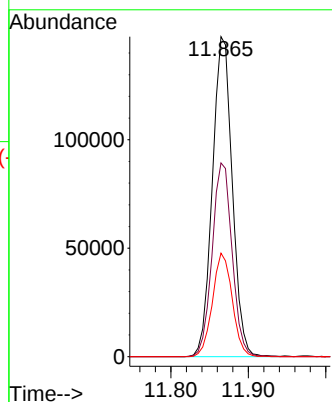
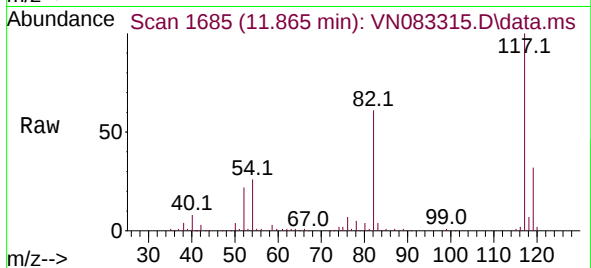
Tgt Ion:117 Resp: 263608

Ion Ratio Lower Upper

117 100

82 60.6 47.5 71.3

119 32.4 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: VN083315.D

Acq: 14 Aug 2024 20:55

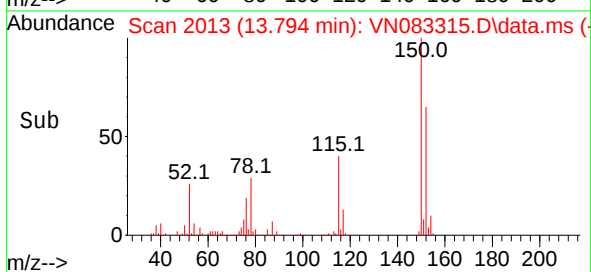
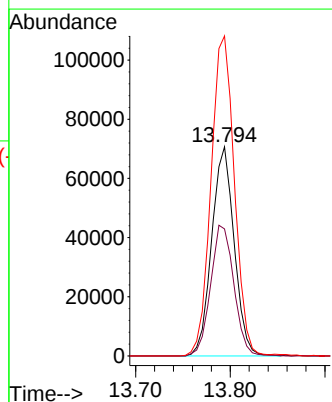
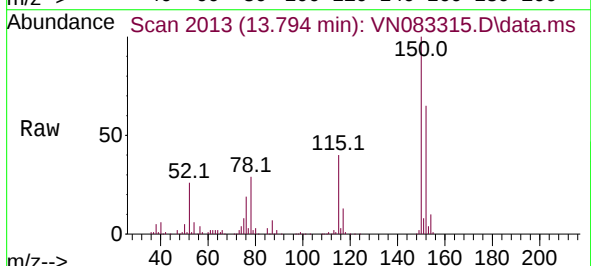
Tgt Ion:152 Resp: 116466

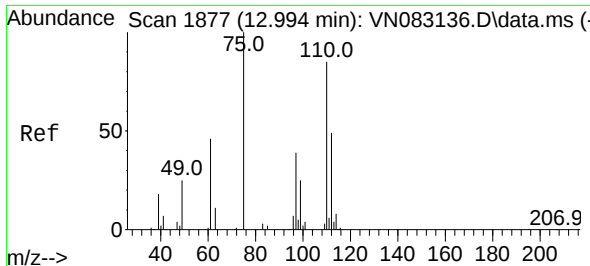
Ion Ratio Lower Upper

152 100

115 64.6 30.6 91.6

150 159.0 0.0 348.6

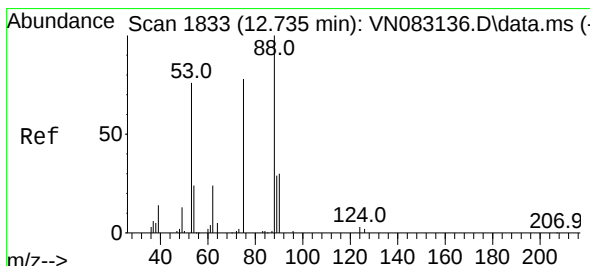
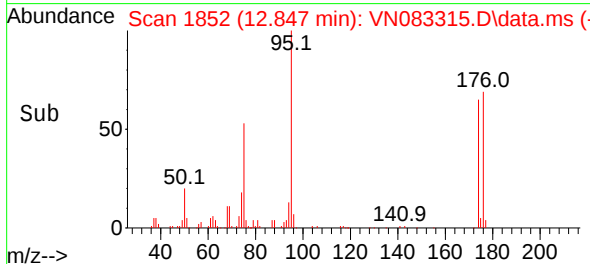
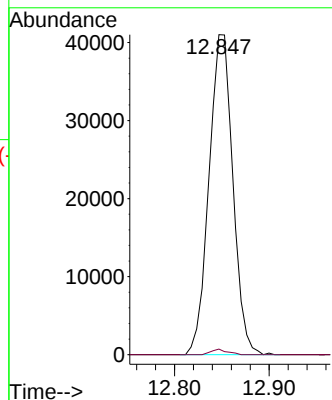
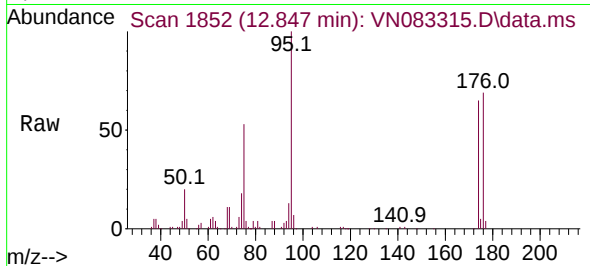




#76
1,2,3-Trichloropropane
Concen: 28.080 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 71776
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.080 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083315.D
Acq: 14 Aug 2024 20:55

Tgt Ion: 75 Resp: 71776
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

