

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083314.D
 Acq On : 14 Aug 2024 20:31
 Operator : JC\MD
 Sample : P3574-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:27:08 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)

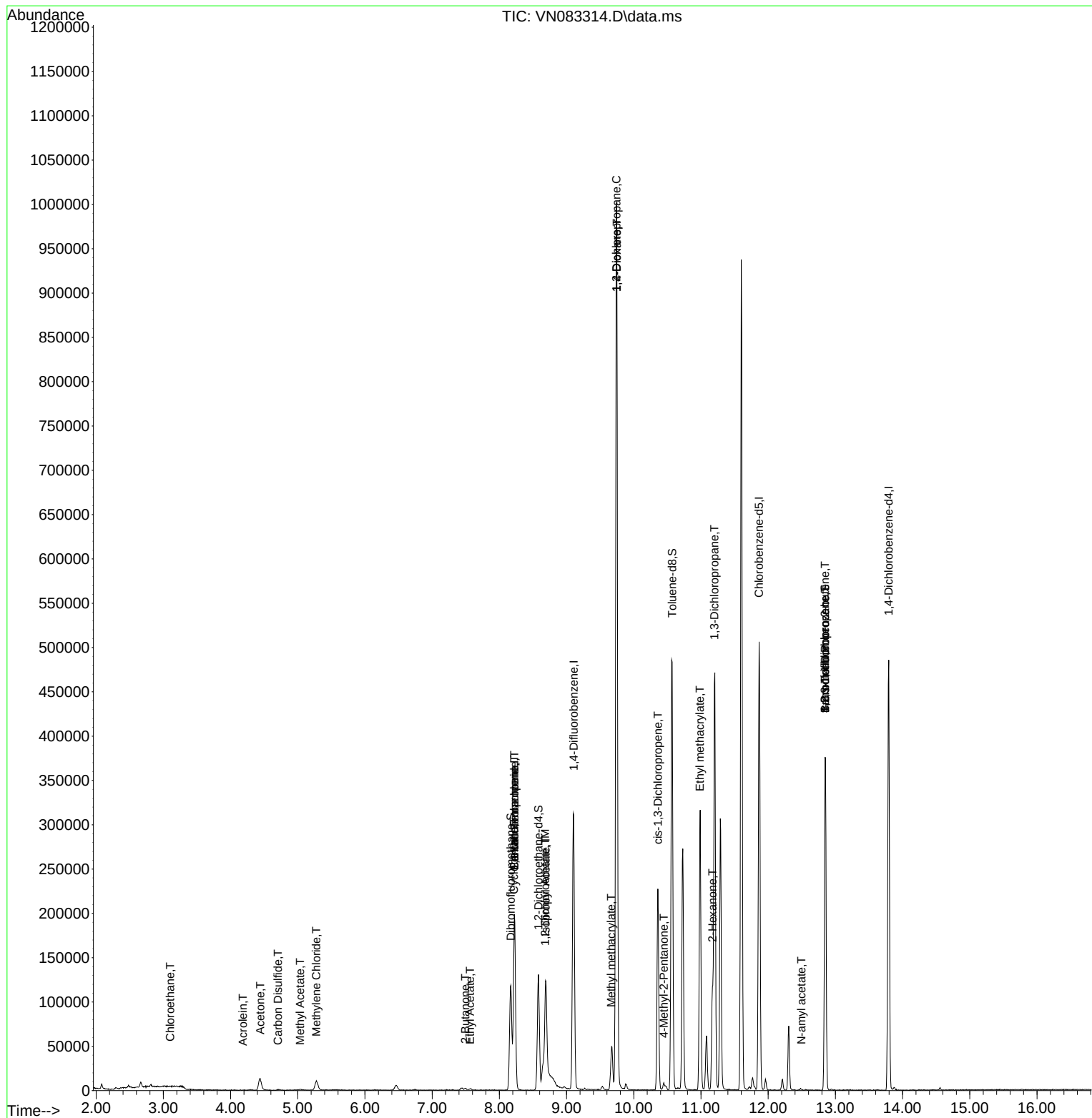
Internal Standards						
1) Pentafluorobenzene	8.224	168	134490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109057	56.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.940%			
35) Dibromofluoromethane	8.171	113	85840	51.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.460%			
50) Toluene-d8	10.570	98	332956	53.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.580%			
62) 4-Bromofluorobenzene	12.847	95	136738	56.660	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.320%			
Target Compounds						Qvalue
6) Chloroethane	3.100	64	475	0.477	ug/l #	41
13) Acrolein	4.183	56	64	0.247	ug/l #	14
16) Acetone	4.441	43	26117	34.866	ug/l	96
17) Carbon Disulfide	4.706	76	888	0.204	ug/l #	75
18) Methyl Acetate	5.036	43	1893	0.848	ug/l #	62
20) Methylene Chloride	5.277	84	8086	4.690	ug/l	86
25) 2-Butanone	7.494	43	4097	3.562	ug/l #	73
31) Cyclohexane	8.218	56	3268	1.152	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	11622	4.630	ug/l #	53
37) Ethyl Acetate	7.565	43	3202	1.139	ug/l #	80
38) Carbon Tetrachloride	8.224	117	15166	5.364	ug/l #	18
42) 1,2-Dichloroethane	8.682	62	830	0.305	ug/l #	78
43) Isopropyl Acetate	8.688	43	204934	41.520	ug/l #	83
45) 1,2-Dichloropropane	9.741	63	1379	0.777	ug/l #	44
48) Methyl methacrylate	9.665	41	3197	1.376	ug/l #	54
49) 1,4-Dioxane	9.747	88	65	1.550	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	4642	1.746	ug/l #	82
54) cis-1,3-Dichloropropene	10.359	75	40332	12.939	ug/l #	54
56) Ethyl methacrylate	10.982	69	815	0.255	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4850	1.607	ug/l #	43
59) 2-Hexanone	11.170	43	94394	45.906	ug/l #	28
71) Bromoform	12.847	173	393	0.236	ug/l #	1
74) N-amyl acetate	12.494	43	1154	0.225	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	76177	27.650	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76177	60.144	ug/l #	6

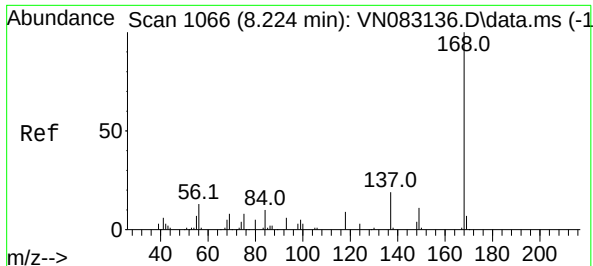
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
Data File : VN083314.D
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Sample : P3574-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

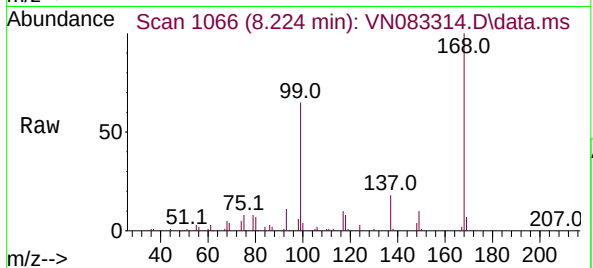
Quant Time: Aug 14 23:27:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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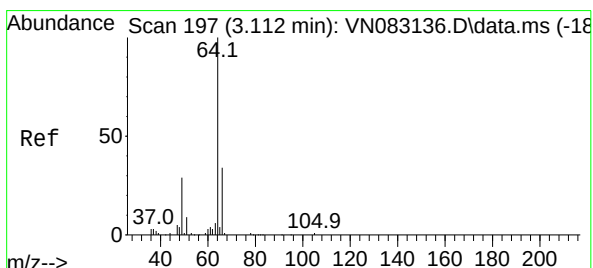
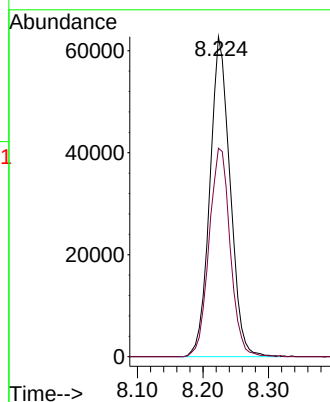
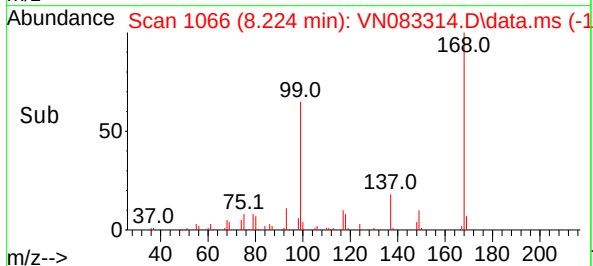


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :

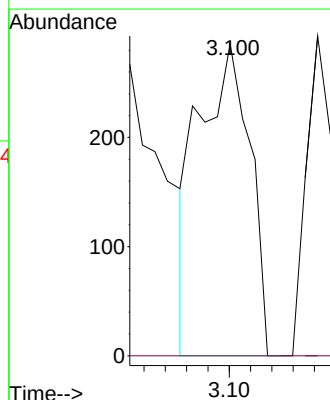
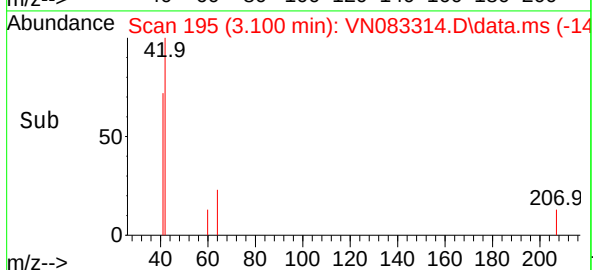
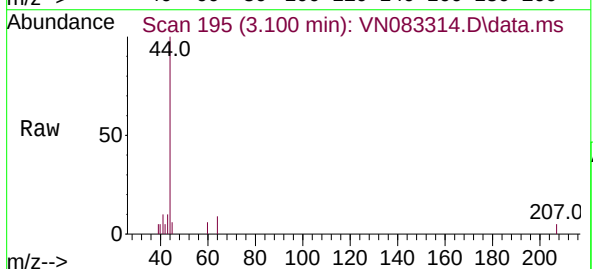


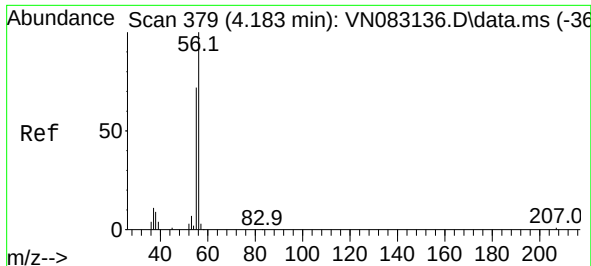
Tgt Ion:168 Resp: 134490
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#6
Chloroethane
Concen: 0.477 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

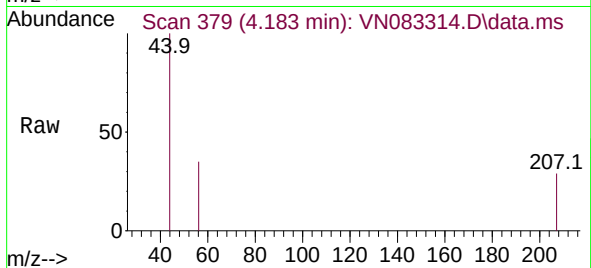
Tgt Ion: 64 Resp: 475
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



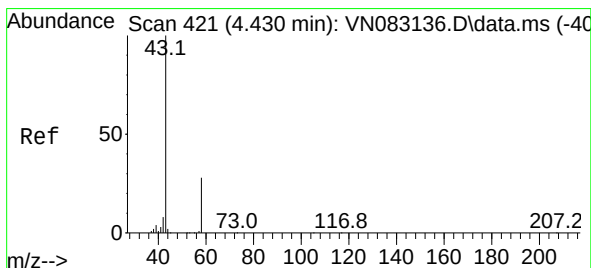
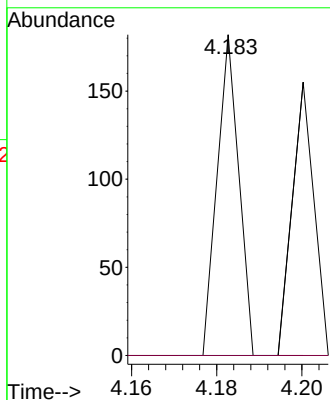
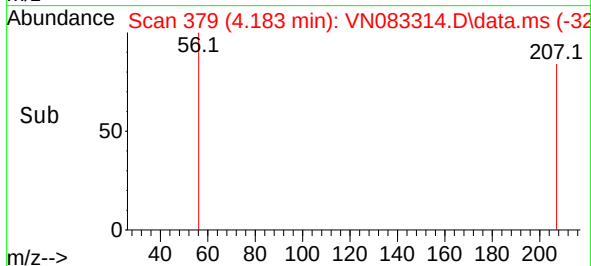


#13
Acrolein
Concen: 0.247 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :

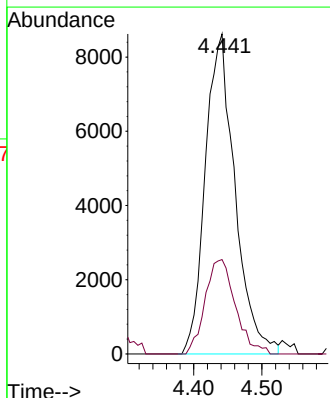
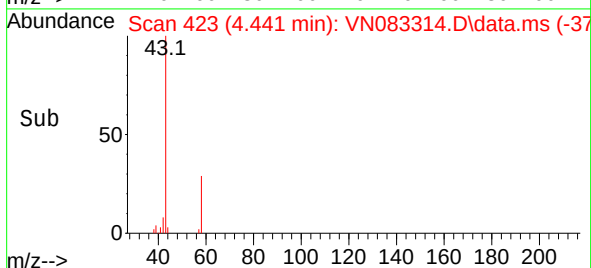
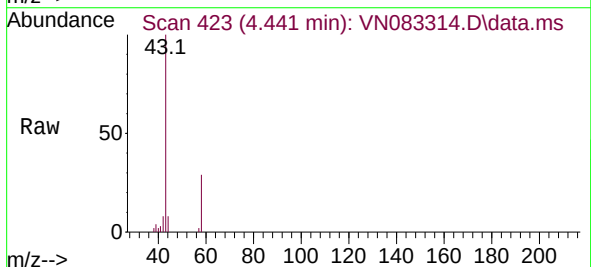


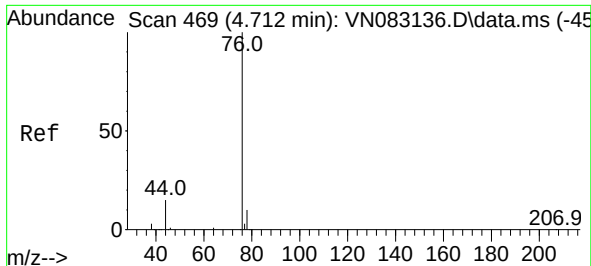
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 34.866 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Tgt Ion: 43 Resp: 26117
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.6

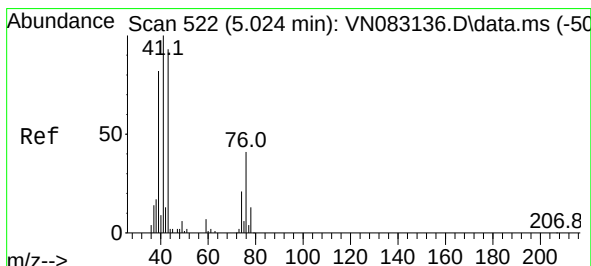
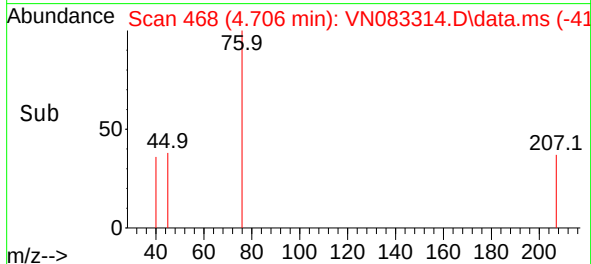
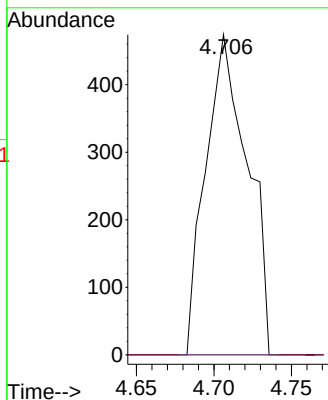
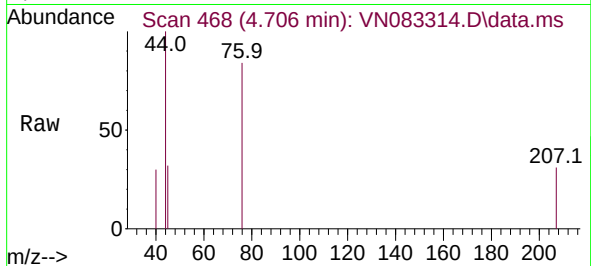




#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

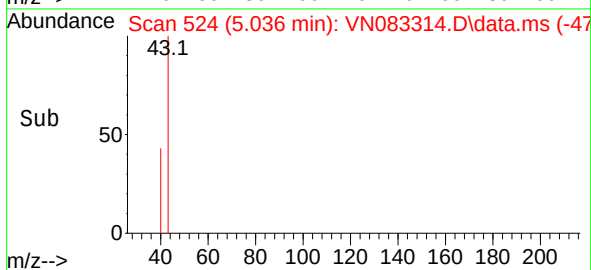
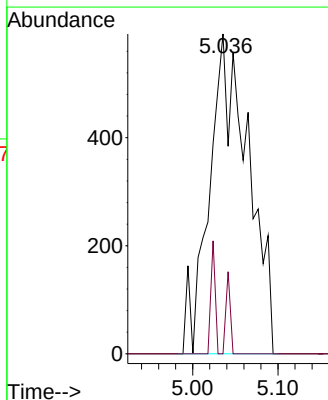
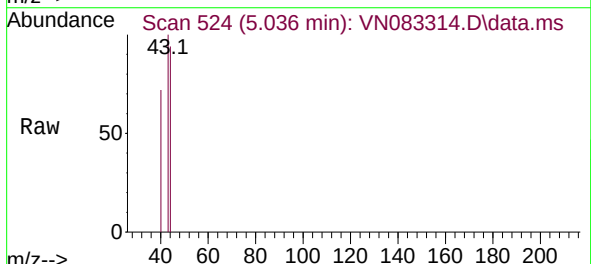
Instrument :
MSVOA_N
ClientSampleId :

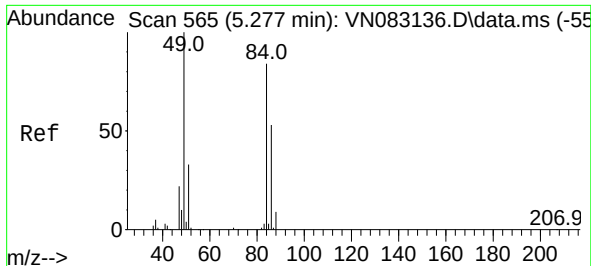
Tgt Ion: 76 Resp: 888
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.848 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
74 2.9 16.3 24.5#





#20

Methylene Chloride

Concen: 4.690 ug/l

RT: 5.277 min Scan# 51

Delta R.T. -0.000 min

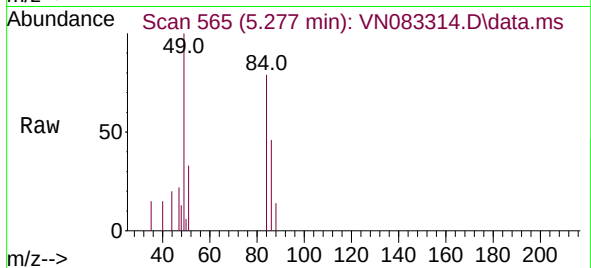
Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 8086

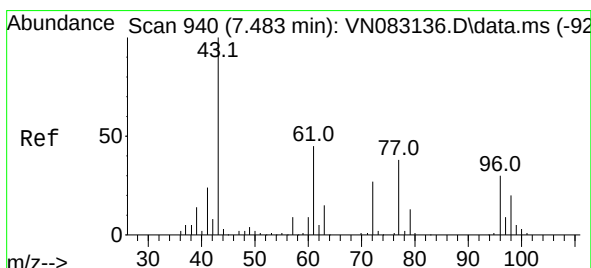
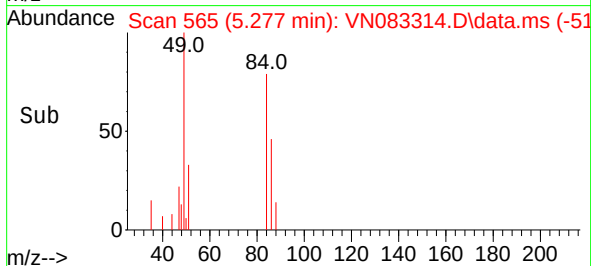
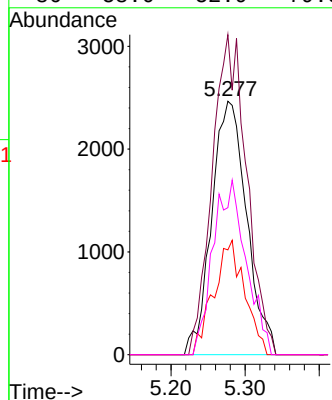
Ion Ratio Lower Upper

84 100

49 126.2 119.6 179.4

51 41.4 34.8 52.2

86 58.0 52.9 79.3



#25

2-Butanone

Concen: 3.562 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.012 min

Lab File: VN083314.D

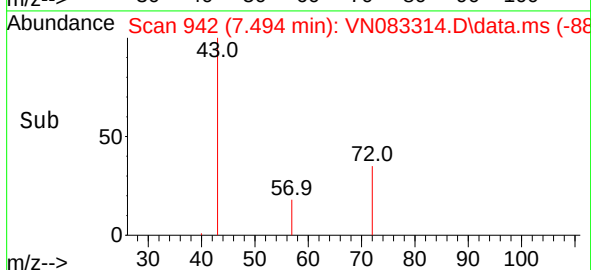
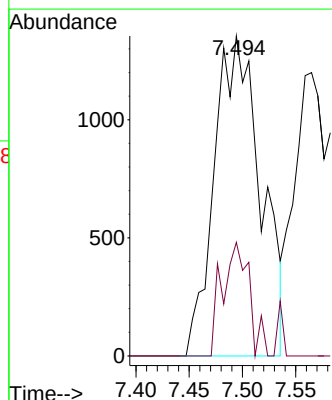
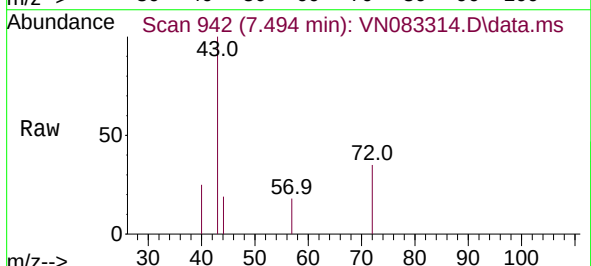
Acq: 14 Aug 2024 20:31

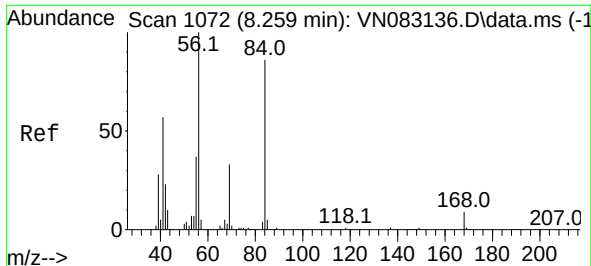
Tgt Ion: 43 Resp: 4097

Ion Ratio Lower Upper

43 100

72 35.5 18.2 27.2#





#31

Cyclohexane

Concen: 1.152 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.041 min

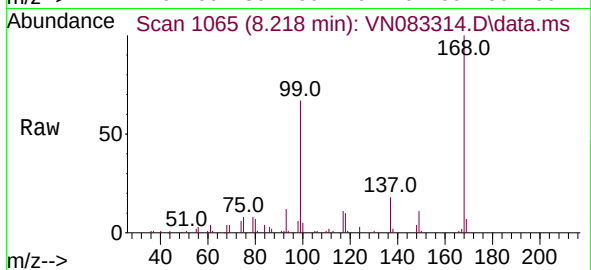
Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :



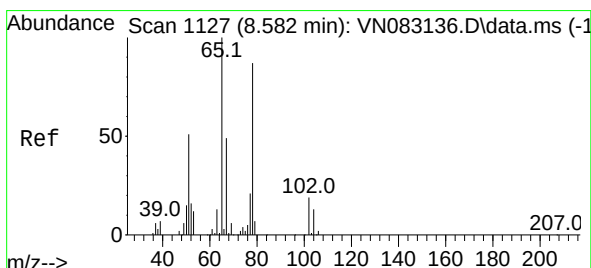
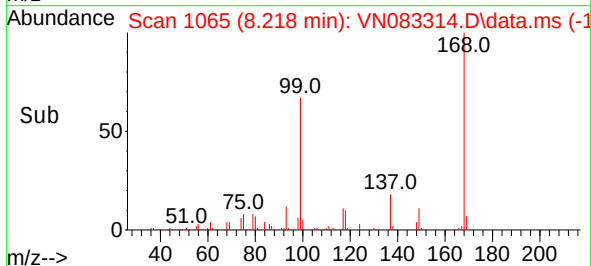
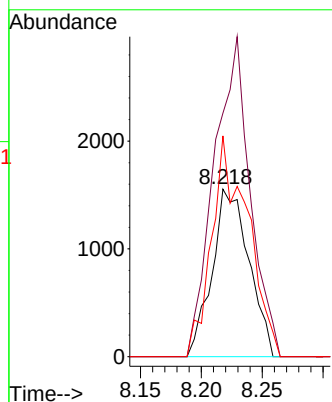
Tgt Ion: 56 Resp: 3268

Ion Ratio Lower Upper

56 100

69 145.3 24.5 36.7#

84 131.8 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 56.969 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083314.D

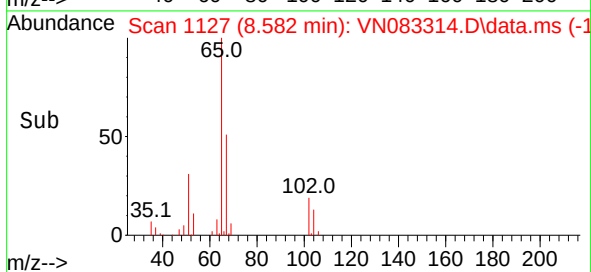
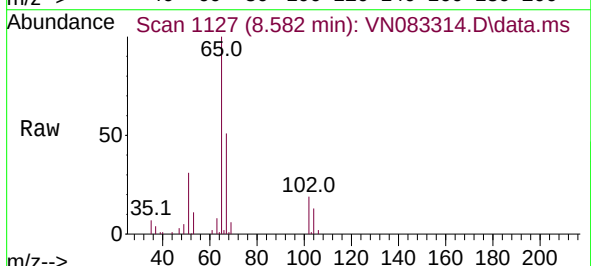
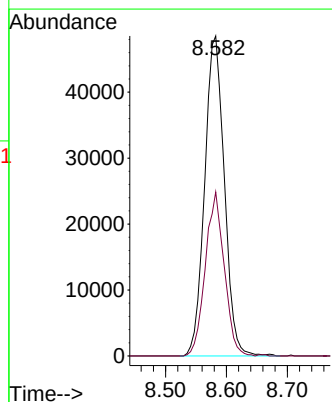
Acq: 14 Aug 2024 20:31

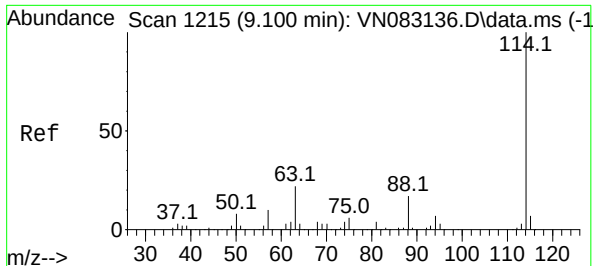
Tgt Ion: 65 Resp: 109057

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.4

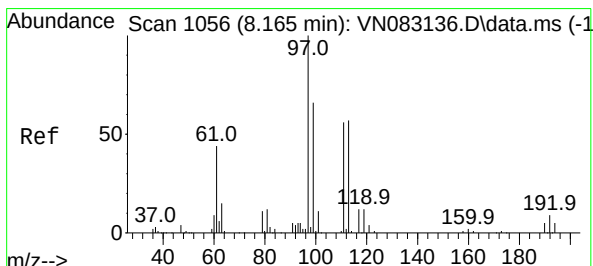
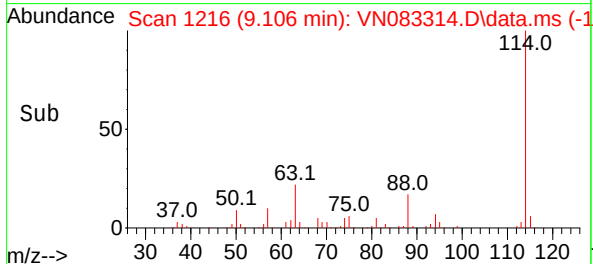
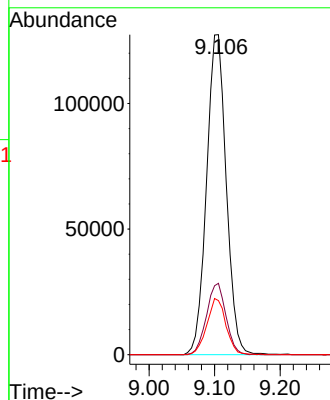
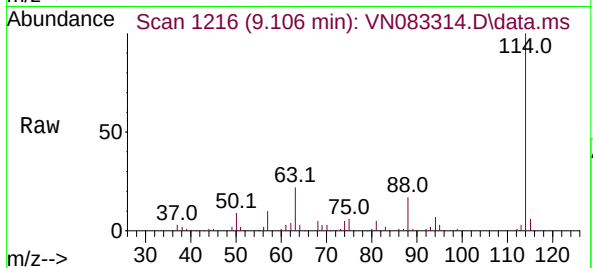




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

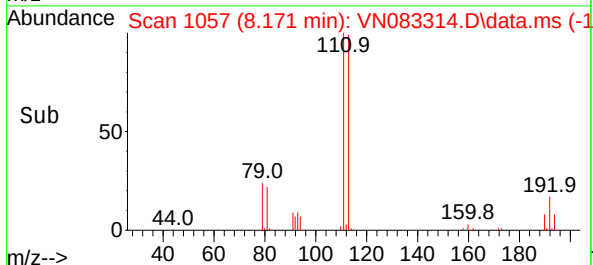
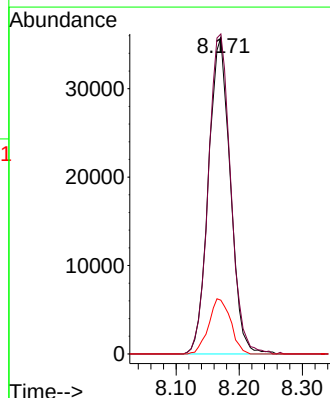
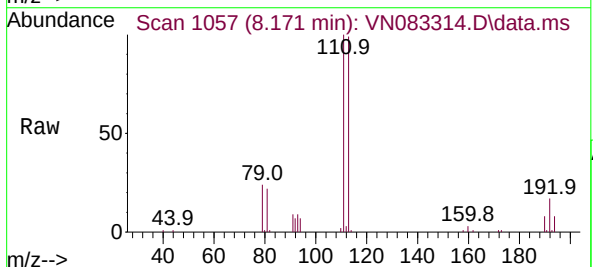
Instrument :
MSVOA_N
ClientSampleId :

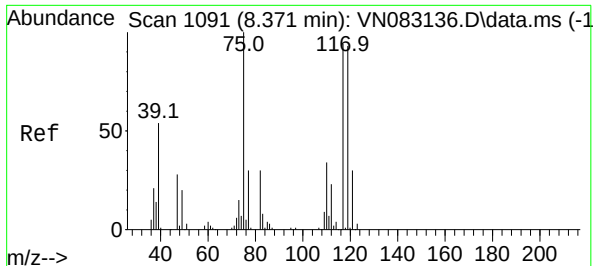
Tgt Ion:114 Resp: 265863
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 16.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.728 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

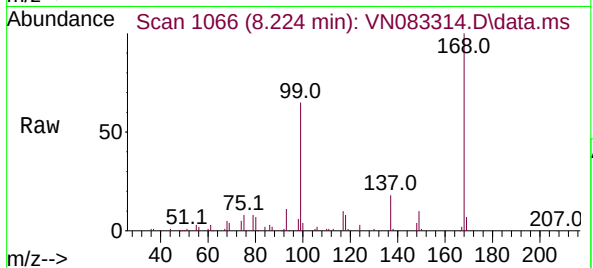
Tgt Ion:113 Resp: 85840
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.5 14.9 22.3



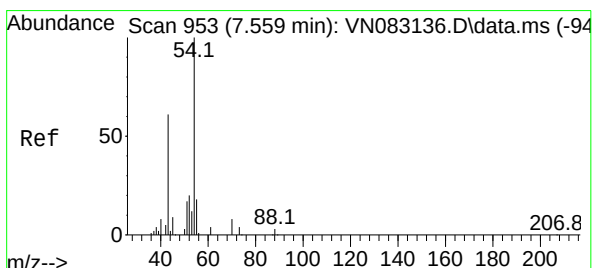
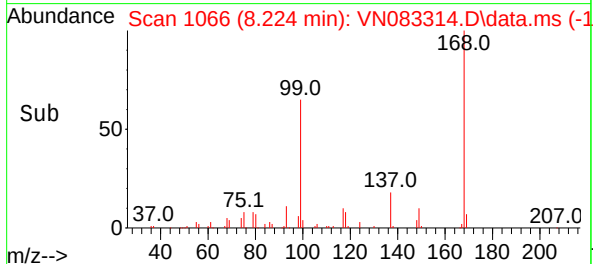
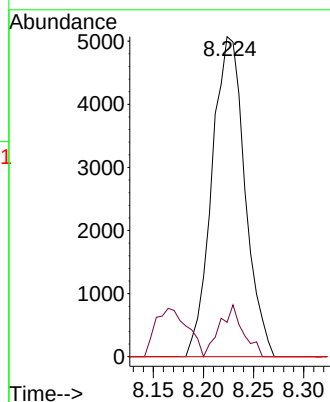


#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 8.224 min Scan# 11622
Delta R.T. -0.147 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :

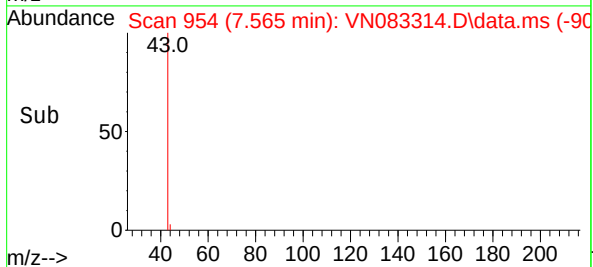
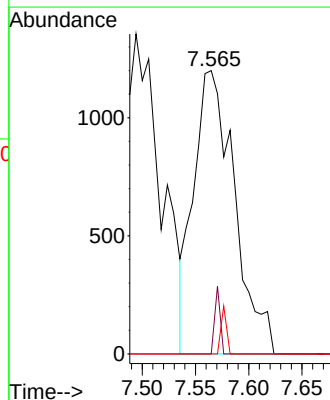
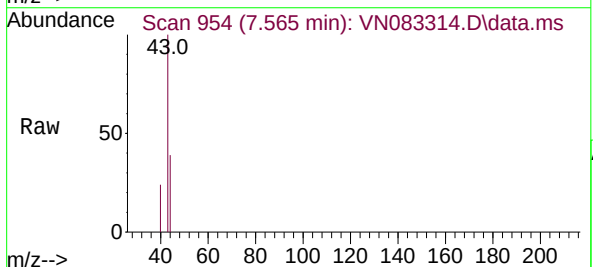


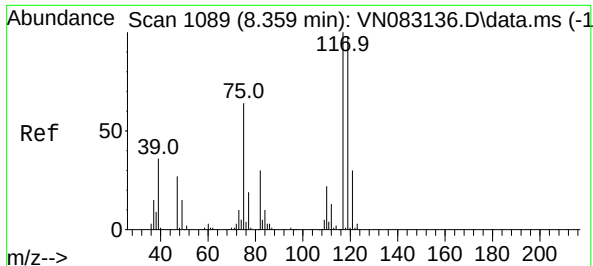
Tgt Ion: 75 Resp: 11622
Ion Ratio Lower Upper
75 100
110 11.5 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.139 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
61 3.2 9.3 13.9#
70 2.2 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.364 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

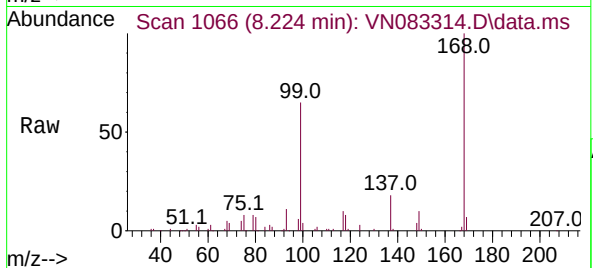
Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :



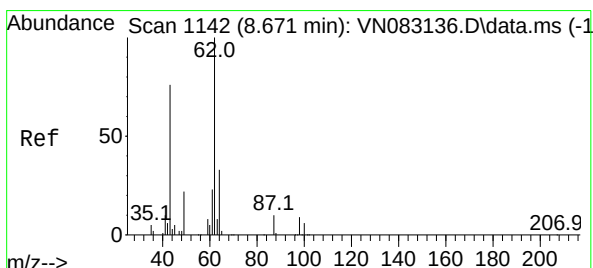
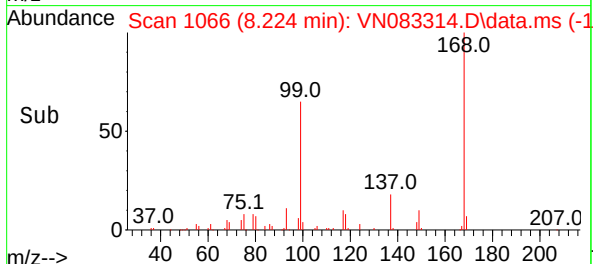
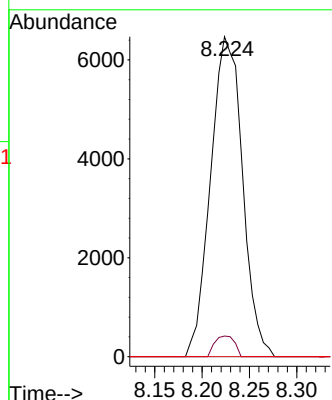
Tgt Ion:117 Resp: 15166

Ion Ratio Lower Upper

117 100

119 6.5 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.305 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN083314.D

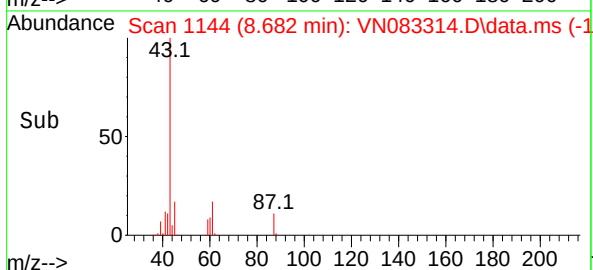
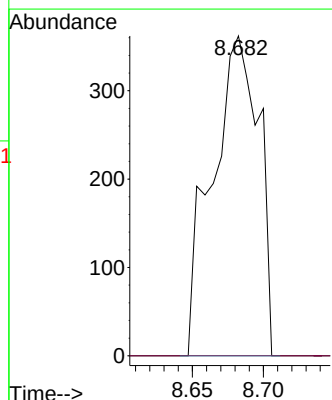
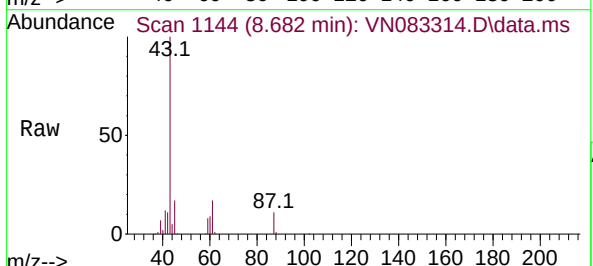
Acq: 14 Aug 2024 20:31

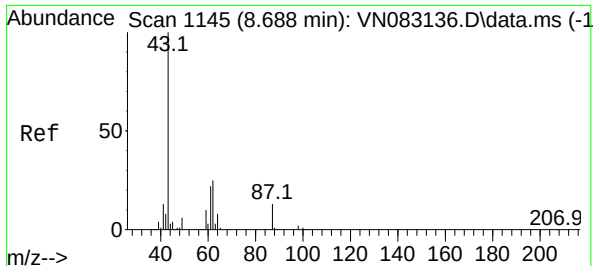
Tgt Ion: 62 Resp: 830

Ion Ratio Lower Upper

62 100

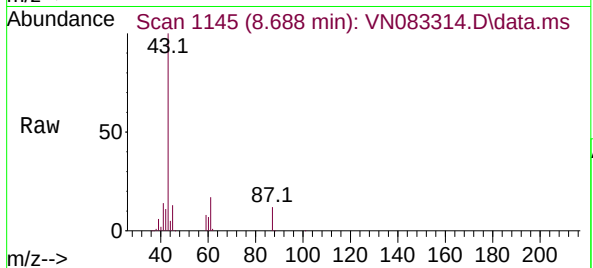
98 0.0 0.0 15.8



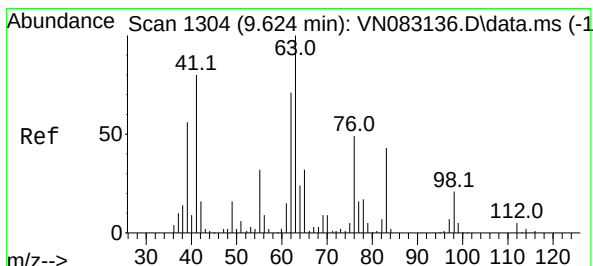
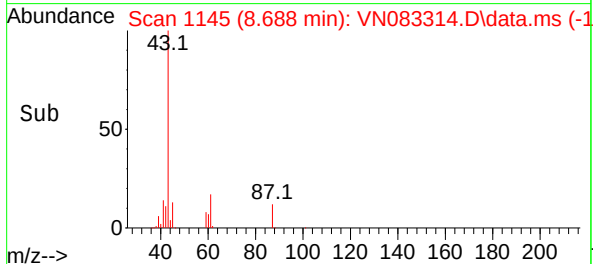
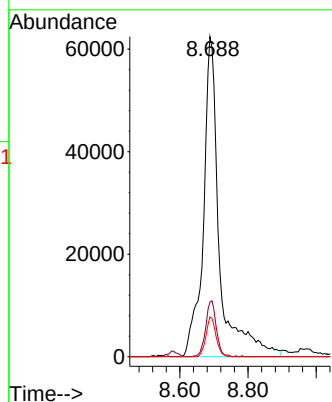


#43
Isopropyl Acetate
Concen: 41.520 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Instrument :
MSVOA_N
ClientSampleId :

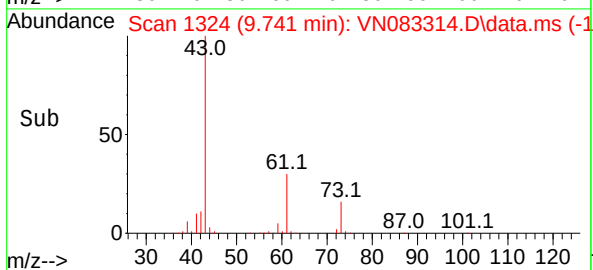
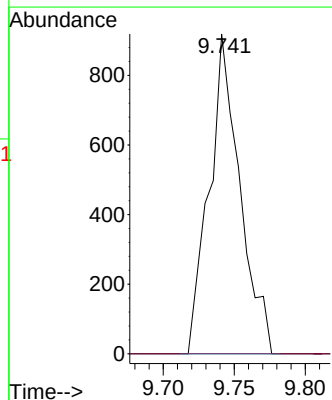
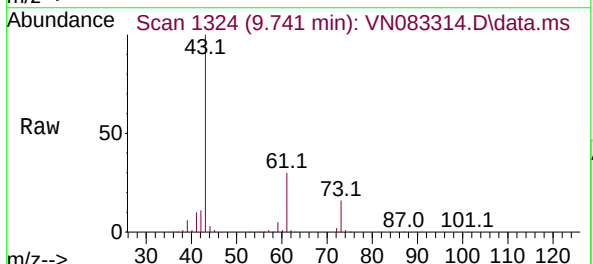


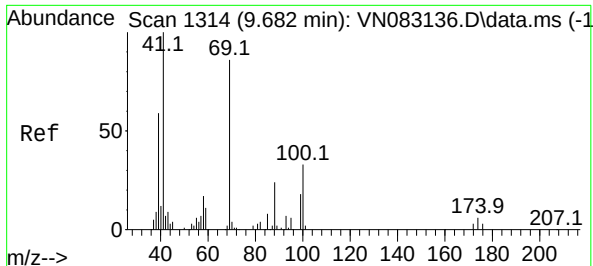
Tgt Ion: 43 Resp: 204934
Ion Ratio Lower Upper
43 100
61 11.5 17.8 26.6#
87 7.7 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.777 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Tgt Ion: 63 Resp: 1379
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#





#48

Methyl methacrylate

Concen: 1.376 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

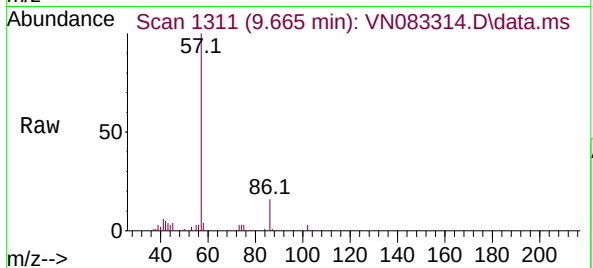
Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :



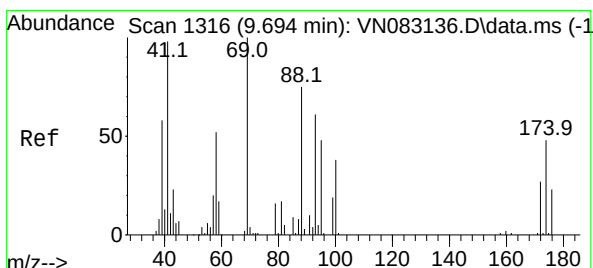
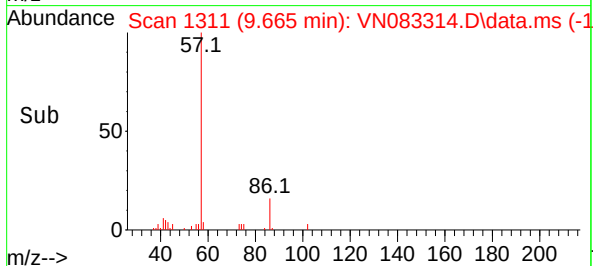
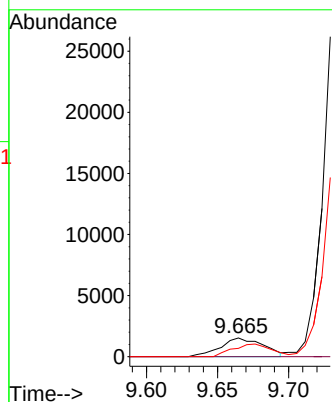
Tgt Ion: 41 Resp: 3197

Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 61.3 50.3 75.5



#49

1,4-Dioxane

Concen: 1.550 ug/l

RT: 9.747 min Scan# 1325

Delta R.T. 0.053 min

Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

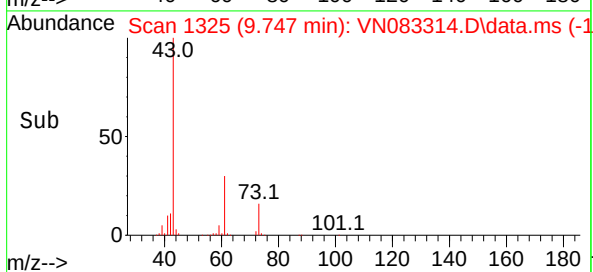
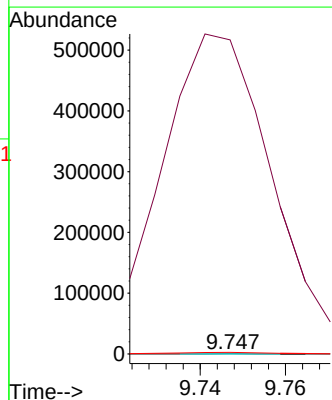
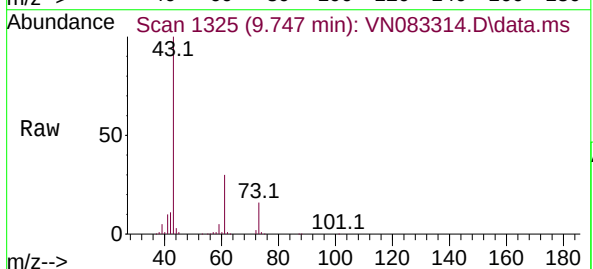
Tgt Ion: 88 Resp: 65

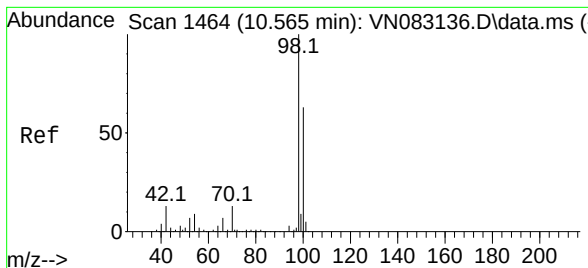
Ion Ratio Lower Upper

88 100

43 1503112.3 27.8 41.8#

58 6926.2 59.4 89.0#





#50

Toluene-d8

Concen: 53.788 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

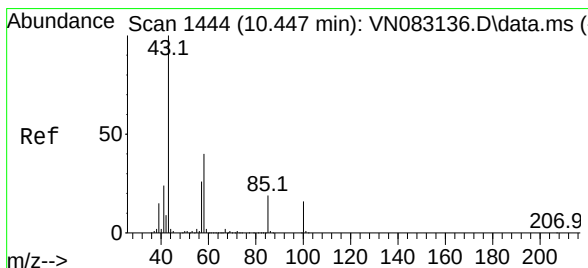
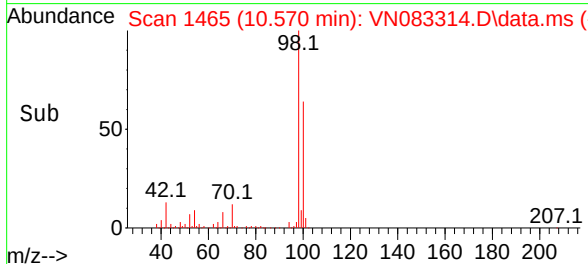
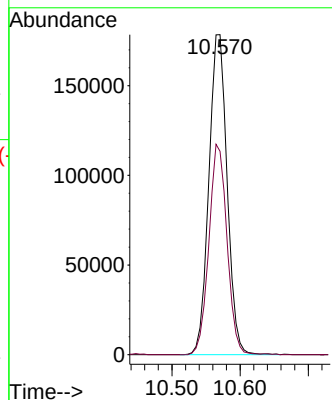
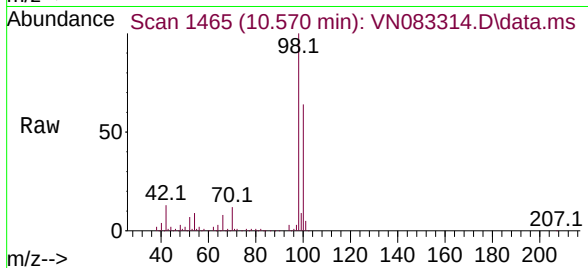
ClientSampleId :

Tgt Ion: 98 Resp: 332956

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 1.746 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN083314.D

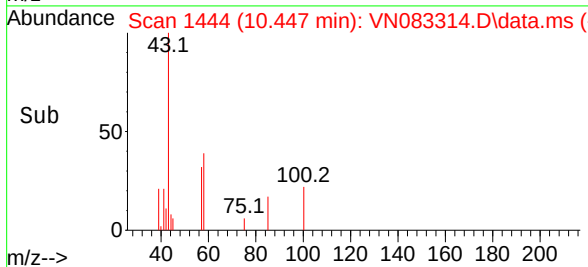
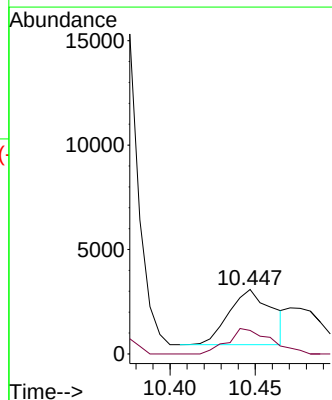
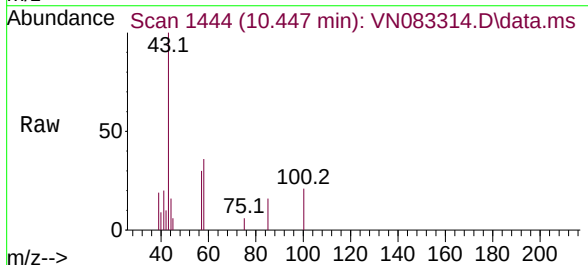
Acq: 14 Aug 2024 20:31

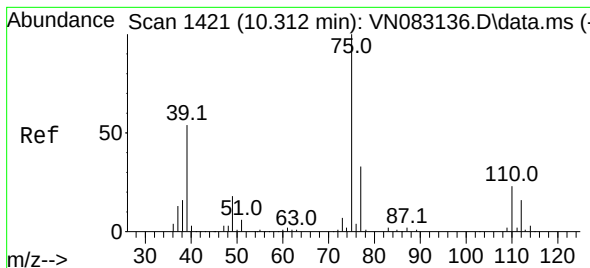
Tgt Ion: 43 Resp: 4642

Ion Ratio Lower Upper

43 100

58 45.9 28.2 42.4#

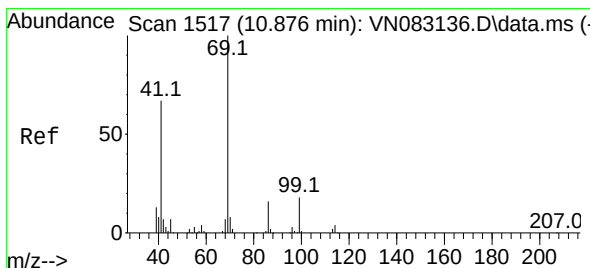
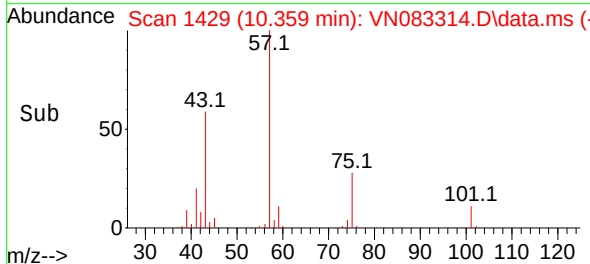
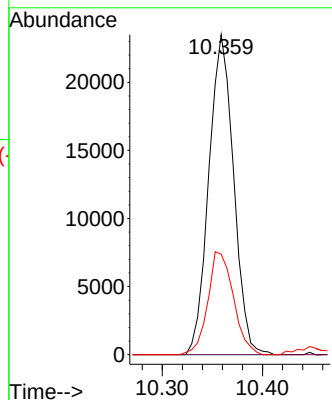
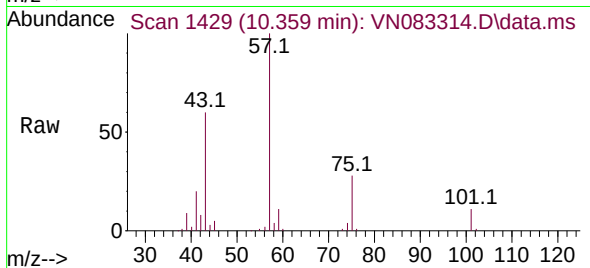




#54
cis-1,3-Dichloropropene
Concen: 12.939 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

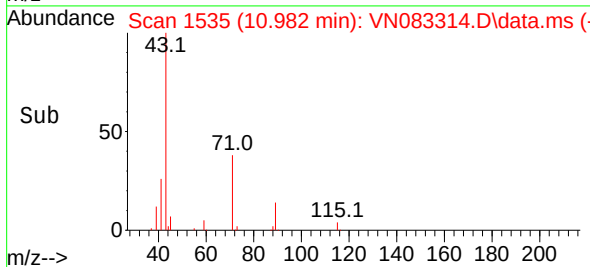
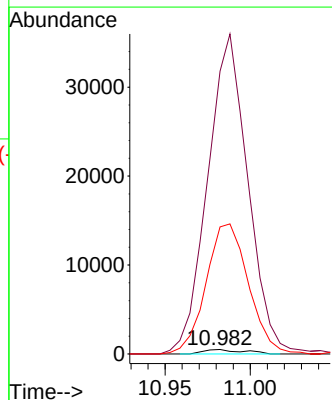
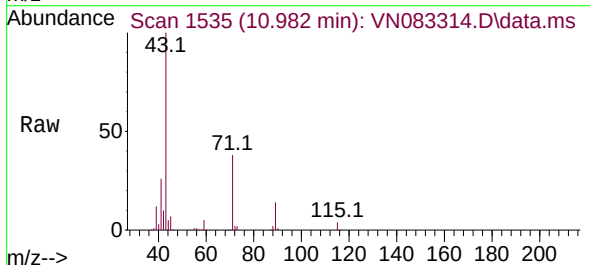
Instrument :
MSVOA_N
ClientSampleId :

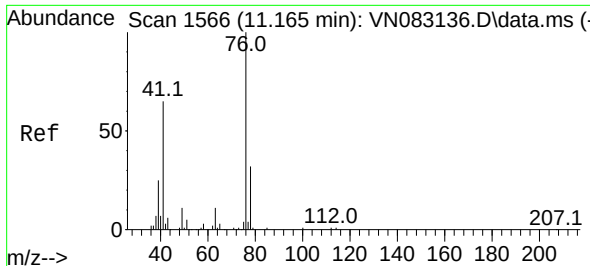
Tgt Ion: 75 Resp: 40332
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 31.4 50.5 75.7#



#56
Ethyl methacrylate
Concen: 0.255 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN083314.D
Acq: 14 Aug 2024 20:31

Tgt Ion: 69 Resp: 815
Ion Ratio Lower Upper
69 100
41 7303.8 63.4 95.2#
39 3111.9 37.4 56.0#





#57

1,3-Dichloropropane

Concen: 1.607 ug/l

RT: 11.200 min Scan# 1567

Delta R.T. 0.035 min

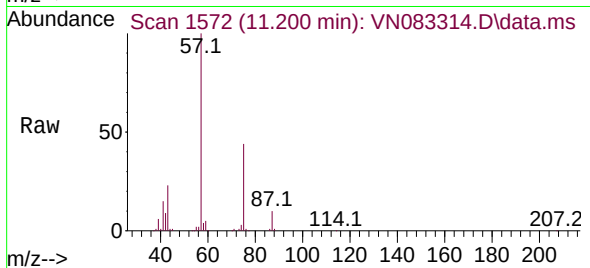
Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

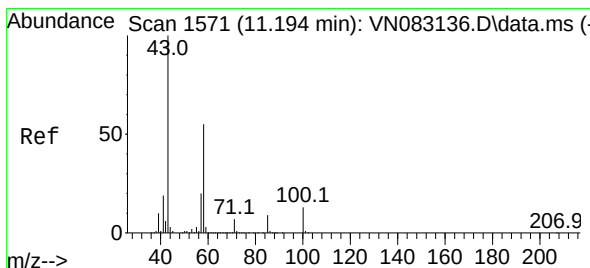
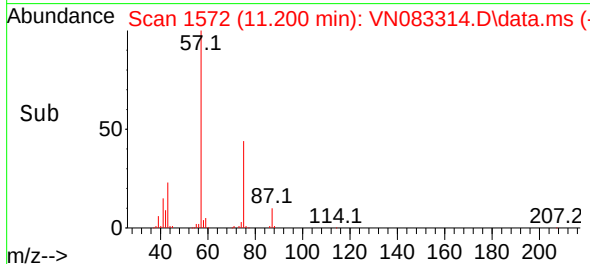
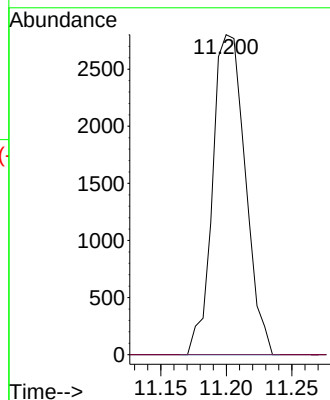


Tgt Ion: 76 Resp: 4850

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 45.906 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN083314.D

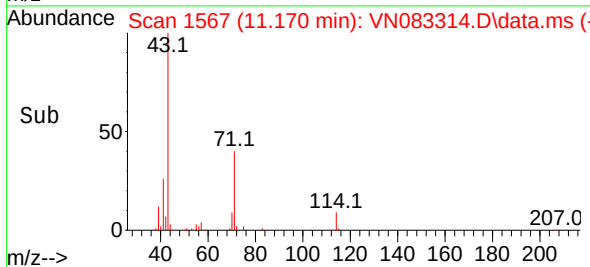
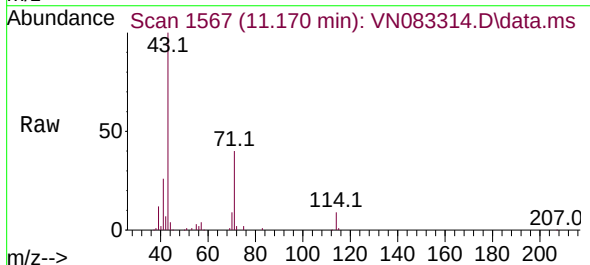
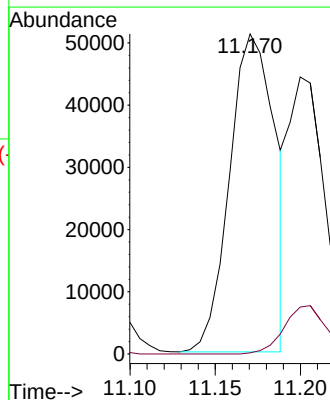
Acq: 14 Aug 2024 20:31

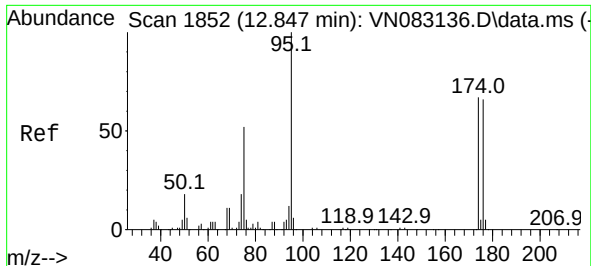
Tgt Ion: 43 Resp: 94394

Ion Ratio Lower Upper

43 100

58 0.0 24.6 73.8#





#62

4-Bromofluorobenzene

Concen: 56.660 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

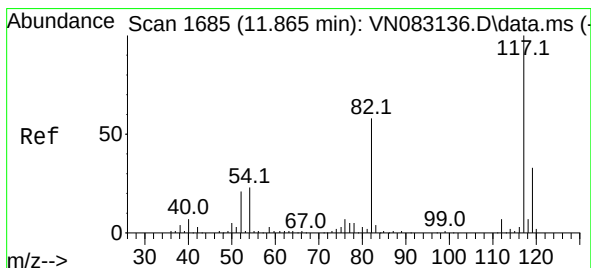
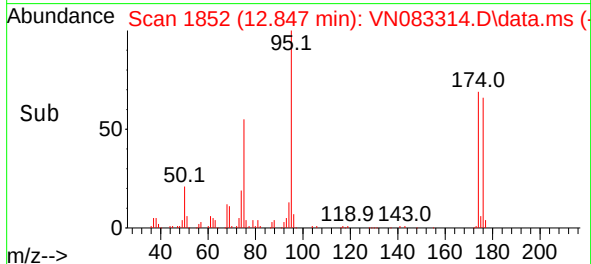
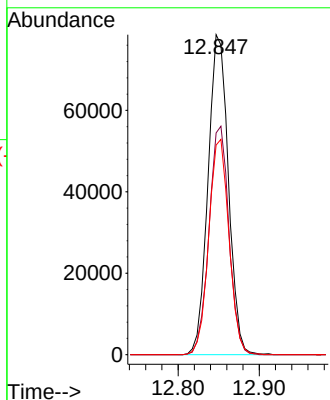
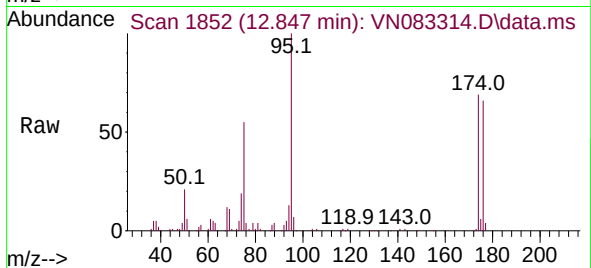
Tgt Ion: 95 Resp: 136738

Ion Ratio Lower Upper

95 100

174 70.1 0.0 159.2

176 66.9 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: VN083314.D

Acq: 14 Aug 2024 20:31

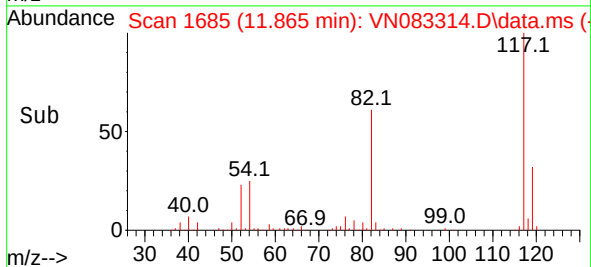
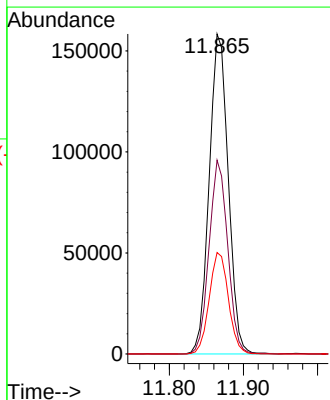
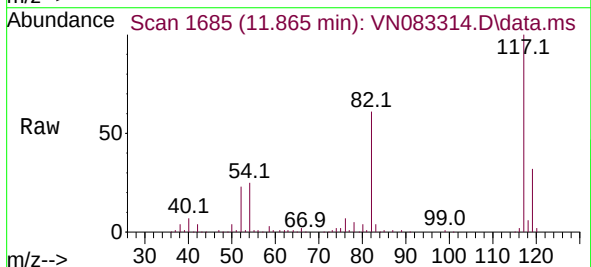
Tgt Ion: 117 Resp: 282605

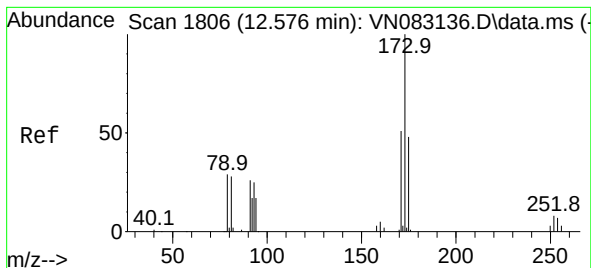
Ion Ratio Lower Upper

117 100

82 60.6 47.5 71.3

119 31.7 25.6 38.4





#71

Bromoform

Concen: 0.236 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.270 min

Lab File: VN083314.D

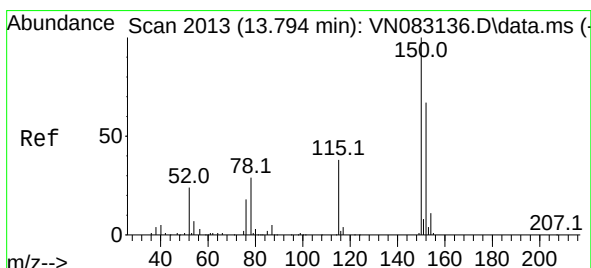
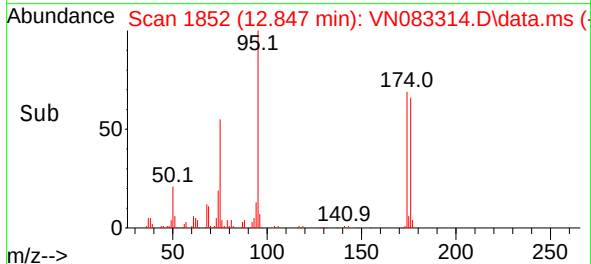
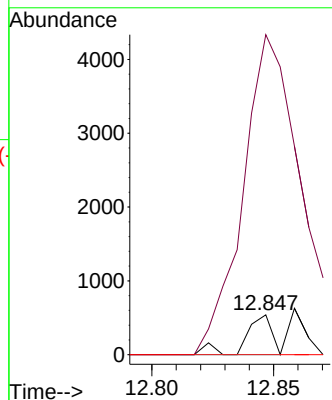
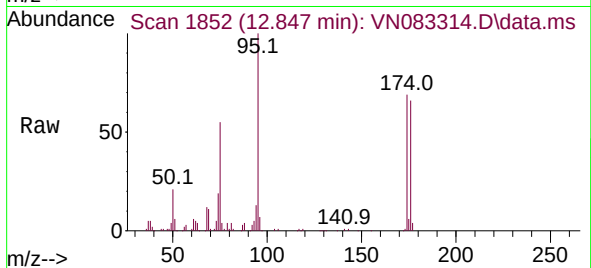
Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	393
Ion Ratio	Lower	Upper	
173	100		
175	1275.3	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

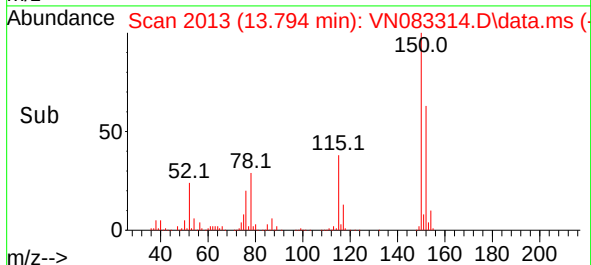
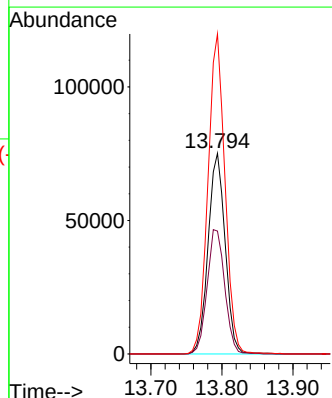
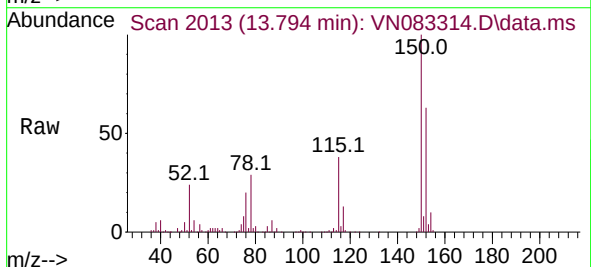
RT: 13.794 min Scan# 2013

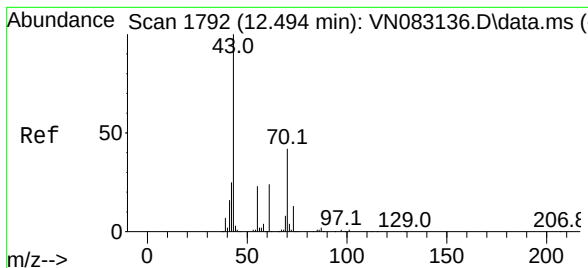
Delta R.T. -0.000 min

Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Tgt Ion:	152	Resp:	125531
Ion Ratio	Lower	Upper	
152	100		
115	63.9	30.6	91.6
150	158.5	0.0	348.6





#74

N-amyI acetate

Concen: 0.225 ug/l

RT: 12.494 min Scan# 1

Delta R.T. -0.000 min

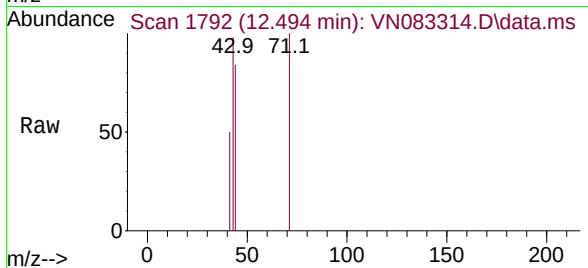
Lab File: VN083314.D

Acq: 14 Aug 2024 20:31

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 1154

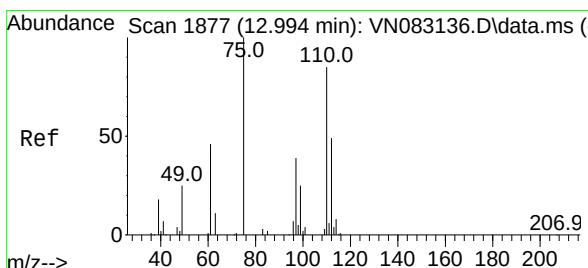
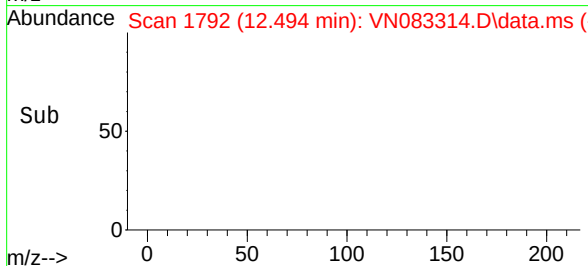
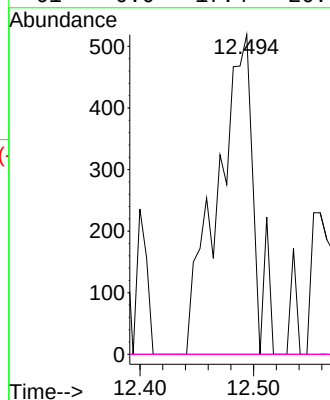
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.6#

55 0.0 18.7 28.1#

61 0.0 17.4 26.0#



#76

1,2,3-Trichloropropane

Concen: 27.650 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083314.D

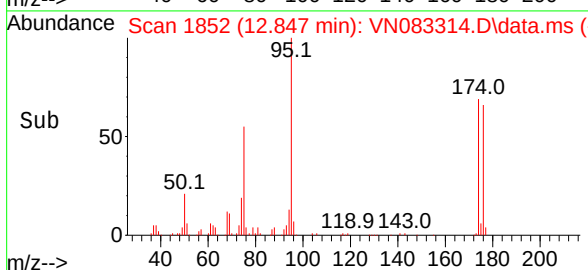
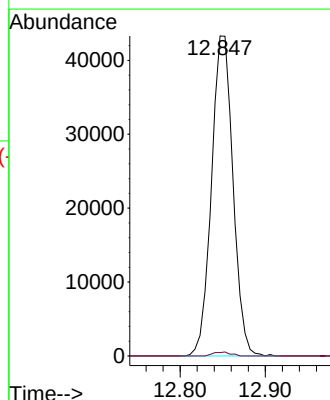
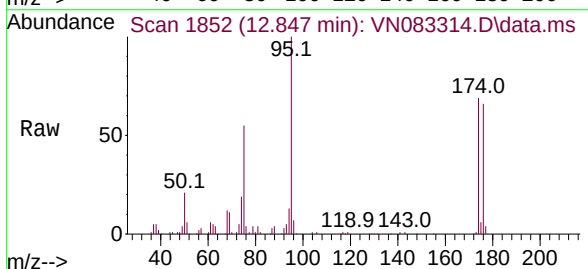
Acq: 14 Aug 2024 20:31

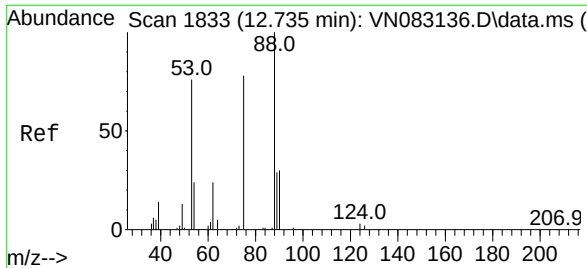
Tgt Ion: 75 Resp: 76177

Ion Ratio Lower Upper

75 100

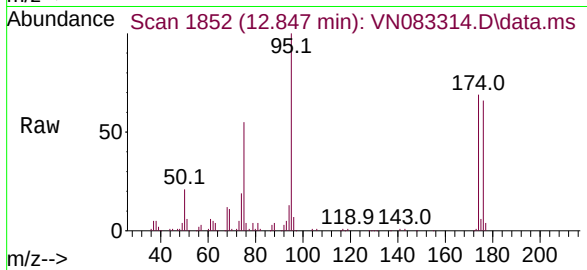
77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.144 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083314.D
 Acq: 14 Aug 2024 20:31

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 76177
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

