

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083508.D
 Acq On : 27 Aug 2024 14:41
 Operator : JC\MD
 Sample : PB162992ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:46:34 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

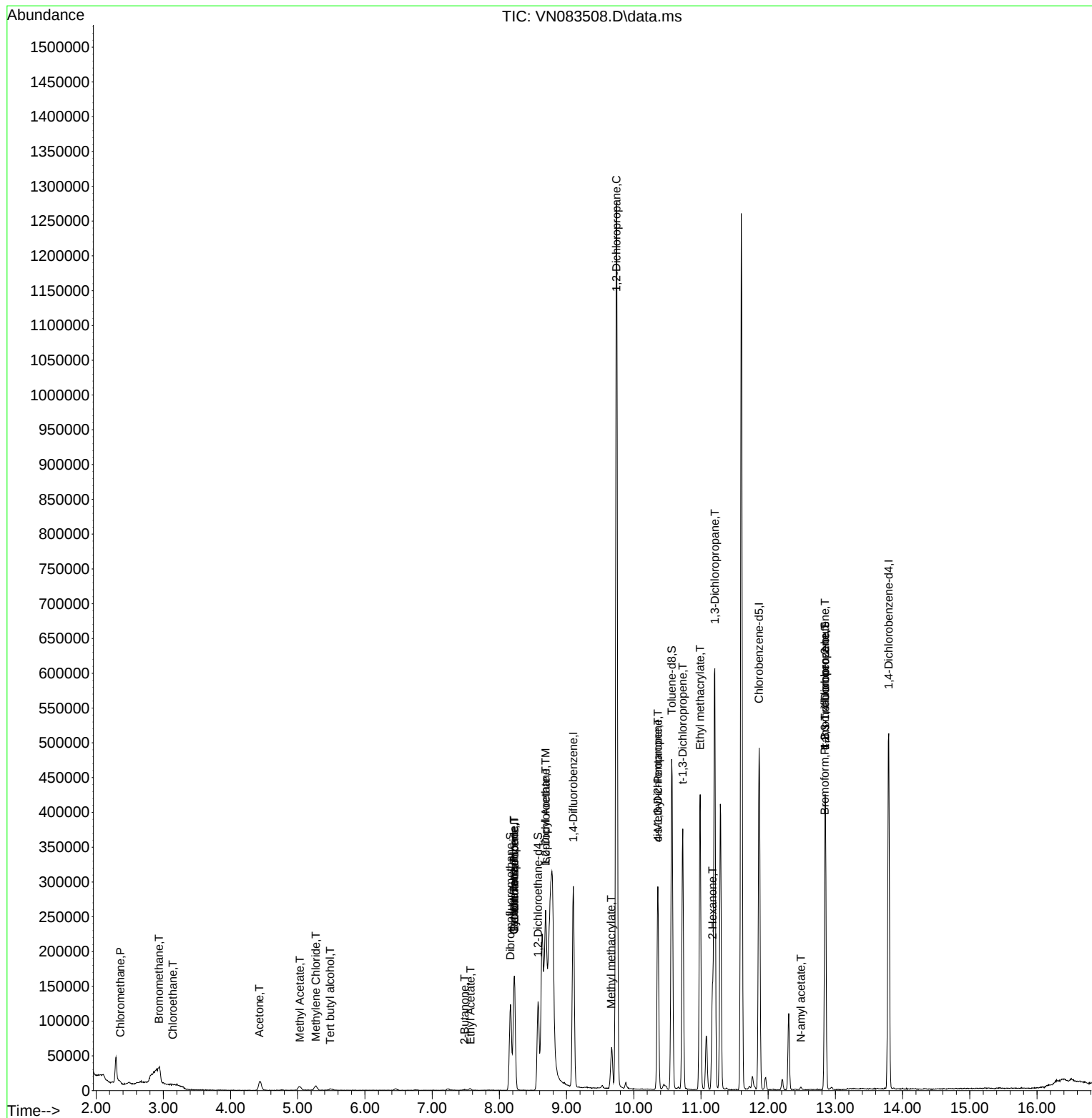
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	114062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109724	67.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 135.160%#	
35) Dibromofluoromethane	8.165	113	88644	59.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.280%	
50) Toluene-d8	10.565	98	320058	57.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.440%#	
62) 4-Bromofluorobenzene	12.847	95	149042	68.948	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 137.900%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	698	0.527	ug/l	91
5) Bromomethane	2.936	94	203	0.242	ug/l	82
6) Chloroethane	3.142	64	710	0.840	ug/l #	41
11) Tert butyl alcohol	5.483	59	1365	4.046	ug/l #	71
16) Acetone	4.430	43	19664	30.953	ug/l	96
18) Methyl Acetate	5.030	43	12345	6.522	ug/l	99
20) Methylene Chloride	5.271	84	4948	3.384	ug/l #	73
25) 2-Butanone	7.483	43	2355	2.414	ug/l #	66
31) Cyclohexane	8.218	56	2817	1.171	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	10810	4.808	ug/l #	49
37) Ethyl Acetate	7.571	43	3928	1.560	ug/l #	84
38) Carbon Tetrachloride	8.218	117	13337	5.266	ug/l #	16
42) 1,2-Dichloroethane	8.688	62	1397	0.573	ug/l #	78
43) Isopropyl Acetate	8.688	43	308946	72.645	ug/l #	80
45) 1,2-Dichloropropane	9.741	63	1497	0.941	ug/l #	44
48) Methyl methacrylate	9.665	41	4041	1.941	ug/l #	50
51) 4-Methyl-2-Pentanone	10.359	43	112272	47.158	ug/l #	50
53) t-1,3-Dichloropropene	10.729	75	833	0.317	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	50573	18.114	ug/l #	55
56) Ethyl methacrylate	10.988	69	1165	0.407	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6787	2.510	ug/l #	43
59) 2-Hexanone	11.171	43	120565	65.459	ug/l #	28
71) Bromoform	12.841	173	498	0.309	ug/l #	29
74) N-amyl acetate	12.488	43	1260	0.232	ug/l #	49
76) 1,2,3-Trichloropropane	12.847	75	82402	28.236	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82402	61.420	ug/l #	6

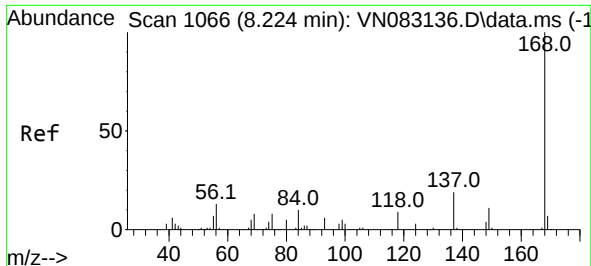
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
Data File : VN083508.D
Acq On : 27 Aug 2024 14:41
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Sample : PB162992ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

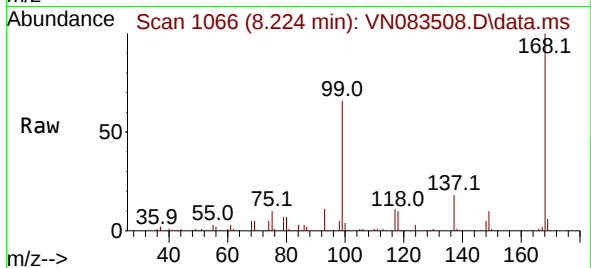
Quant Time: Aug 28 01:46:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
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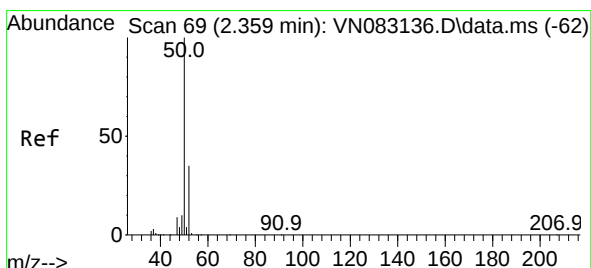
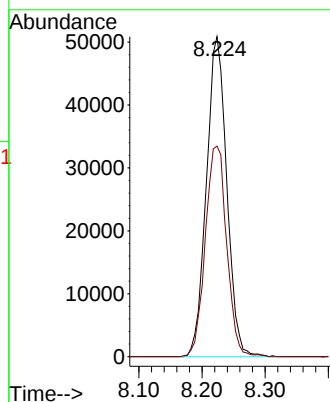
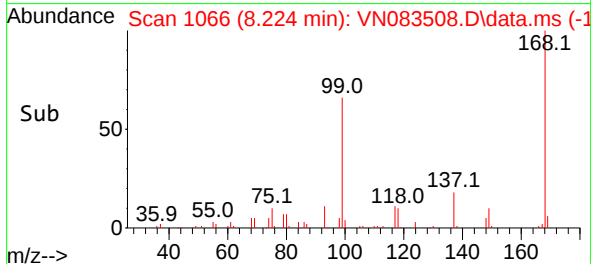


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

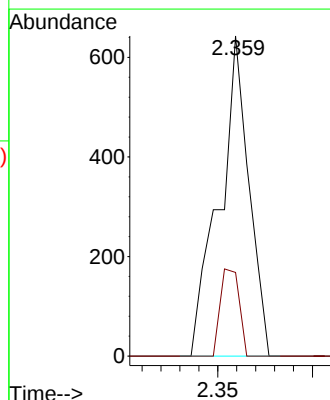
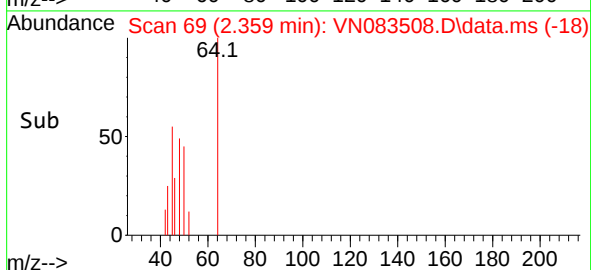
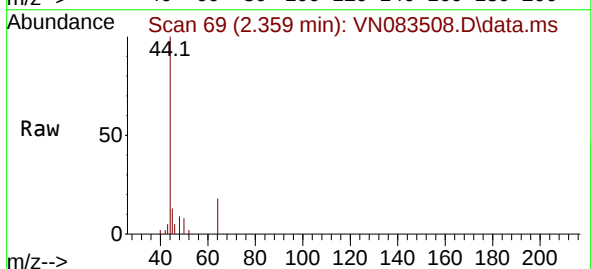


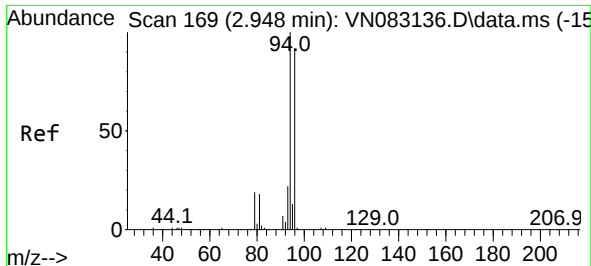
Tgt Ion:168 Resp: 114062
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4



#3
Chloromethane
Concen: 0.527 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 50 Resp: 698
Ion Ratio Lower Upper
50 100
52 26.1 25.0 37.4

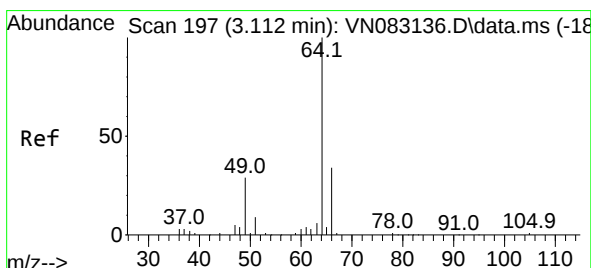
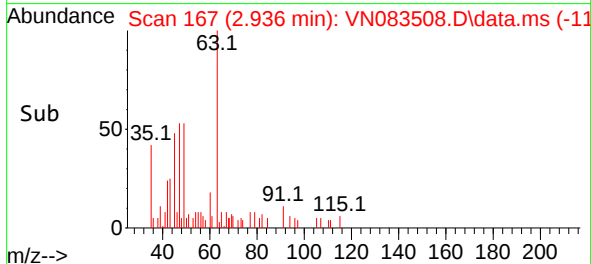
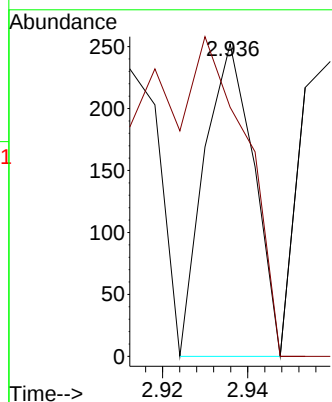
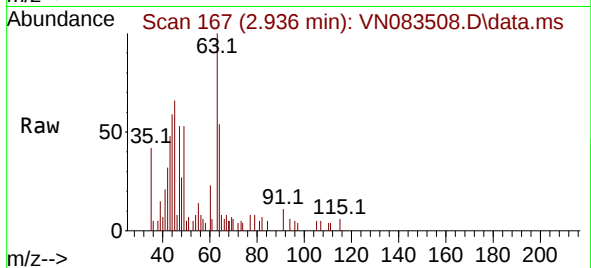




#5
Bromomethane
Concen: 0.242 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

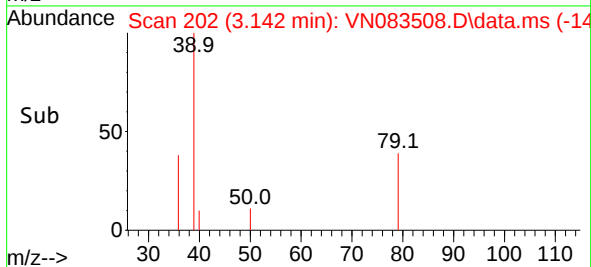
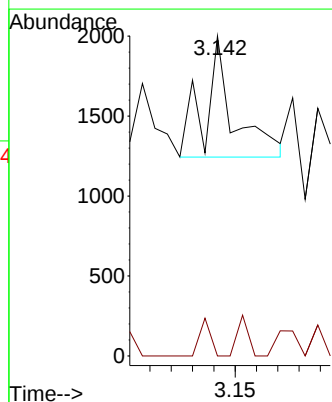
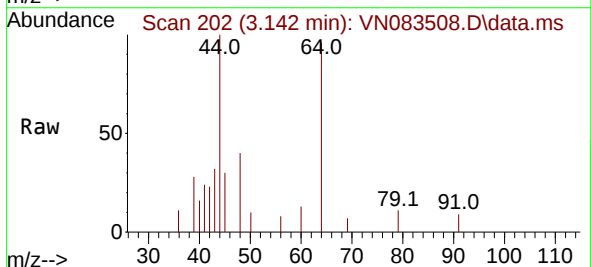
Instrument :
MSVOA_N
ClientSampleId :

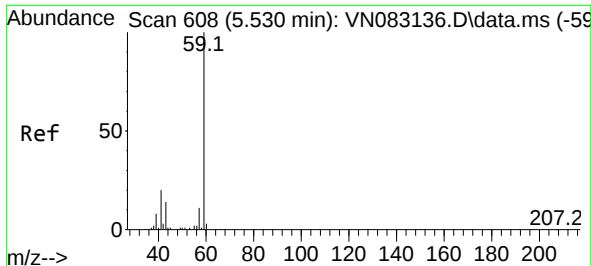
Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 79.8 78.0 117.0



#6
Chloroethane
Concen: 0.840 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.029 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

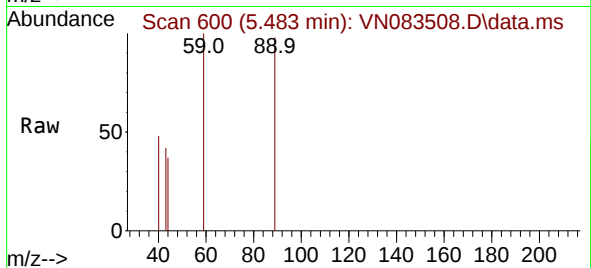
Tgt Ion: 64 Resp: 710
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



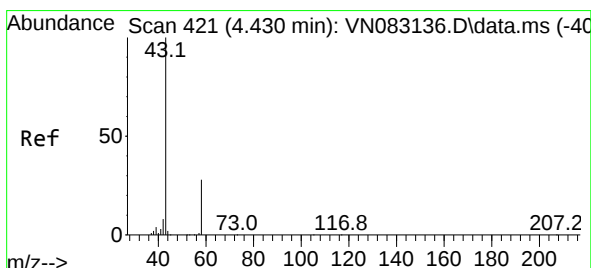
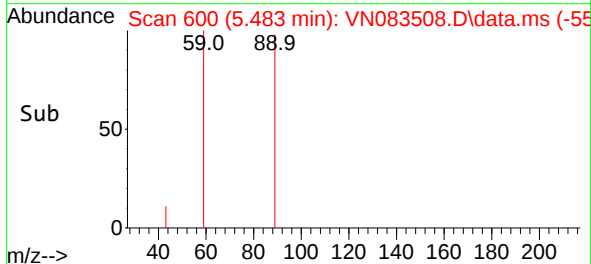
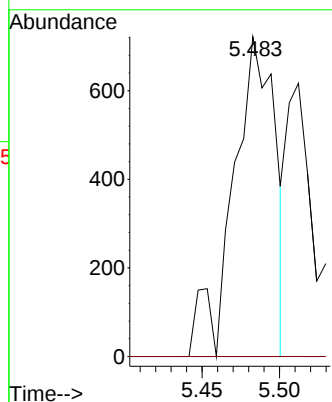


#11
Tert butyl alcohol
Concen: 4.046 ug/l
RT: 5.483 min Scan# 608
Delta R.T. -0.047 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

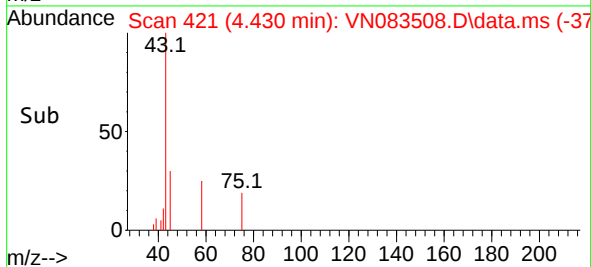
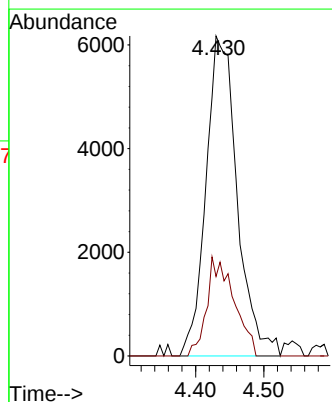
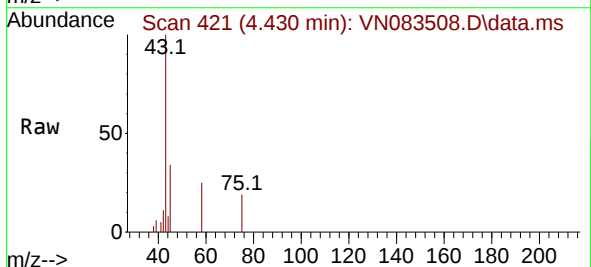


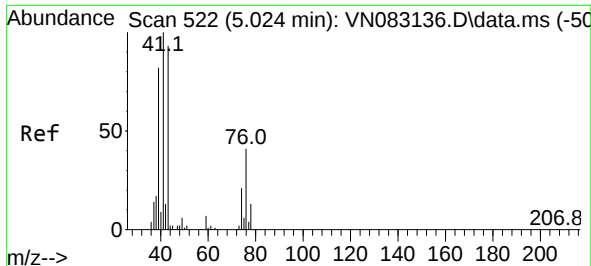
Tgt Ion: 59 Resp: 1365
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#16
Acetone
Concen: 30.953 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

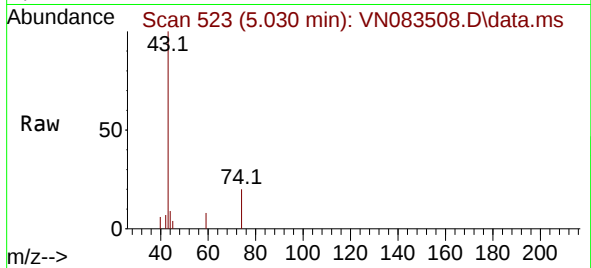
Tgt Ion: 43 Resp: 19664
Ion Ratio Lower Upper
43 100
58 24.9 21.8 32.6



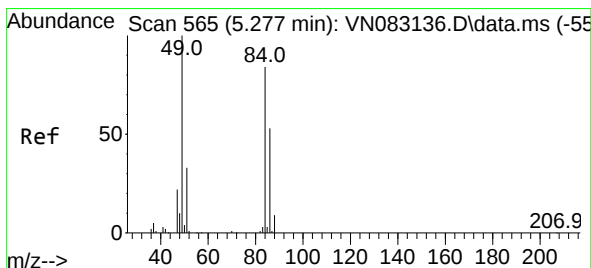
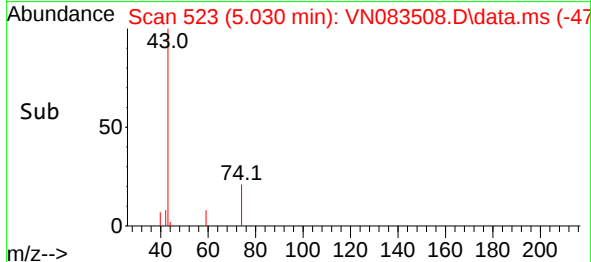
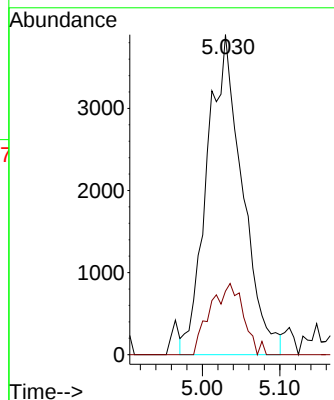


#18
Methyl Acetate
Concen: 6.522 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

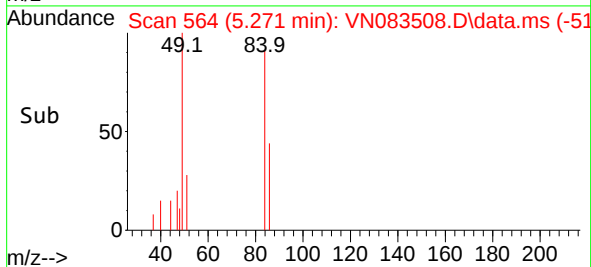
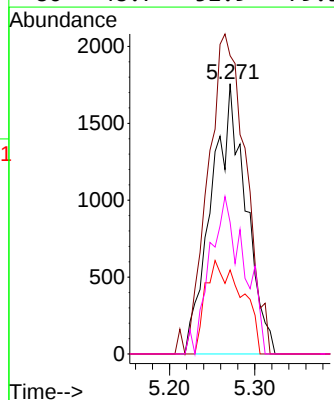
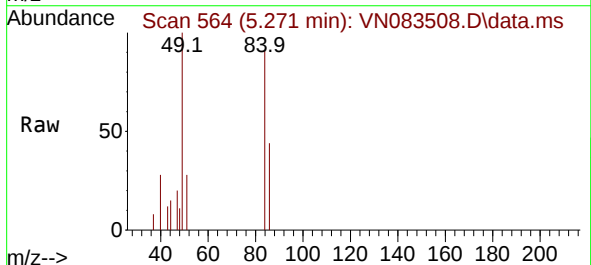


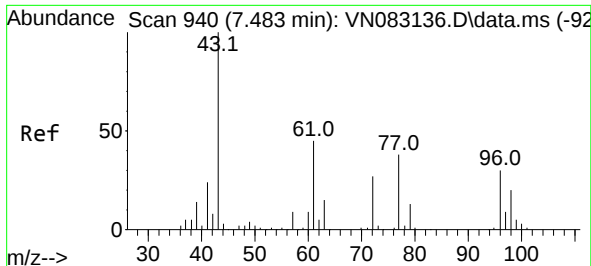
Tgt Ion: 43 Resp: 12345
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5



#20
Methylene Chloride
Concen: 3.384 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 84 Resp: 4948
Ion Ratio Lower Upper
84 100
49 110.4 119.6 179.4#
51 31.1 34.8 52.2#
86 48.7 52.9 79.3#

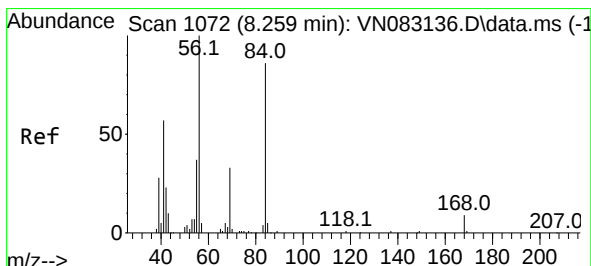
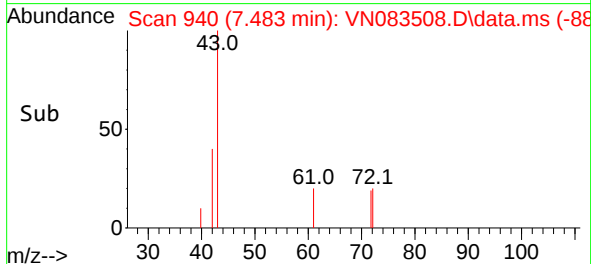
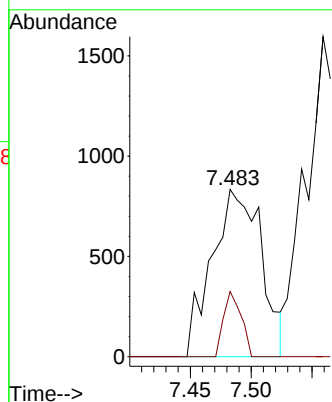
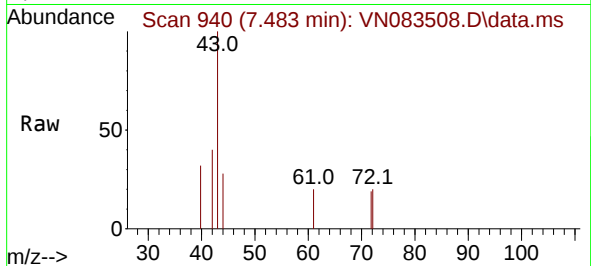




#25
2-Butanone
Concen: 2.414 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

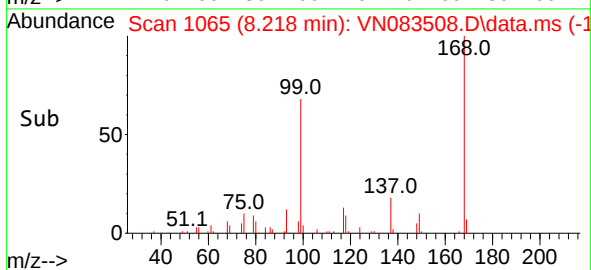
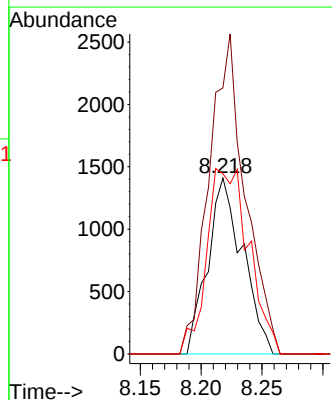
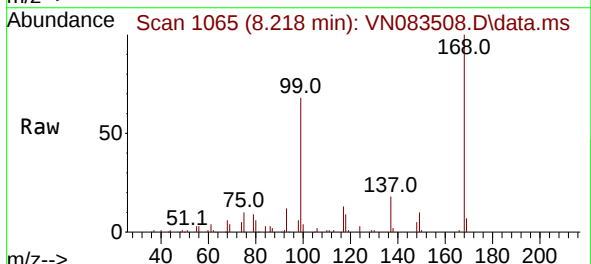
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MSVOA_N
ClientSampleId :

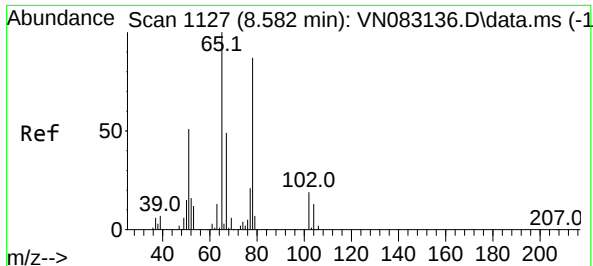
Tgt Ion: 43 Resp: 2355
Ion Ratio Lower Upper
43 100
72 39.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 56 Resp: 2817
Ion Ratio Lower Upper
56 100
69 151.4 24.5 36.7#
84 102.6 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 67.583 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

Instrument :

MSVOA_N

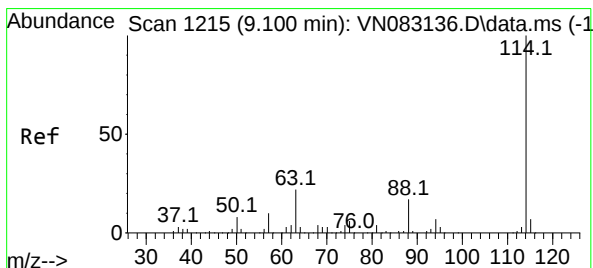
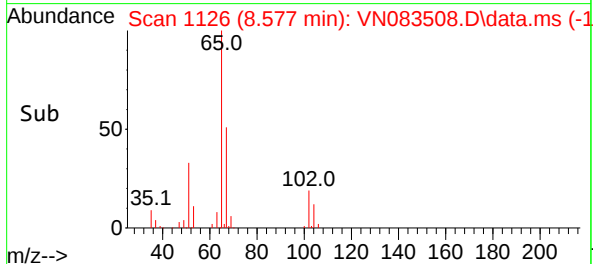
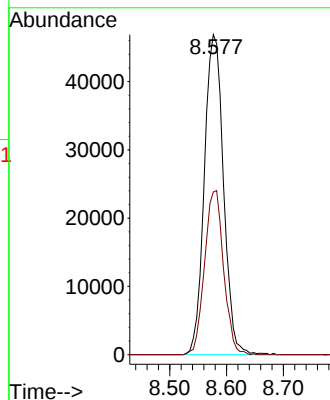
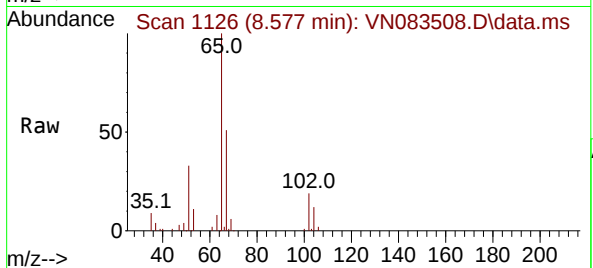
ClientSampleId :

Tgt Ion: 65 Resp: 109724

Ion Ratio Lower Upper

65 100

67 50.9 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: VN083508.D

Acq: 27 Aug 2024 14:41

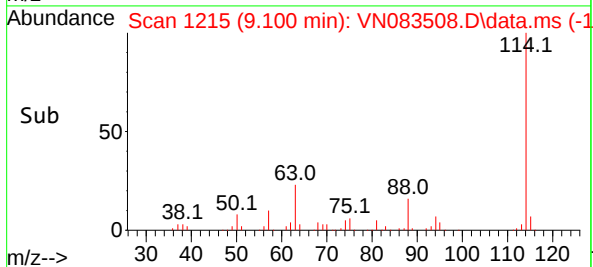
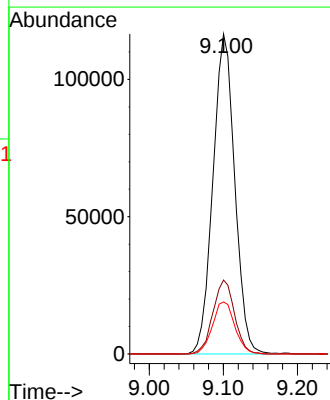
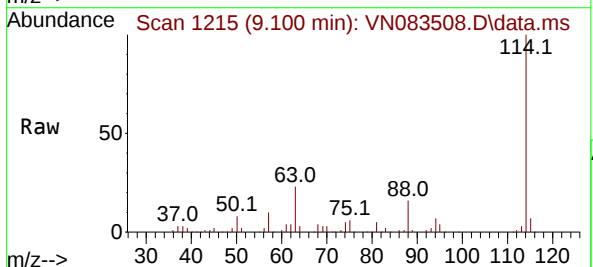
Tgt Ion: 114 Resp: 238140

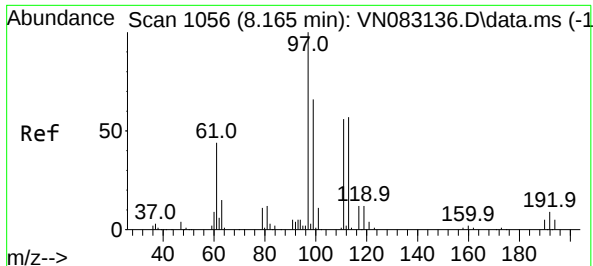
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 16.2 0.0 31.4

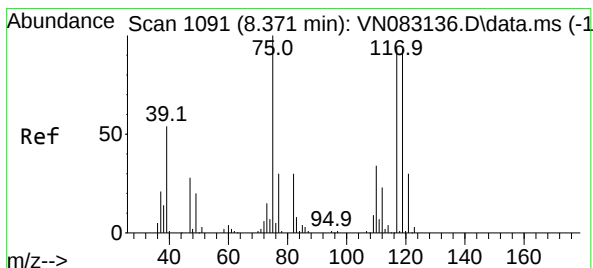
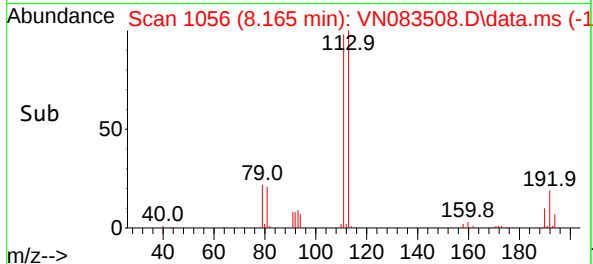
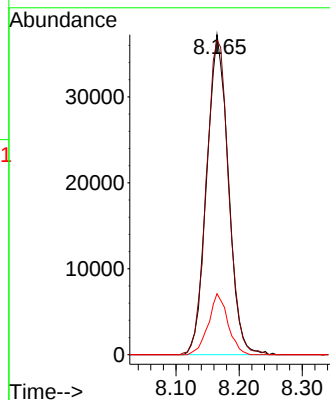
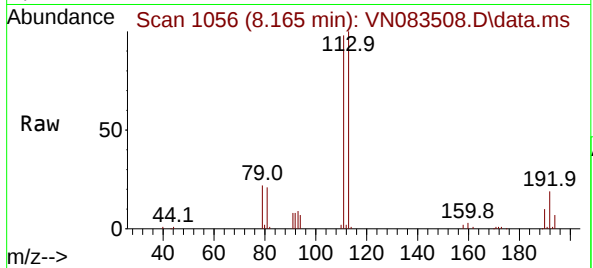




#35
Dibromofluoromethane
Concen: 59.636 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

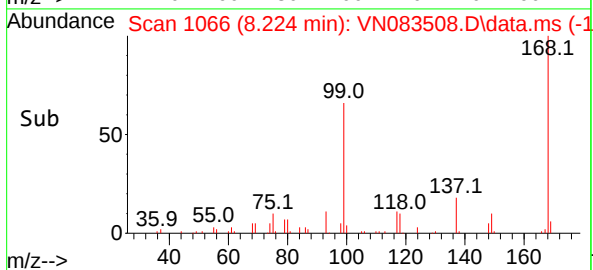
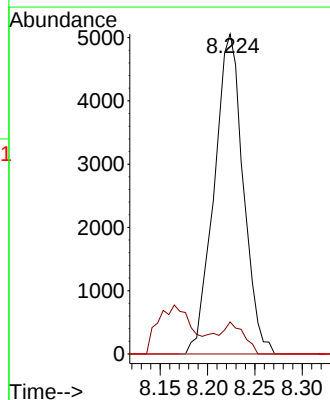
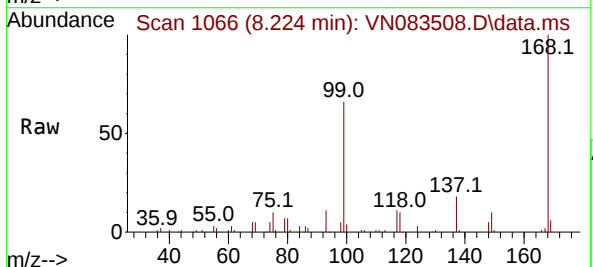
Instrument :
MSVOA_N
ClientSampleId :

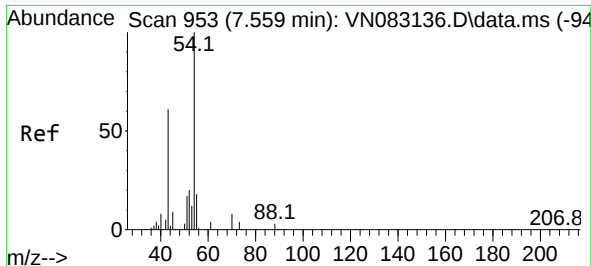
Tgt Ion:113 Resp: 88644
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 17.2 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 75 Resp: 10810
Ion Ratio Lower Upper
75 100
110 6.7 16.3 48.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.560 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

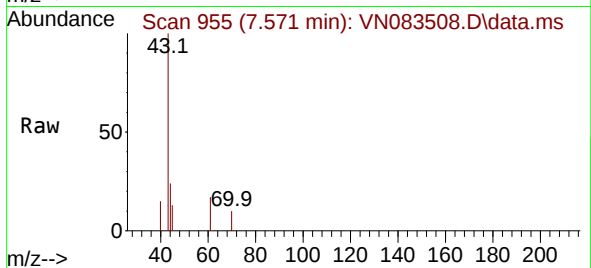
Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :



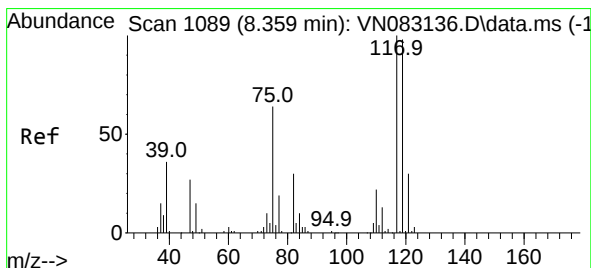
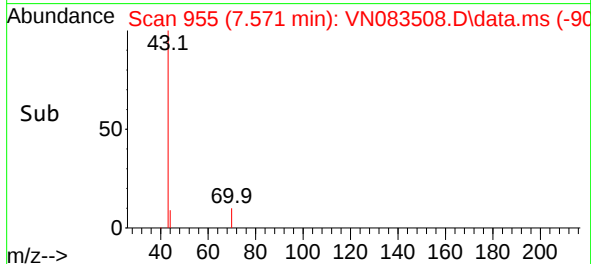
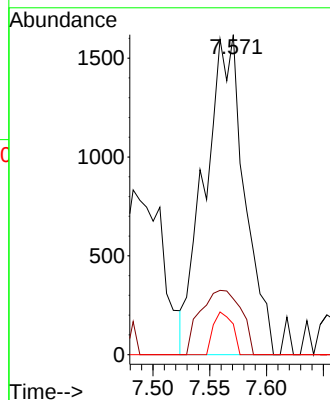
Tgt Ion: 43 Resp: 3928

Ion Ratio Lower Upper

43 100

61 20.7 9.3 13.9#

70 6.4 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.266 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

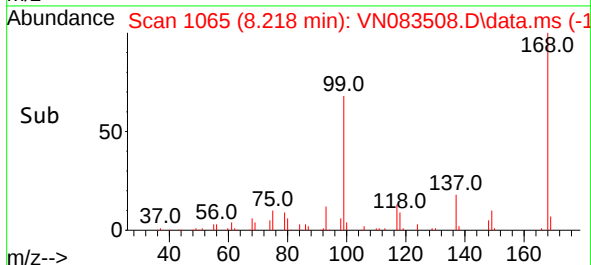
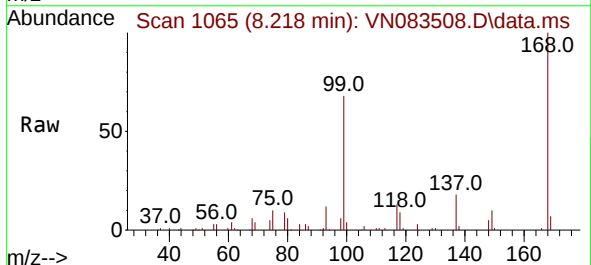
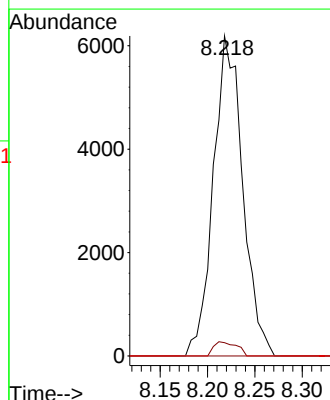
Tgt Ion: 117 Resp: 13337

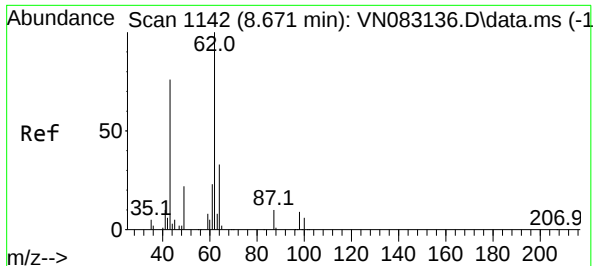
Ion Ratio Lower Upper

117 100

119 4.2 74.9 112.3#

121 0.0 24.3 36.5#

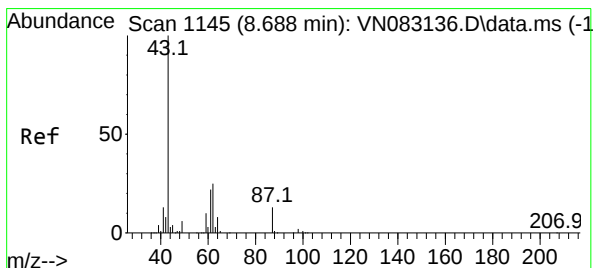
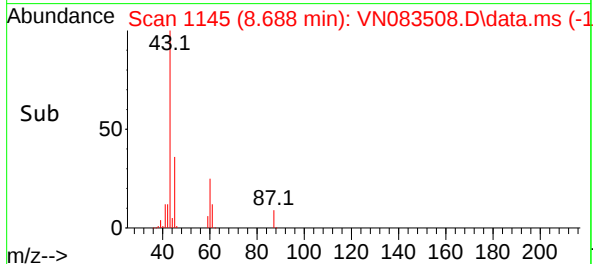
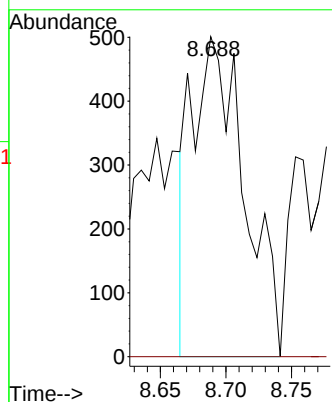
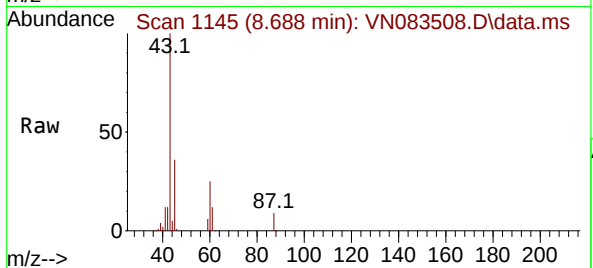




#42
1,2-Dichloroethane
Concen: 0.573 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

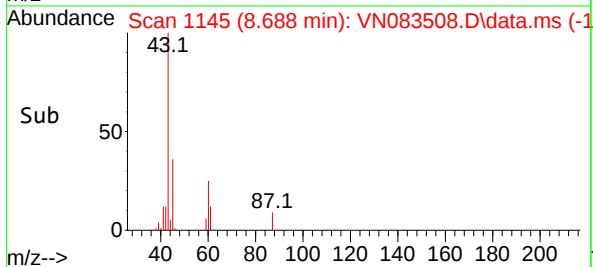
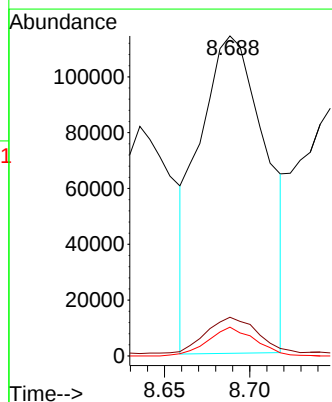
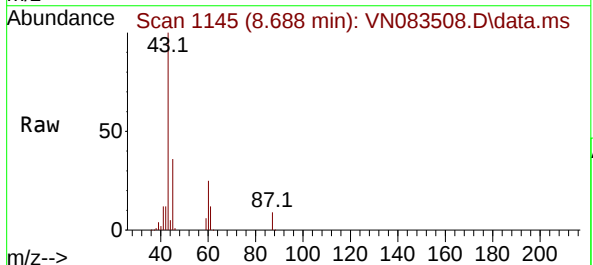
Instrument :
MSVOA_N
ClientSampleId :

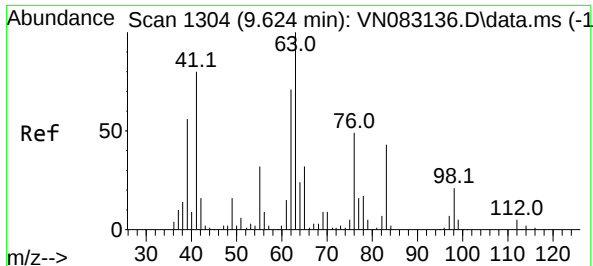
Tgt Ion: 62 Resp: 1397
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8



#43
Isopropyl Acetate
Concen: 72.645 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 43 Resp: 308946
Ion Ratio Lower Upper
43 100
61 10.6 17.8 26.6#
87 6.5 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.941 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

Instrument :

MSVOA_N

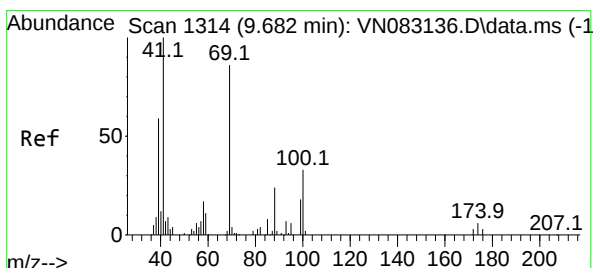
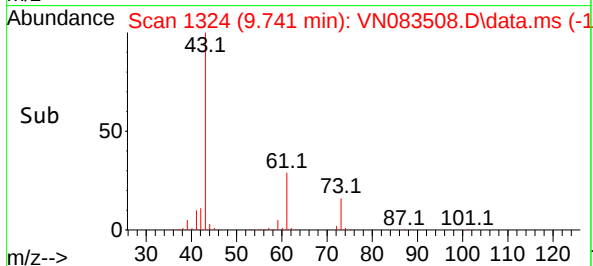
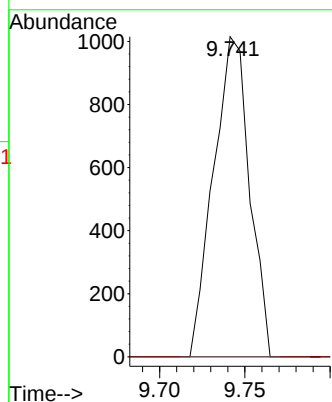
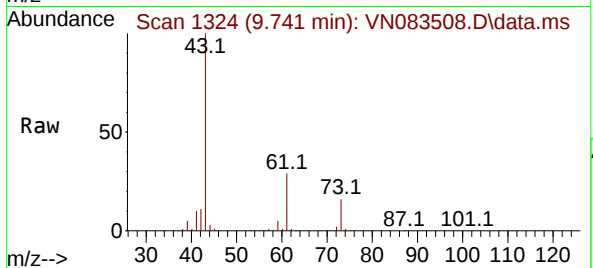
ClientSampleId :

Tgt Ion: 63 Resp: 1497

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.941 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

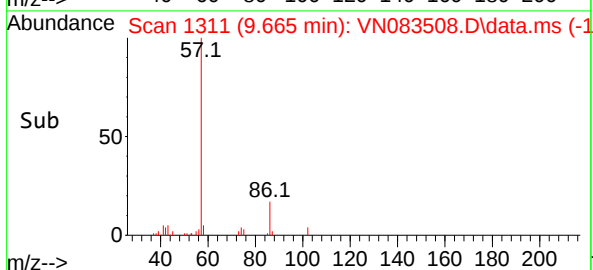
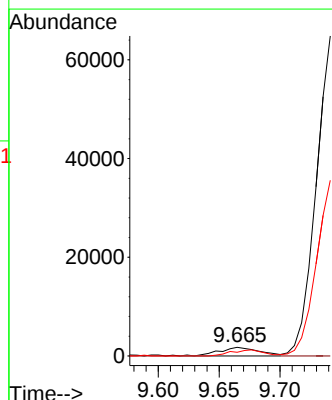
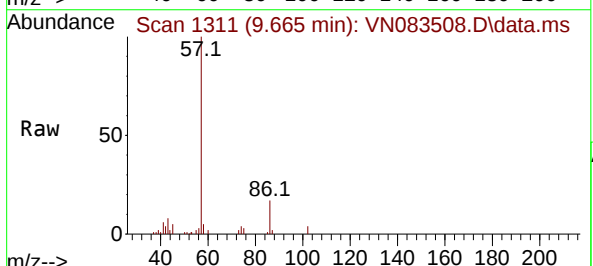
Tgt Ion: 41 Resp: 4041

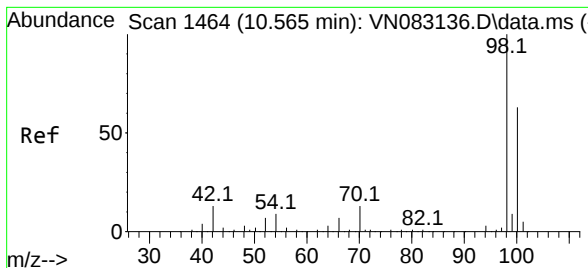
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 55.2 50.3 75.5

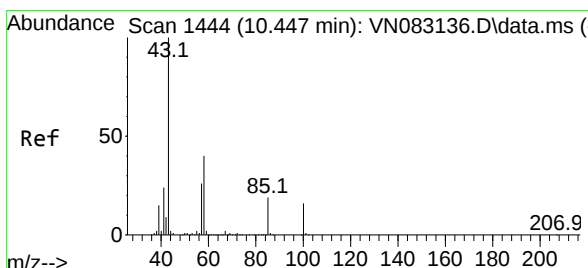
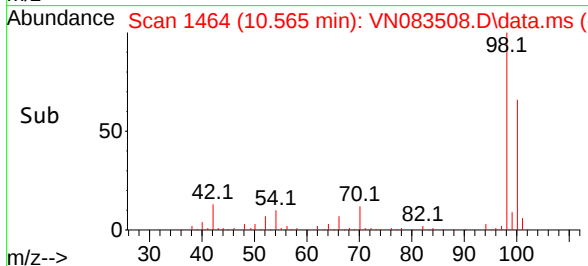
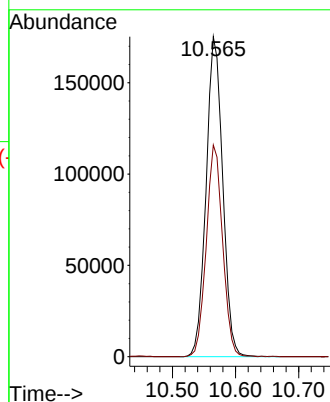
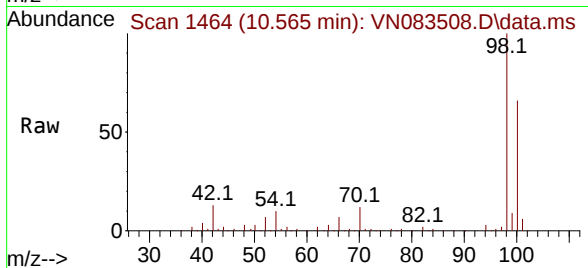




#50
Toluene-d8
Concen: 57.723 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

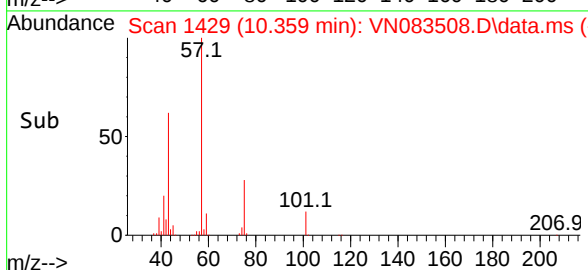
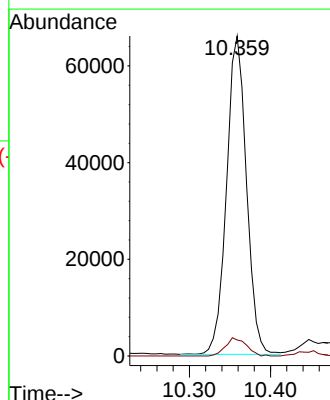
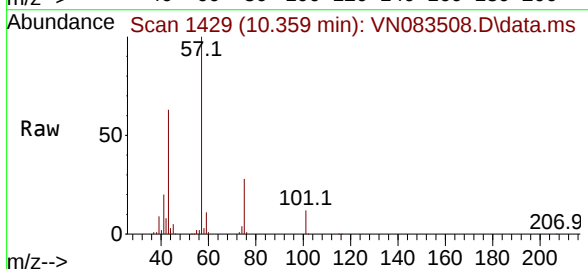
Instrument :
MSVOA_N
ClientSampleId :

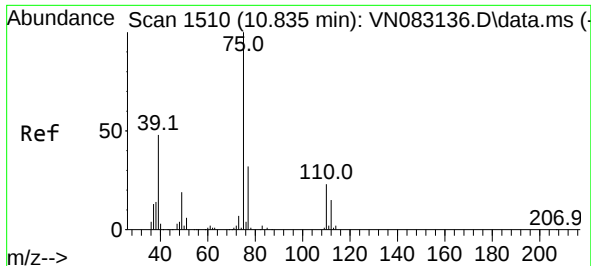
Tgt Ion: 98 Resp: 320058
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 47.158 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

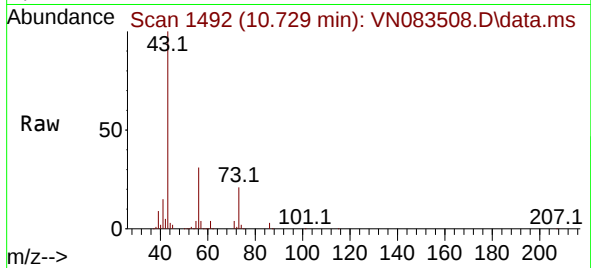
Tgt Ion: 43 Resp: 112272
Ion Ratio Lower Upper
43 100
58 6.0 28.2 42.4#



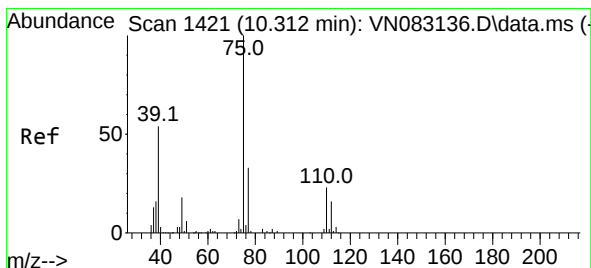
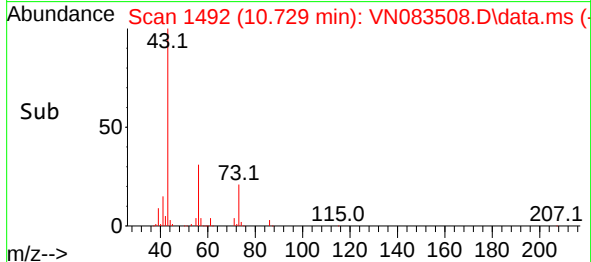
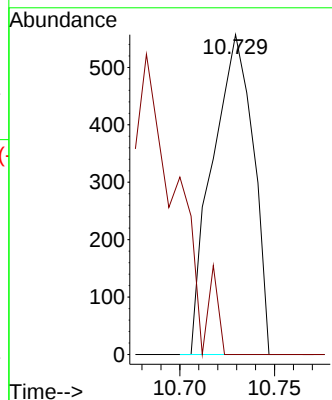


#53
t-1,3-Dichloropropene
Concen: 0.317 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

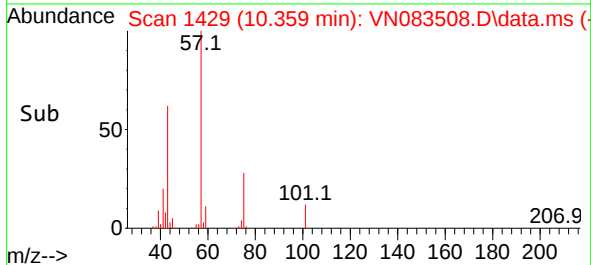
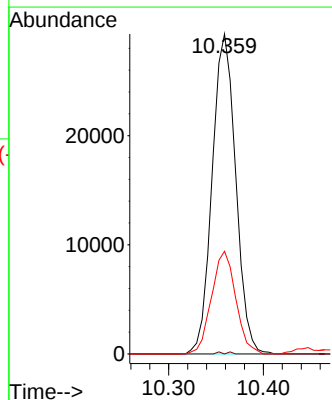
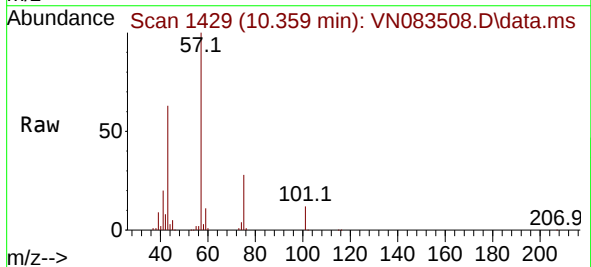


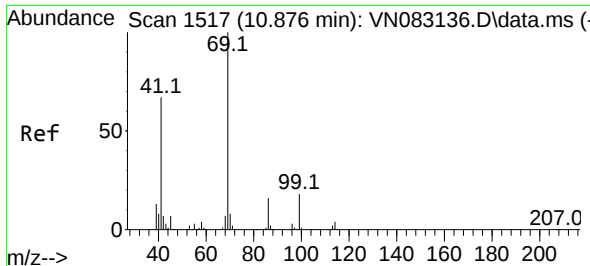
Tgt Ion: 75 Resp: 833
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 18.114 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

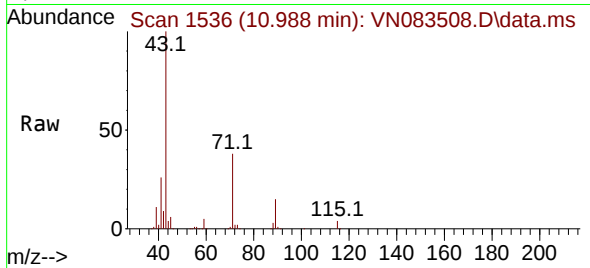
Tgt Ion: 75 Resp: 50573
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 32.1 50.5 75.7#



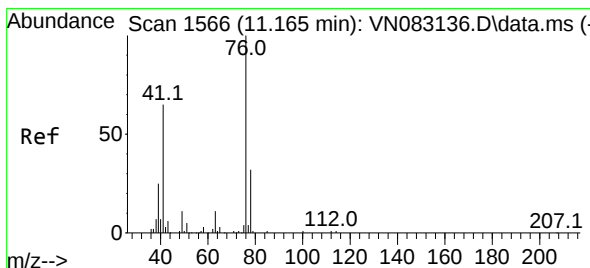
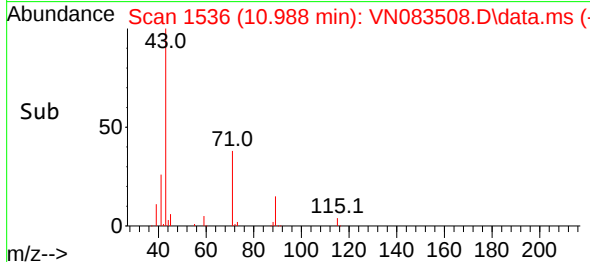
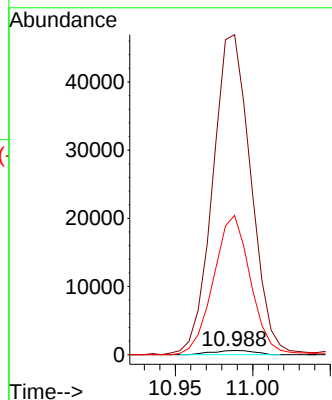


#56
Ethyl methacrylate
Concen: 0.407 ug/l
RT: 10.988 min Scan# 1165
Delta R.T. 0.112 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

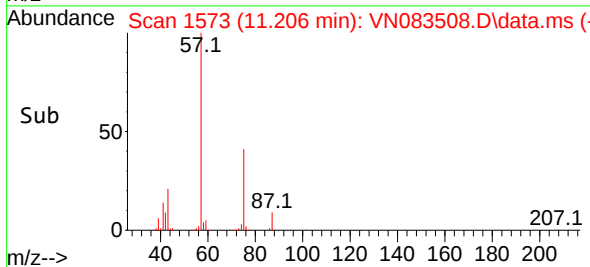
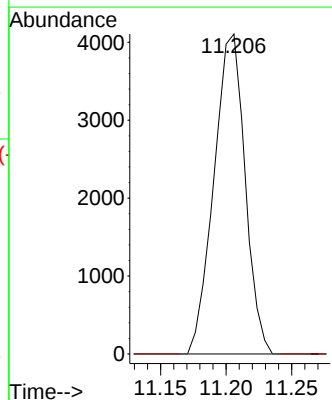
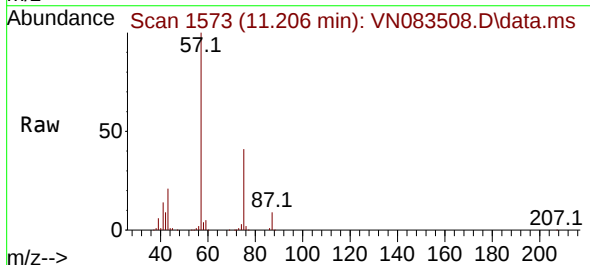


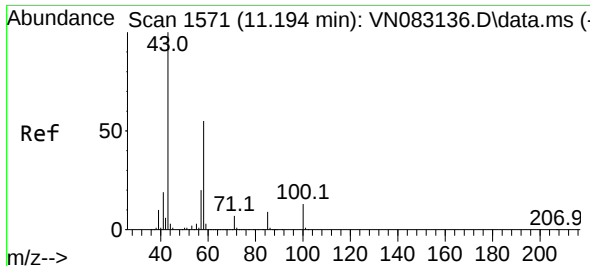
Tgt Ion: 69 Resp: 1165
Ion Ratio Lower Upper
69 100
41 6928.3 63.4 95.2#
39 2929.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 2.510 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 76 Resp: 6787
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

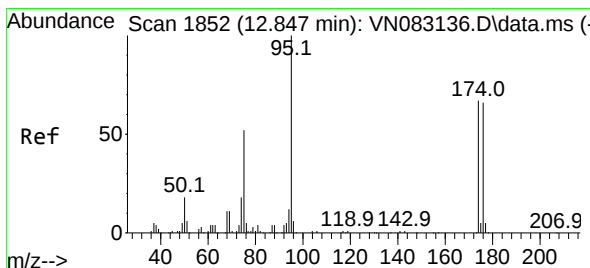
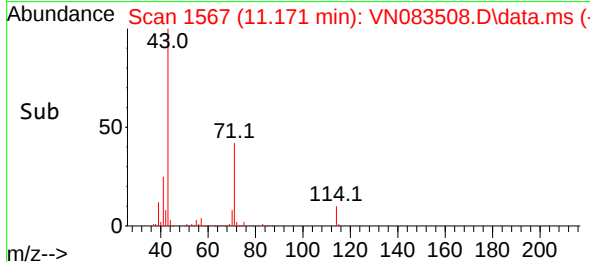
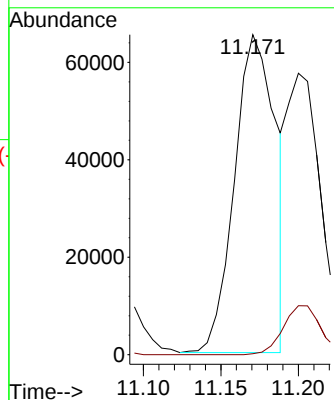
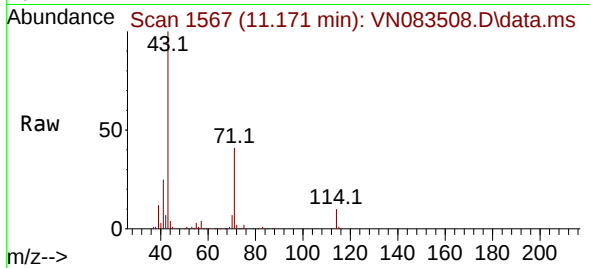




#59
2-Hexanone
Concen: 65.459 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

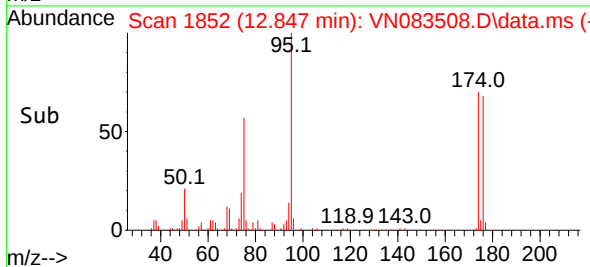
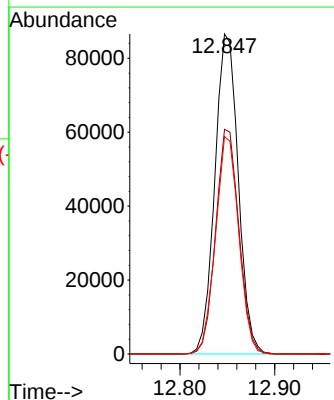
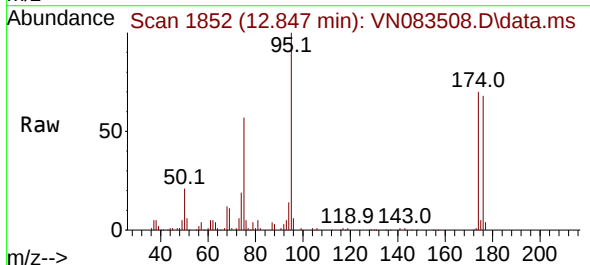
Instrument :
MSVOA_N
ClientSampleId :

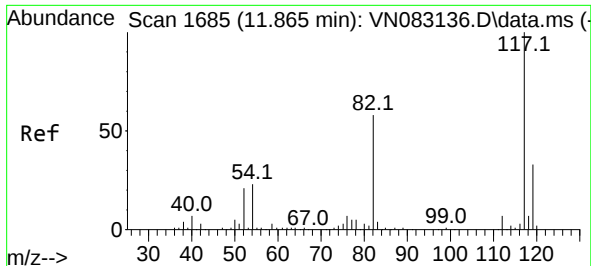
Tgt Ion: 43 Resp: 120565
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 68.948 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

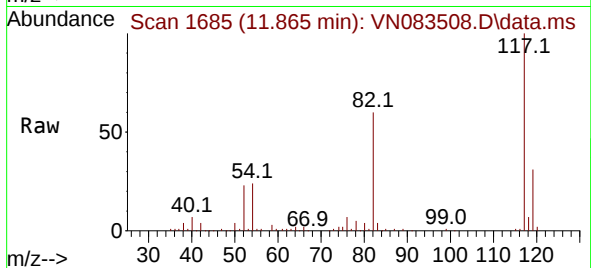
Tgt Ion: 95 Resp: 149042
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 67.3 0.0 147.6



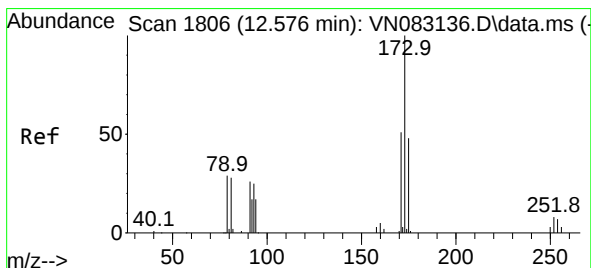
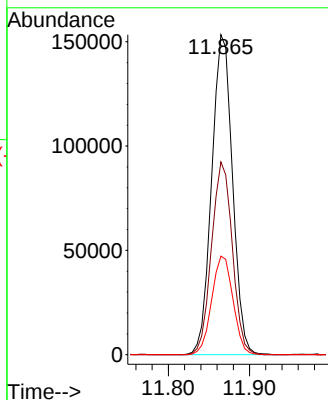
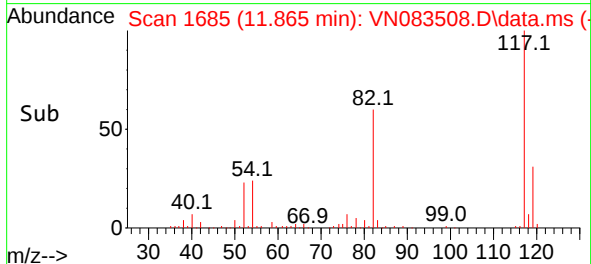


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

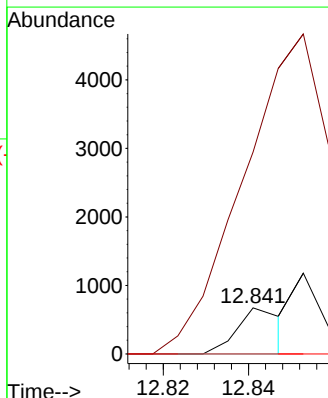
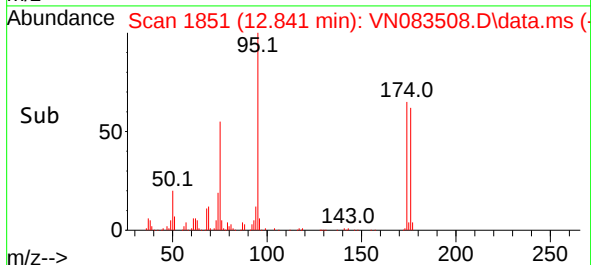
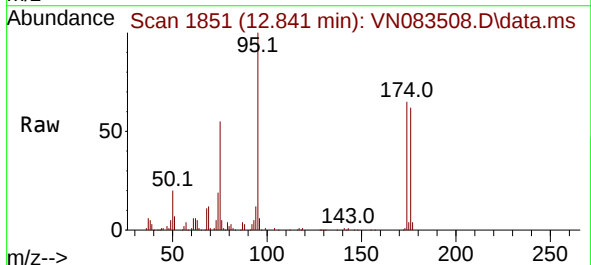


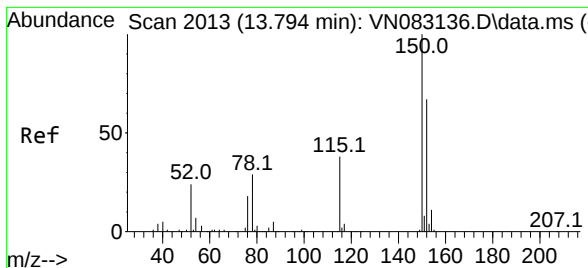
Tgt Ion:117 Resp: 273364
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 30.8 25.6 38.4



#71
Bromoform
Concen: 0.309 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion:173 Resp: 498
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# 20

Delta R.T. 0.000 min

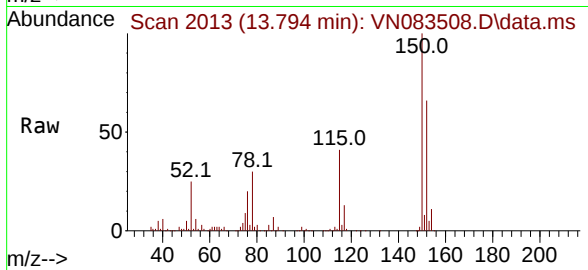
Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

Instrument :

MSVOA_N

ClientSampleId :



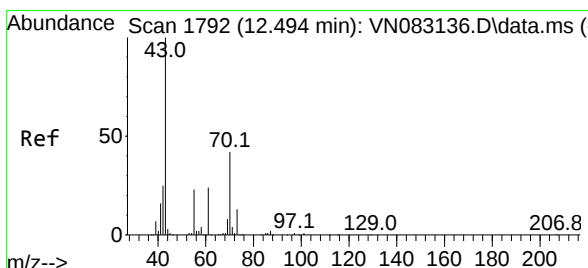
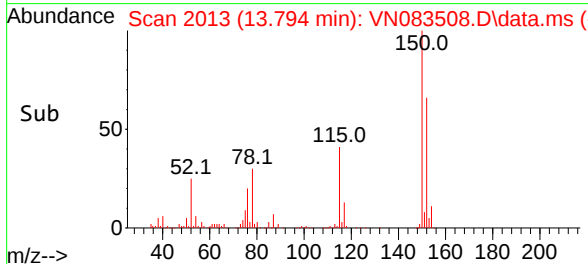
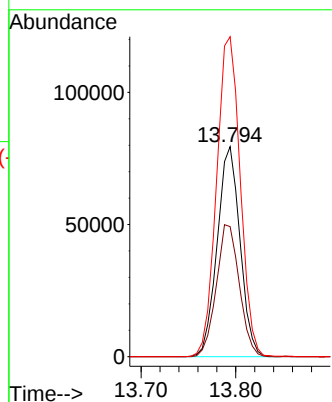
Tgt Ion:152 Resp: 132968

Ion Ratio Lower Upper

152 100

115 63.5 30.6 91.6

150 157.9 0.0 348.6



#74

N-ethyl acetate

Concen: 0.232 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN083508.D

Acq: 27 Aug 2024 14:41

Tgt Ion: 43 Resp: 1260

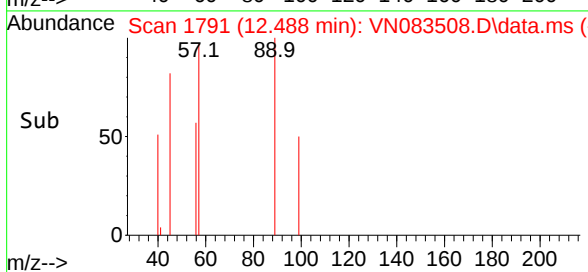
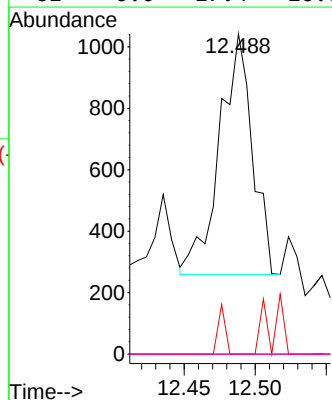
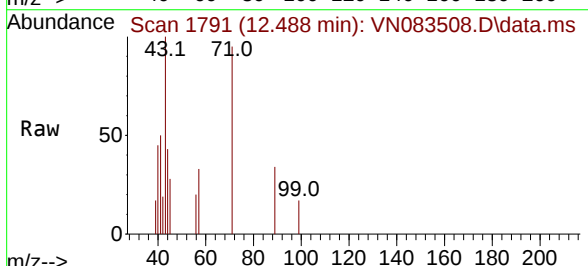
Ion Ratio Lower Upper

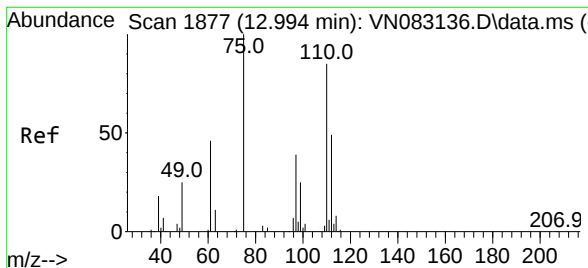
43 100

70 0.0 29.8 44.6#

55 4.5 18.7 28.1#

61 0.0 17.4 26.0#

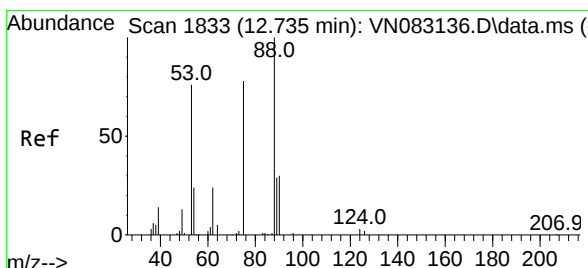
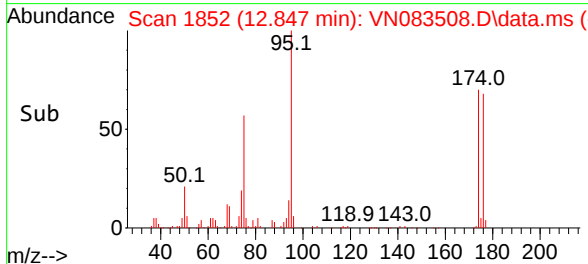
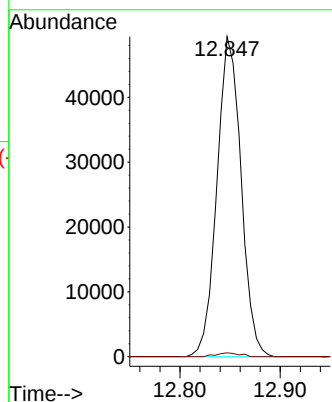
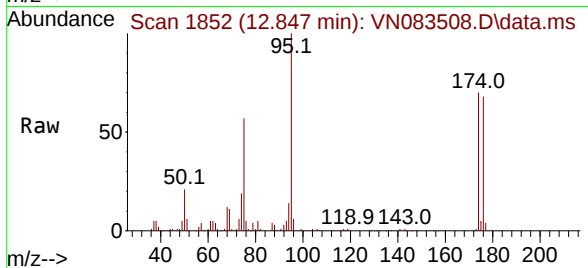




#76
1,2,3-Trichloropropane
Concen: 28.236 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 82402
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.420 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083508.D
Acq: 27 Aug 2024 14:41

Tgt Ion: 75 Resp: 82402
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

