

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084496.D
 Acq On : 24 Oct 2024 18:21
 Operator : JC\MD
 Sample : P4468-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 02:05:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

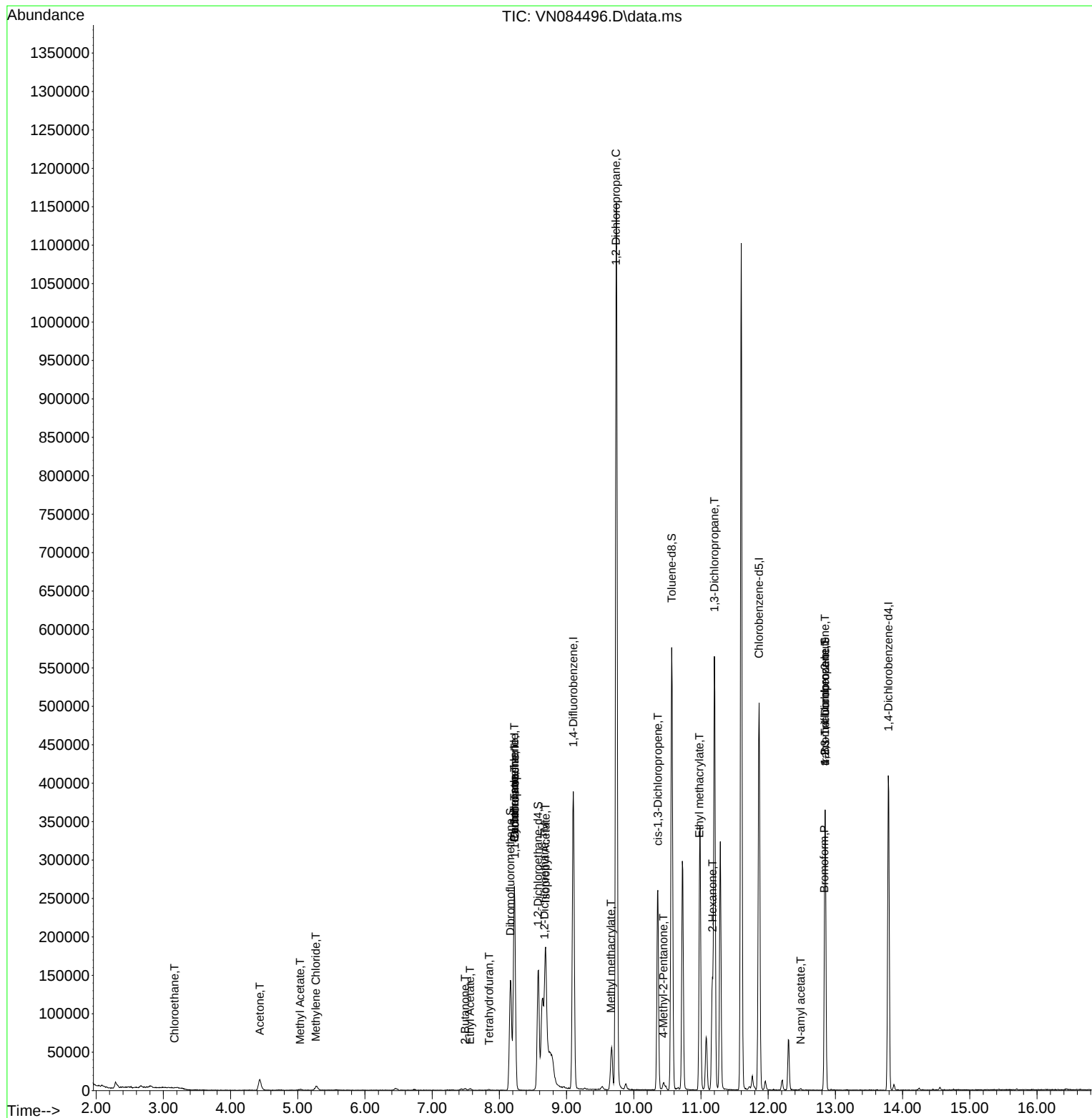
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	185646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130241	47.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.640%		
35) Dibromofluoromethane	8.165	113	105453	47.806	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.620%		
50) Toluene-d8	10.565	98	397697	49.004	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.000%		
62) 4-Bromofluorobenzene	12.847	95	128382	43.422	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.840%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.165	64	407	0.234	ug/l #	45
16) Acetone	4.436	43	27199	23.003	ug/l	93
18) Methyl Acetate	5.036	43	2653	1.029	ug/l #	65
20) Methylene Chloride	5.271	84	4181	1.739	ug/l	94
25) 2-Butanone	7.488	43	4179	2.595	ug/l	96
29) Tetrahydrofuran	7.847	42	847	0.852	ug/l #	49
31) Cyclohexane	8.224	56	4196	1.029	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	16709	5.215	ug/l #	51
37) Ethyl Acetate	7.565	43	3813	1.160	ug/l #	78
38) Carbon Tetrachloride	8.224	117	20420	5.810	ug/l #	17
42) 1,2-Dichloroethane	8.671	62	1285	0.380	ug/l #	75
43) Isopropyl Acetate	8.688	43	184340	28.631	ug/l #	86
45) 1,2-Dichloropropane	9.735	63	1329	0.563	ug/l #	44
48) Methyl methacrylate	9.659	41	3530	1.377	ug/l #	45
51) 4-Methyl-2-Pentanone	10.441	43	10527	3.364	ug/l #	78
54) cis-1,3-Dichloropropene	10.359	75	48065	12.381	ug/l #	61
56) Ethyl methacrylate	10.976	69	1209	0.337	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5640	1.446	ug/l #	42
59) 2-Hexanone	11.170	43	119917	51.273	ug/l #	24
71) Bromoform	12.835	173	528	0.327	ug/l #	1
74) N-amyl acetate	12.482	43	1113	0.297	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	69721	31.506	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69721	75.534	ug/l #	11

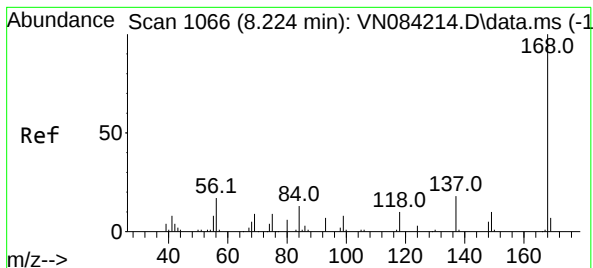
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
Data File : VN084496.D
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :

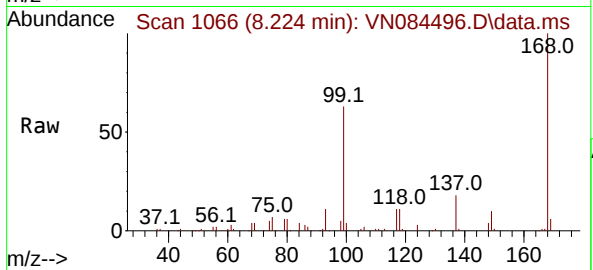
Quant Time: Oct 25 02:05:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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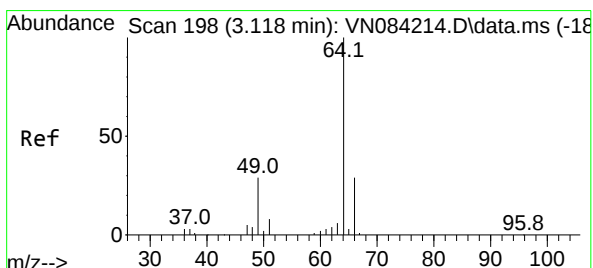
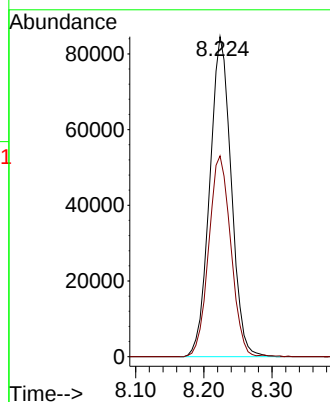
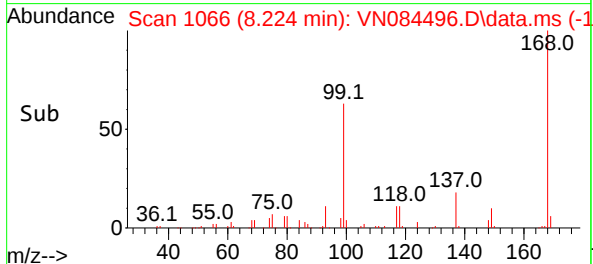


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

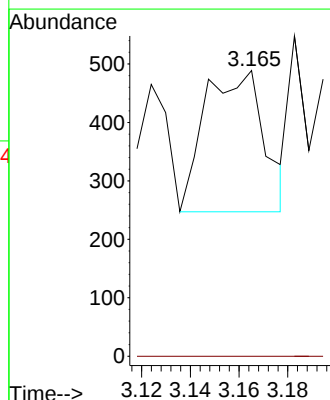
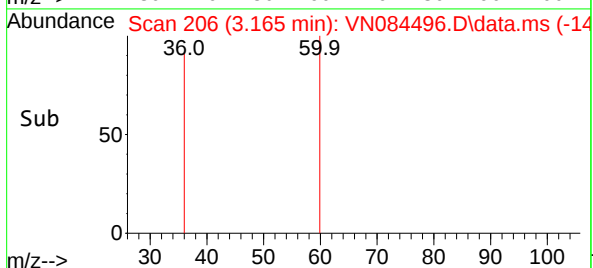
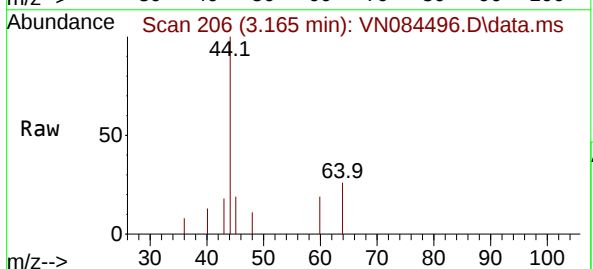


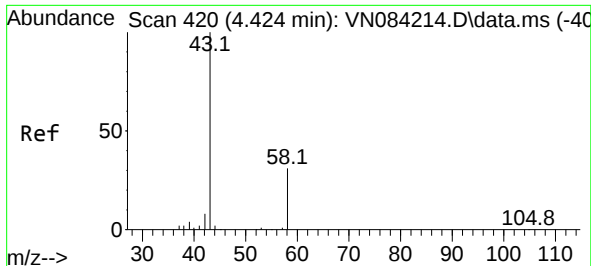
Tgt Ion:168 Resp: 185646
Ion Ratio Lower Upper
168 100
99 62.7 54.2 81.2



#6
Chloroethane
Concen: 0.234 ug/l
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Tgt Ion: 64 Resp: 407
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

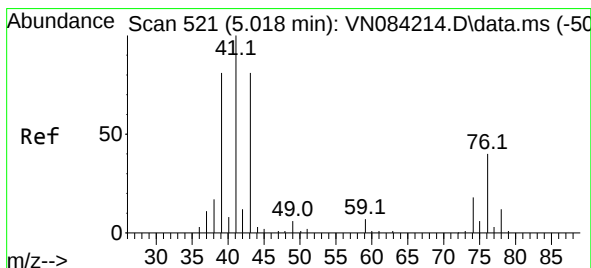
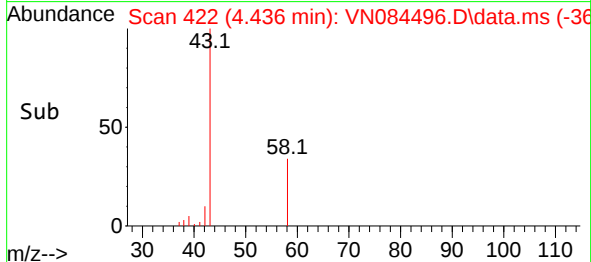
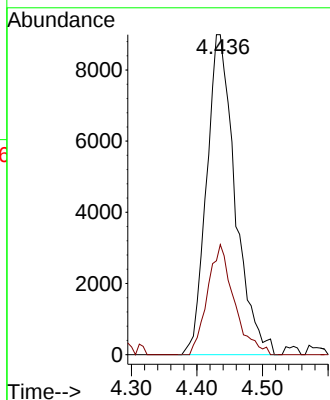
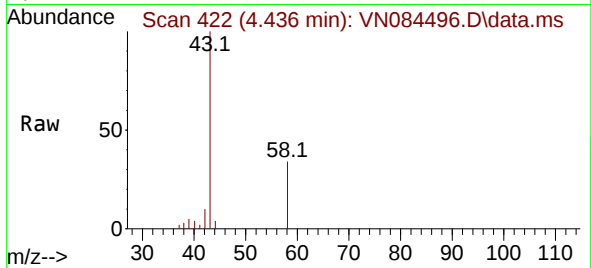




#16
Acetone
Concen: 23.003 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

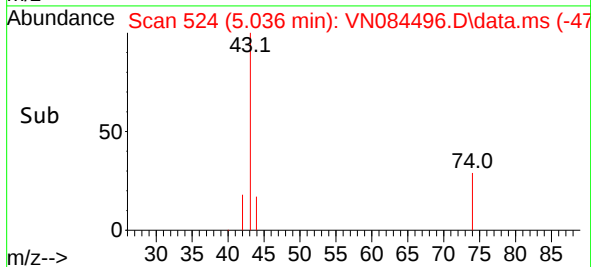
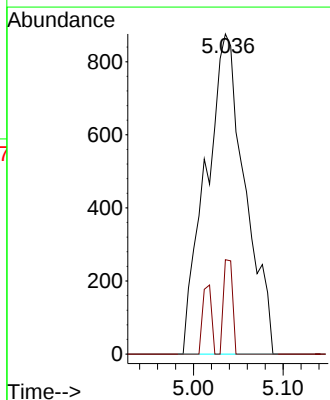
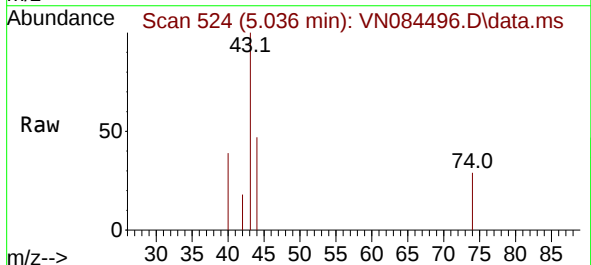
Instrument :
MSVOA_N
ClientSampleId :

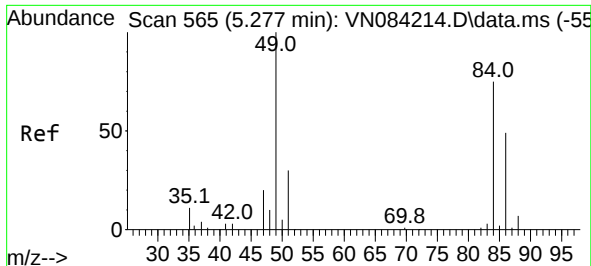
Tgt Ion: 43 Resp: 27199
Ion Ratio Lower Upper
43 100
58 34.4 24.4 36.6



#18
Methyl Acetate
Concen: 1.029 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

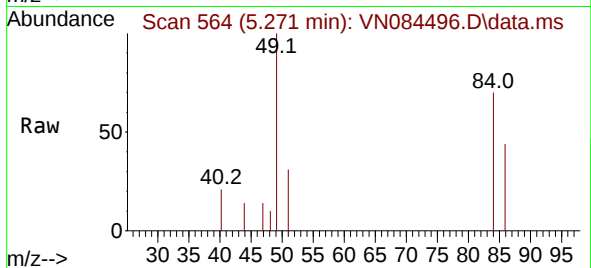
Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
74 6.8 19.2 28.8#



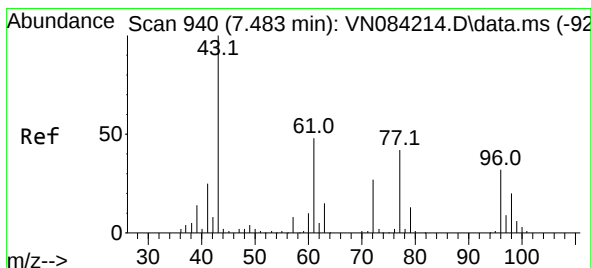
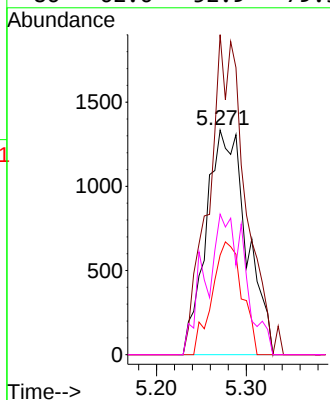
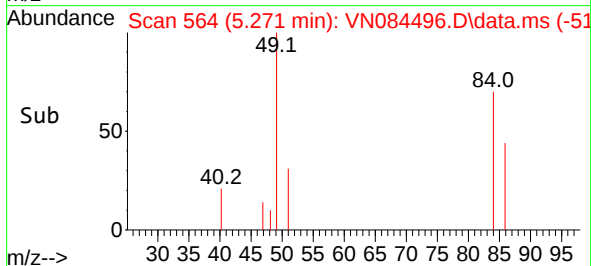


#20
Methylene Chloride
Concen: 1.739 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

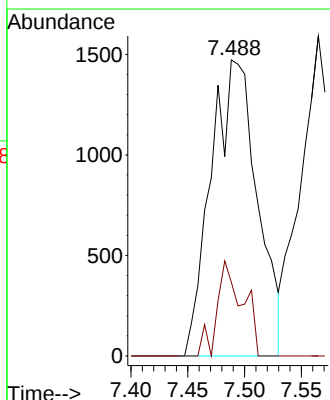
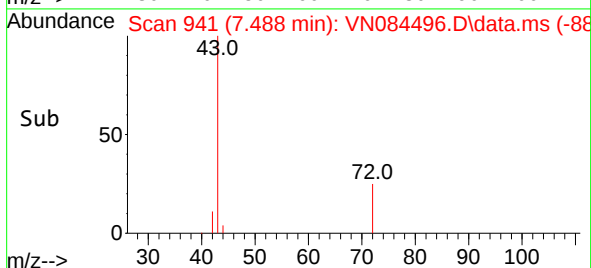
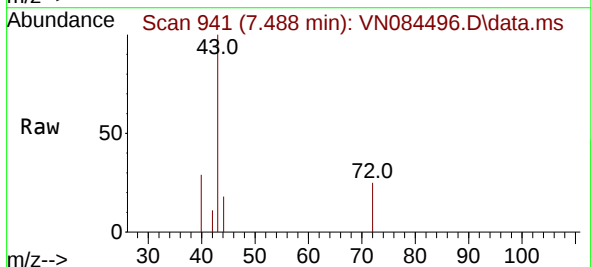


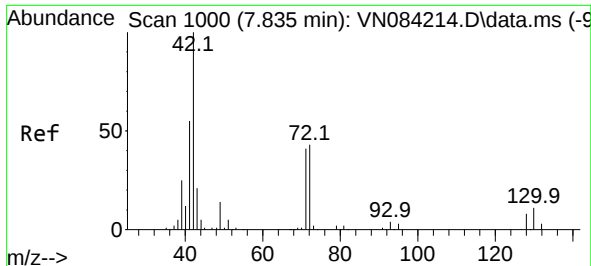
Tgt Ion:	84	Resp:	4181
Ion	Ratio	Lower	Upper
84	100		
49	142.5	107.2	160.8
51	44.3	31.8	47.8
86	62.6	52.9	79.3



#25
2-Butanone
Concen: 2.595 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

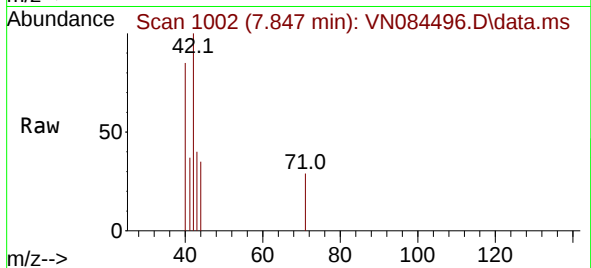
Tgt Ion:	43	Resp:	4179
Ion	Ratio	Lower	Upper
43	100		
72	24.9	21.4	32.2



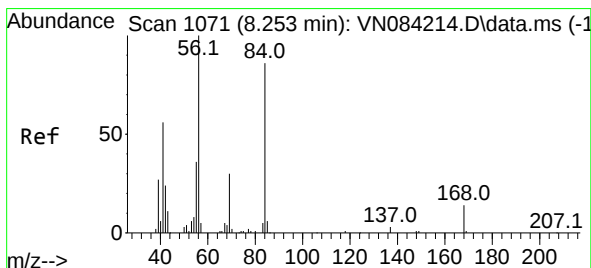
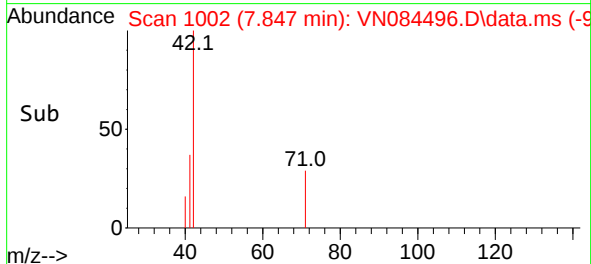
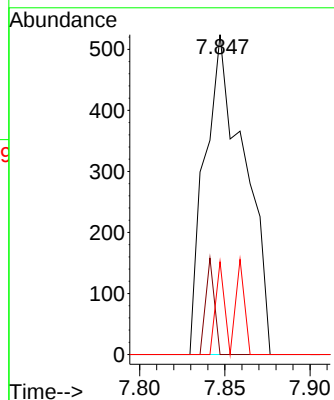


#29
Tetrahydrofuran
Concen: 0.852 ug/l
RT: 7.847 min Scan# 1066
Delta R.T. 0.012 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

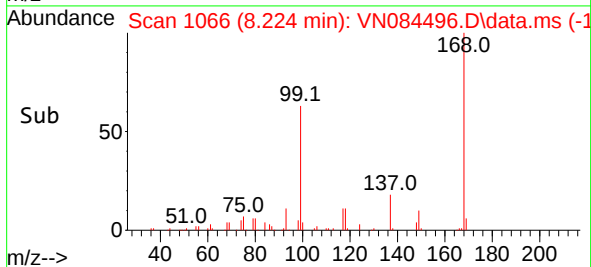
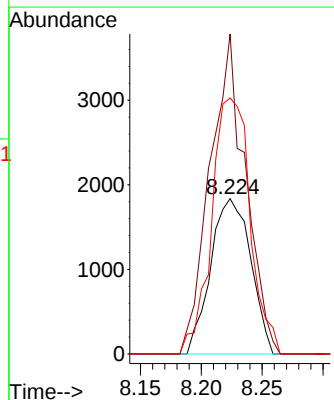
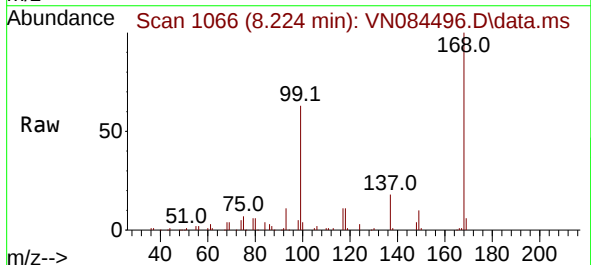


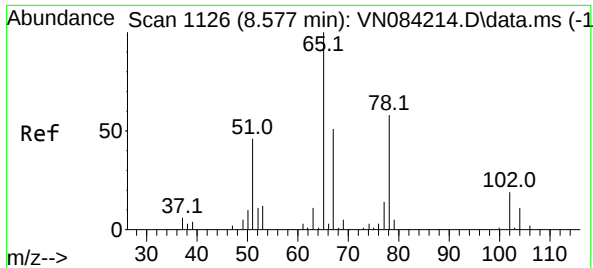
Tgt Ion:	42	Resp:	847
Ion	Ratio	Lower	Upper
42	100		
72	6.6	34.6	51.8#
71	12.9	32.2	48.4#



#31
Cyclohexane
Concen: 1.029 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Tgt Ion:	56	Resp:	4196
Ion	Ratio	Lower	Upper
56	100		
69	205.9	23.8	35.6#
84	164.8	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.317 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

Instrument :

MSVOA_N

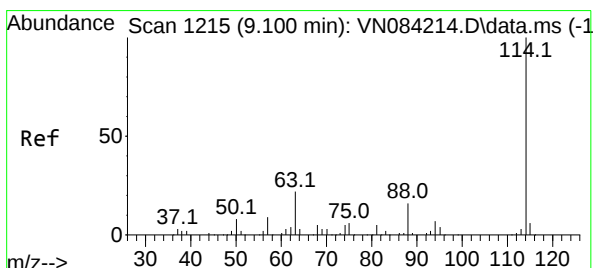
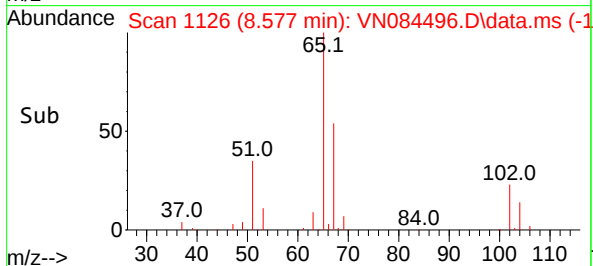
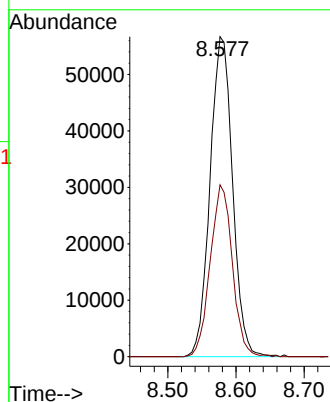
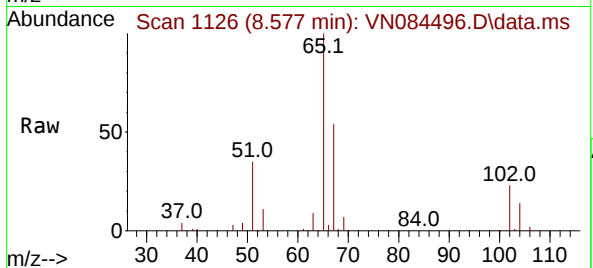
ClientSampleId :

Tgt Ion: 65 Resp: 130241

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

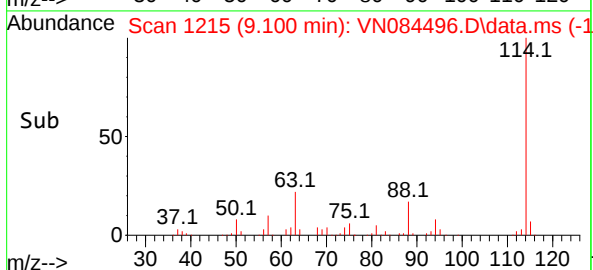
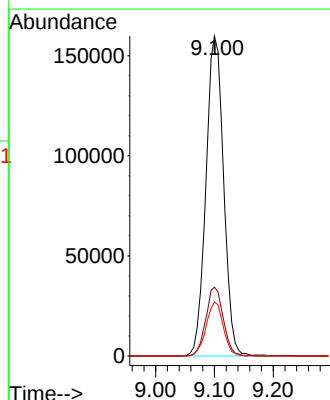
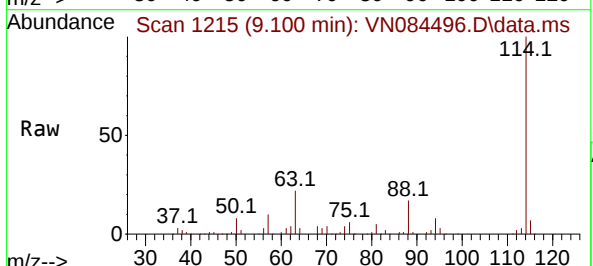
Tgt Ion: 114 Resp: 334594

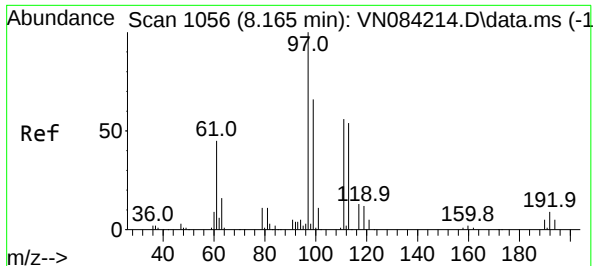
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

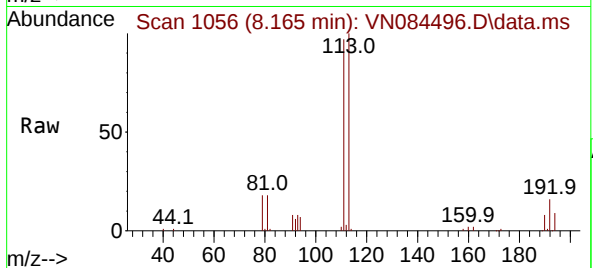
88 16.8 0.0 31.6



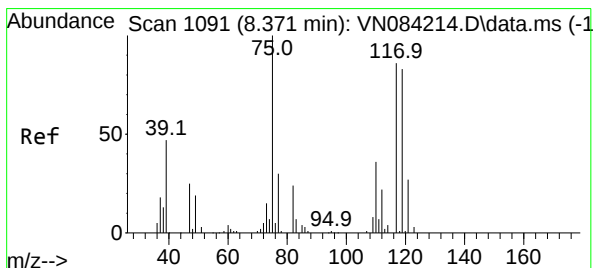
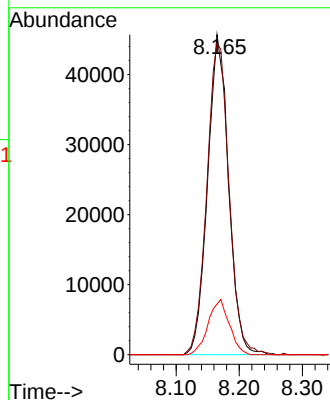
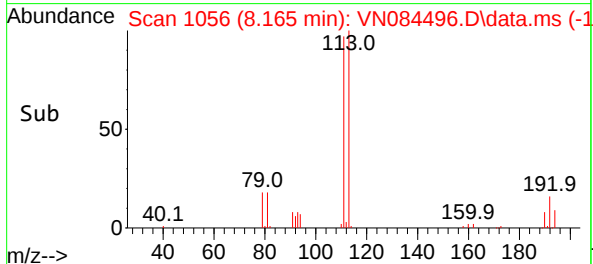


#35
Dibromofluoromethane
Concen: 47.806 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

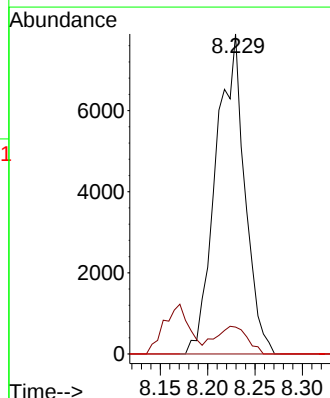
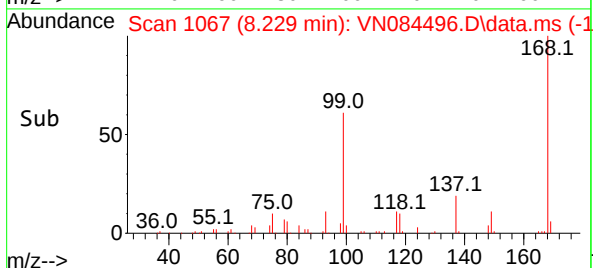
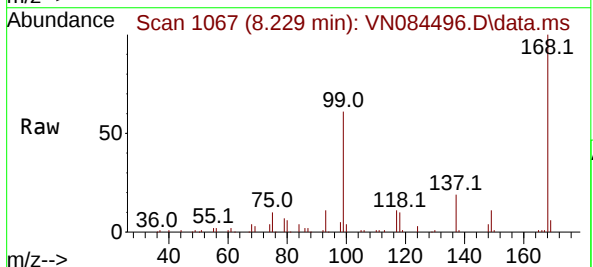


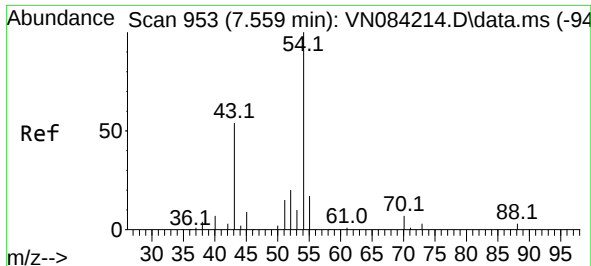
Tgt Ion:113 Resp: 105453
Ion Ratio Lower Upper
113 100
111 103.1 83.3 124.9
192 17.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.215 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Tgt Ion: 75 Resp: 16709
Ion Ratio Lower Upper
75 100
110 9.5 16.9 50.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.160 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

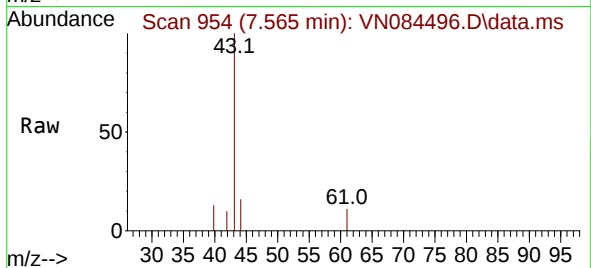
Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

Instrument :

MSVOA_N

ClientSampleId :



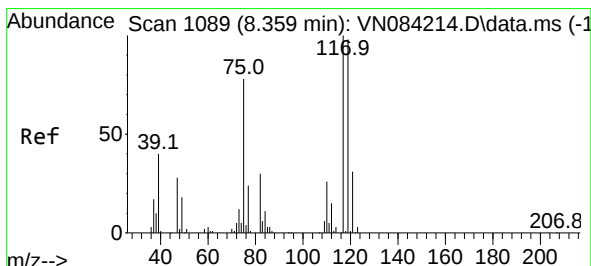
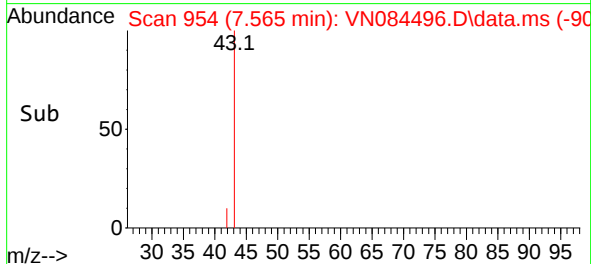
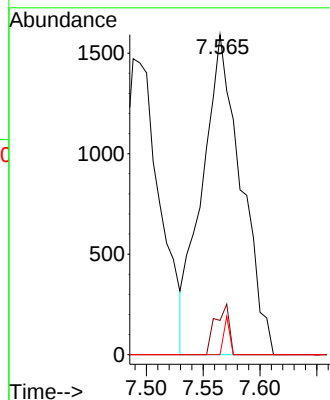
Tgt Ion: 43 Resp: 3813

Ion Ratio Lower Upper

43 100

61 5.6 10.7 16.1#

70 1.8 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 5.810 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

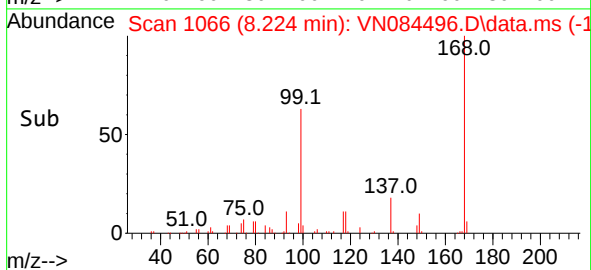
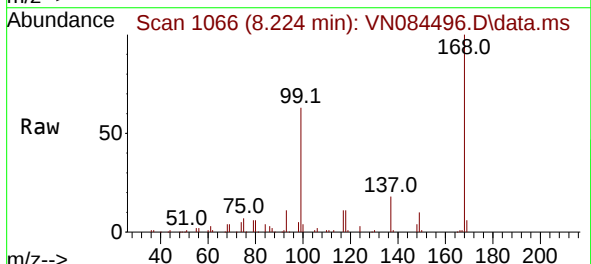
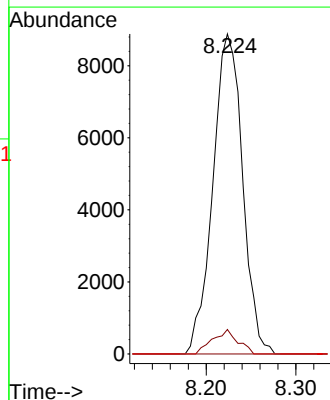
Tgt Ion: 117 Resp: 20420

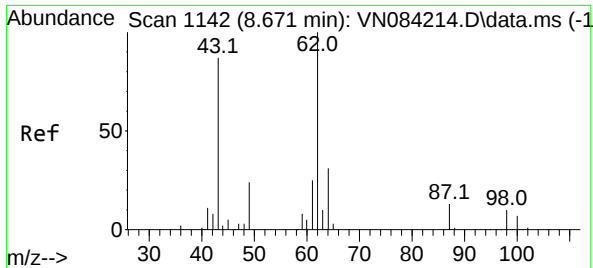
Ion Ratio Lower Upper

117 100

119 7.6 78.7 118.1#

121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.380 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

Instrument :

MSVOA_N

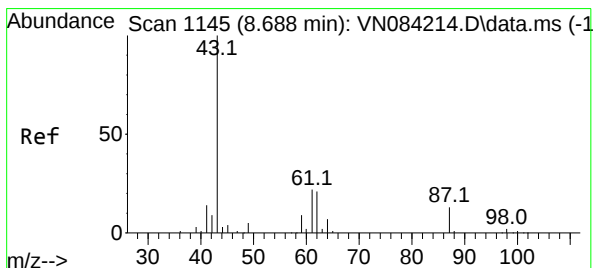
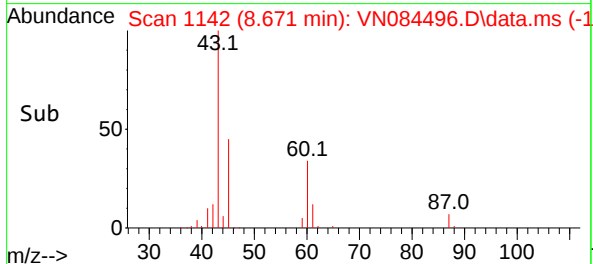
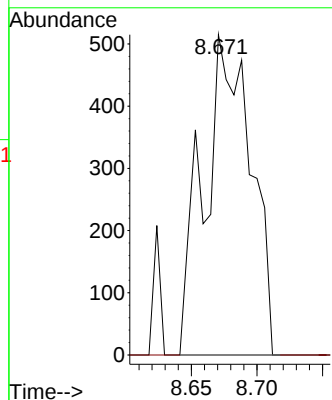
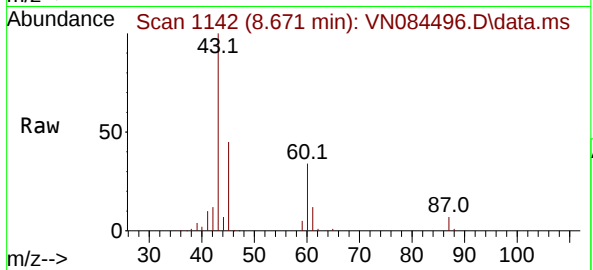
ClientSampleId :

Tgt Ion: 62 Resp: 1285

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 28.631 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

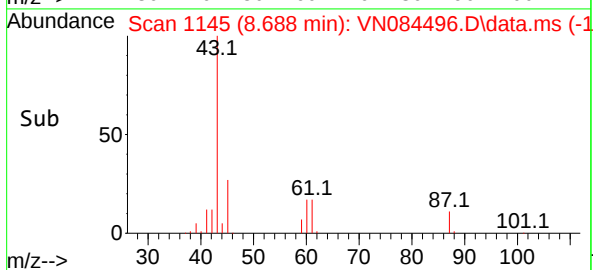
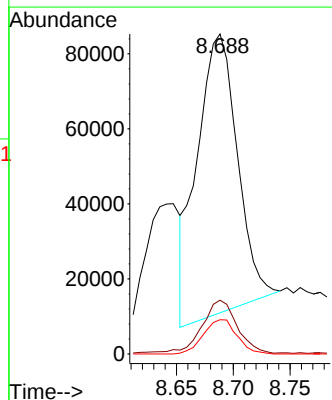
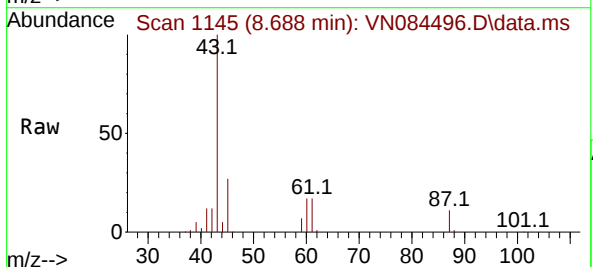
Tgt Ion: 43 Resp: 184340

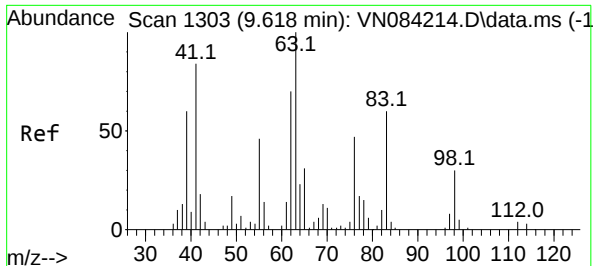
Ion Ratio Lower Upper

43 100

61 16.9 20.4 30.6#

87 10.2 10.3 15.5#





#45

1,2-Dichloropropane

Concen: 0.563 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

Instrument :

MSVOA_N

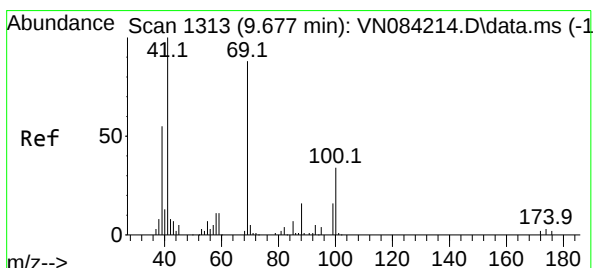
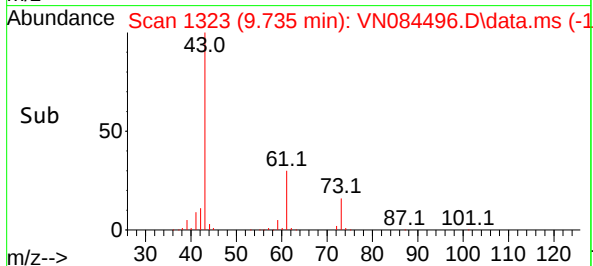
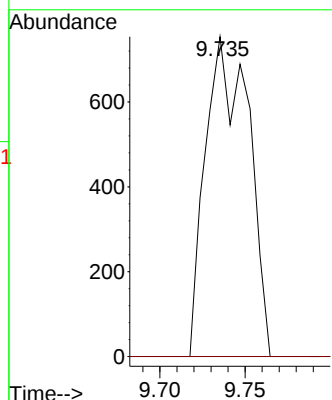
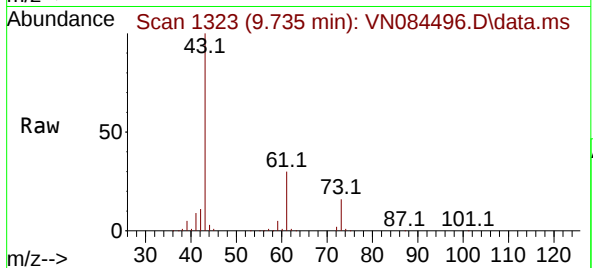
ClientSampleId :

Tgt Ion: 63 Resp: 1329

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.377 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.018 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

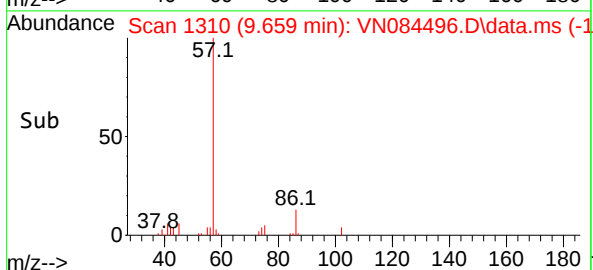
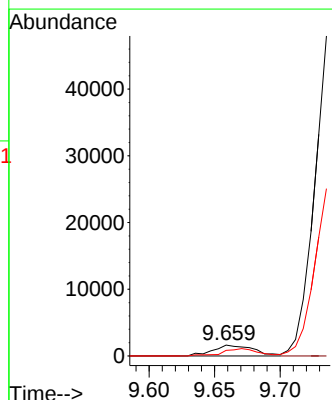
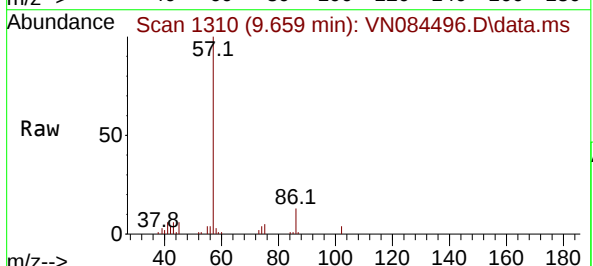
Tgt Ion: 41 Resp: 3530

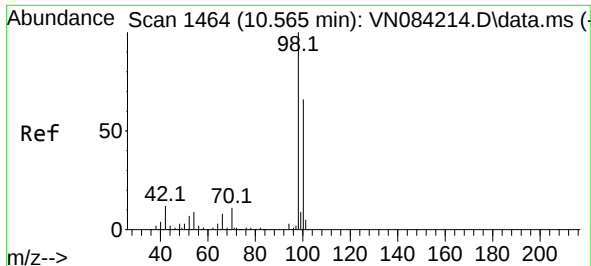
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 56.8 45.8 68.6

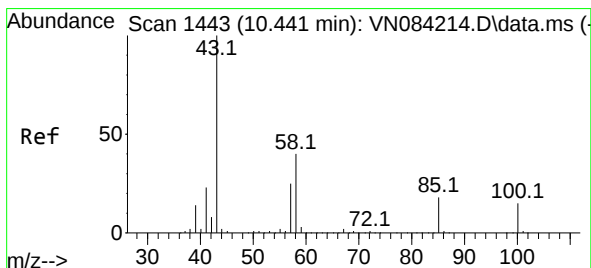
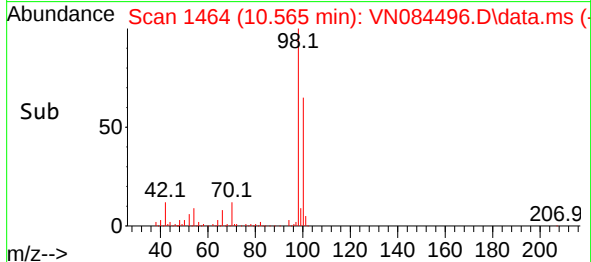
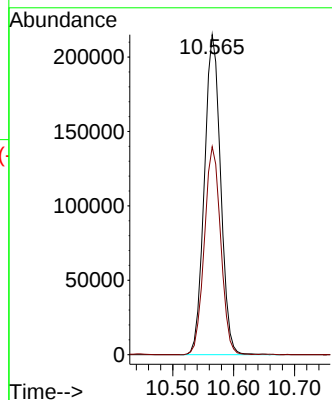
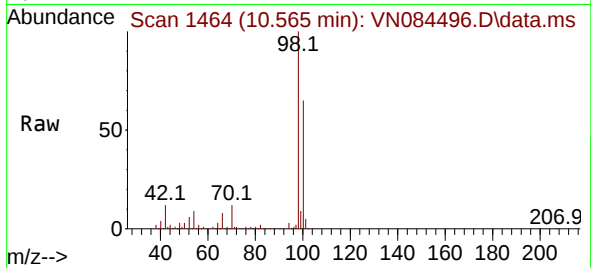




#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

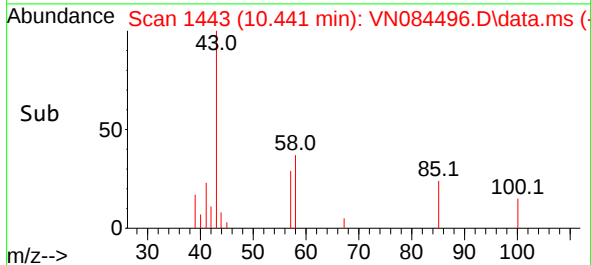
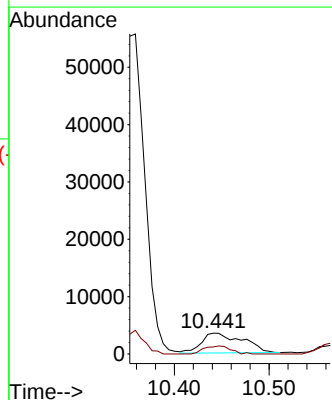
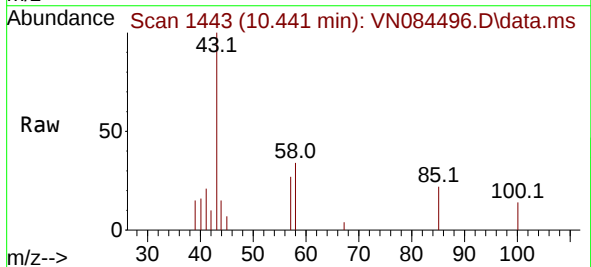
Instrument :
MSVOA_N
ClientSampleId :

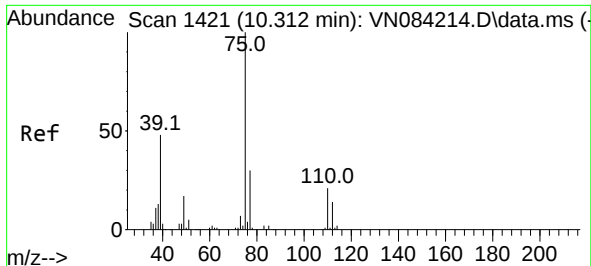
Tgt Ion: 98 Resp: 397697
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 3.364 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

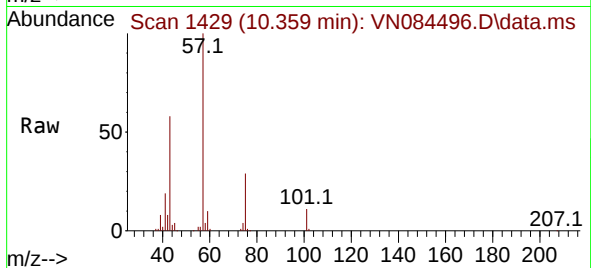
Tgt Ion: 43 Resp: 10527
Ion Ratio Lower Upper
43 100
58 25.9 31.6 47.4#



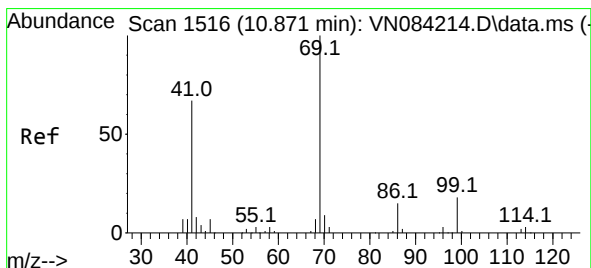
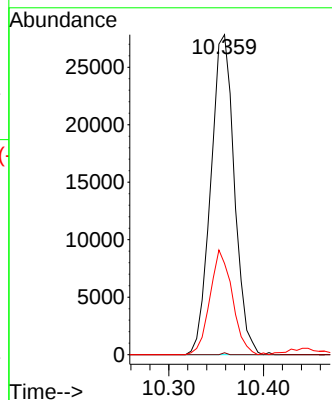
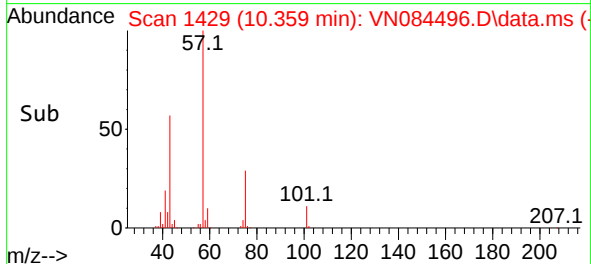


#54
cis-1,3-Dichloropropene
Concen: 12.381 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

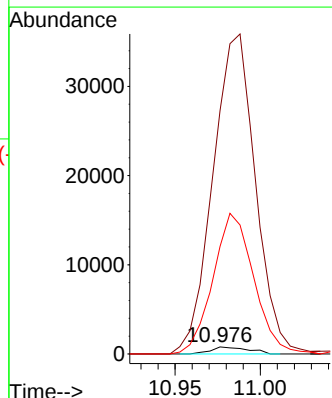
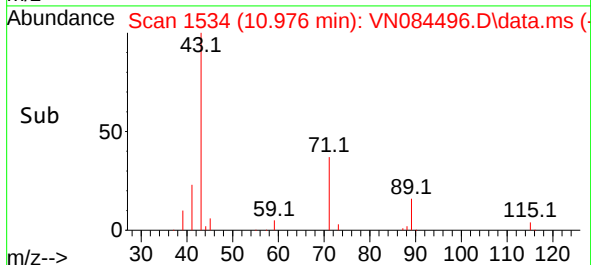
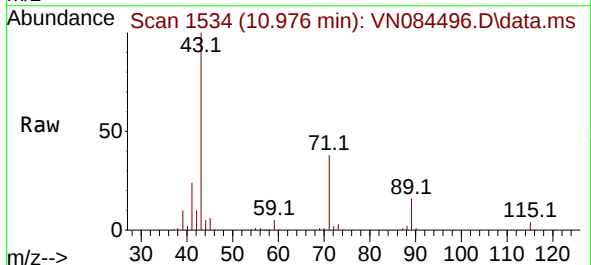


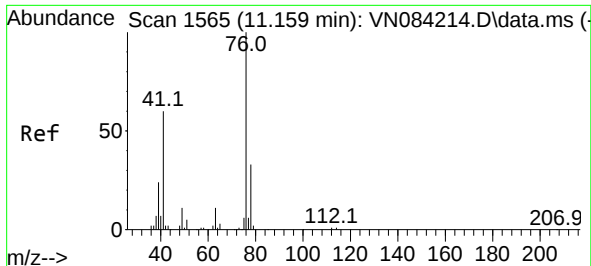
Tgt Ion: 75 Resp: 48065
Ion Ratio Lower Upper
75 100
77 0.6 24.2 36.2#
39 28.5 38.7 58.1#



#56
Ethyl methacrylate
Concen: 0.337 ug/l
RT: 10.976 min Scan# 1534
Delta R.T. 0.106 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Tgt Ion: 69 Resp: 1209
Ion Ratio Lower Upper
69 100
41 5173.9 53.3 79.9#
39 2176.9 28.8 43.2#





#57

1,3-Dichloropropane

Concen: 1.446 ug/l

RT: 11.200 min Scan# 1567

Delta R.T. 0.041 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

Instrument :

MSVOA_N

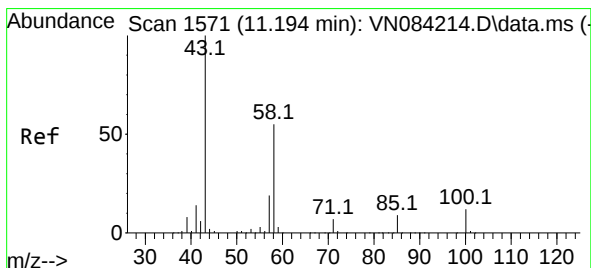
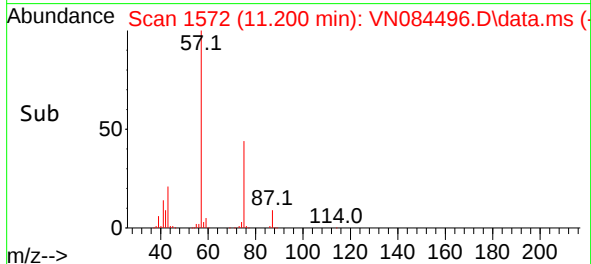
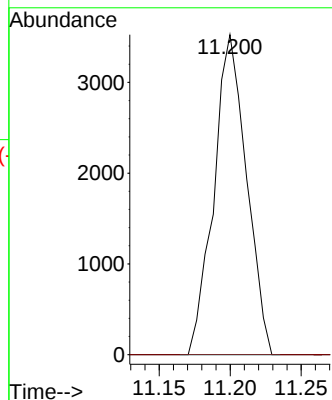
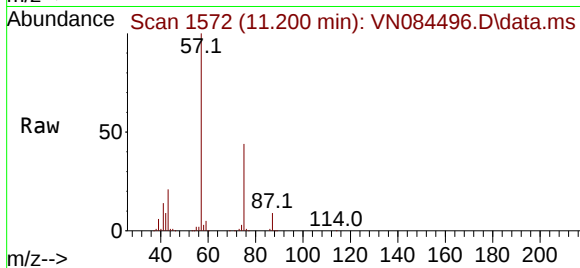
ClientSampleId :

Tgt Ion: 76 Resp: 5640

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 51.273 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN084496.D

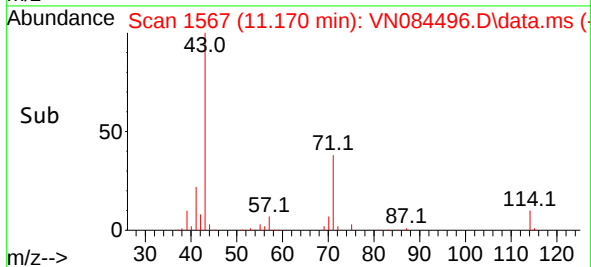
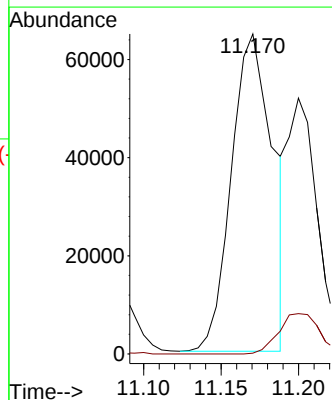
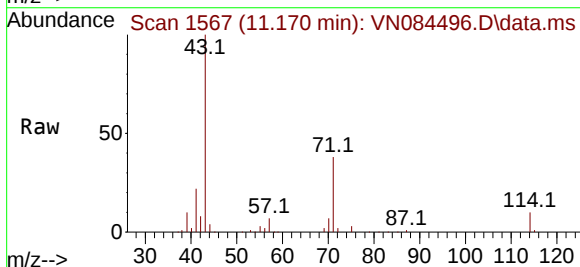
Acq: 24 Oct 2024 18:21

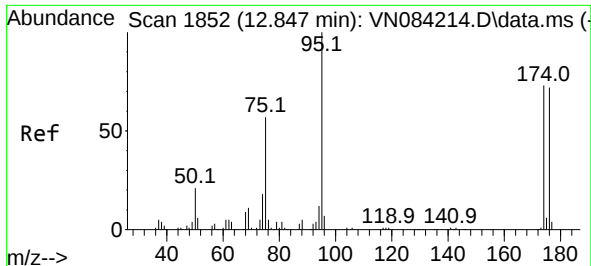
Tgt Ion: 43 Resp: 119917

Ion Ratio Lower Upper

43 100

58 0.0 27.3 81.8#

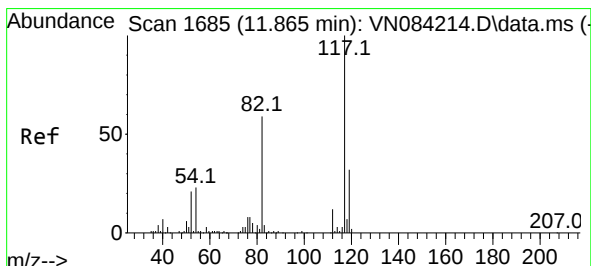
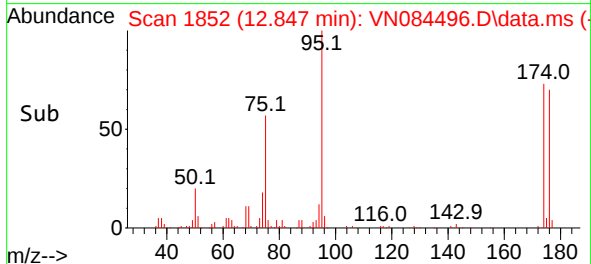
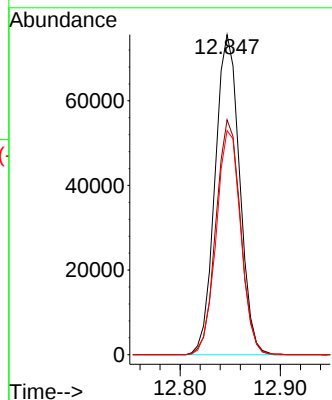
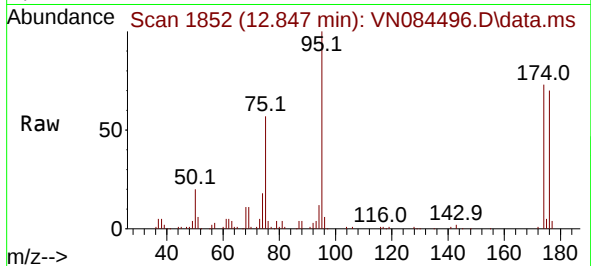




#62
4-Bromofluorobenzene
Concen: 43.422 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

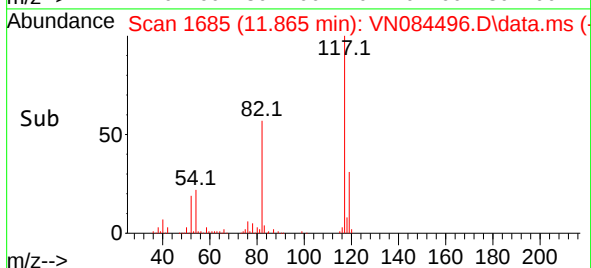
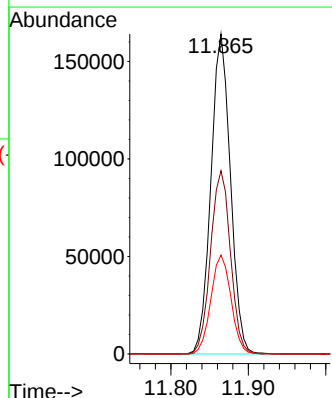
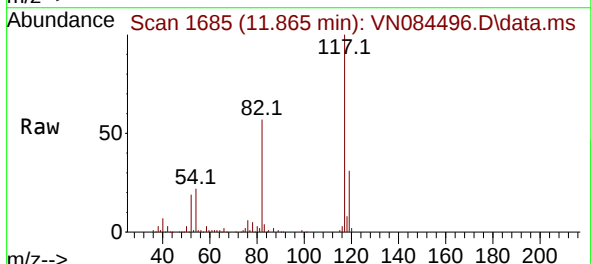
Instrument :
MSVOA_N
ClientSampleId :

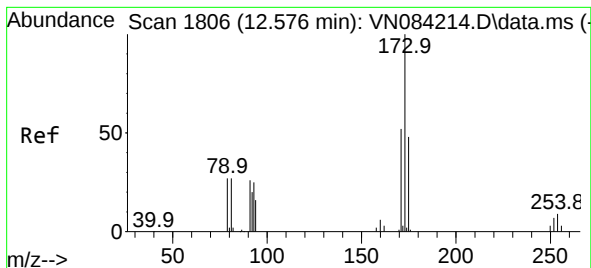
Tgt Ion: 95 Resp: 128382
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 70.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Tgt Ion: 117 Resp: 287090
Ion Ratio Lower Upper
117 100
82 57.2 47.2 70.8
119 30.9 25.4 38.0





#71

Bromoform

Concen: 0.327 ug/l

RT: 12.835 min Scan# 1806

Delta R.T. 0.259 min

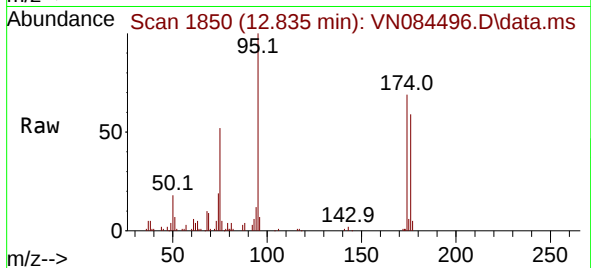
Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

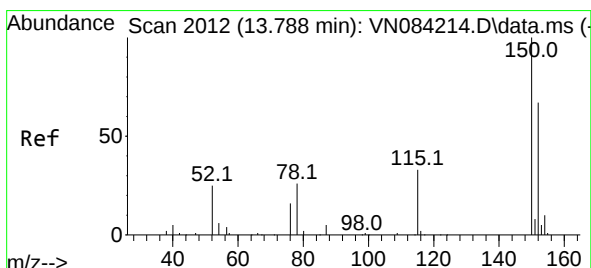
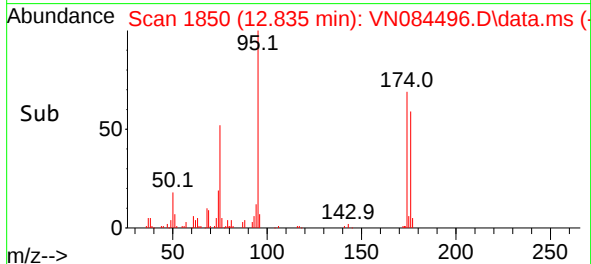
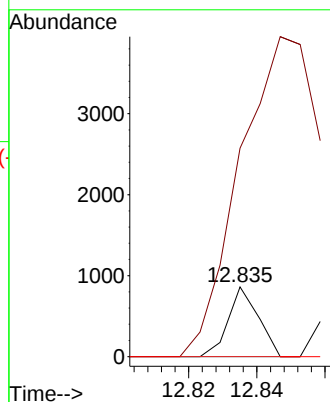
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	528
Ion Ratio	Lower	Upper	
173	100		
175	998.3	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

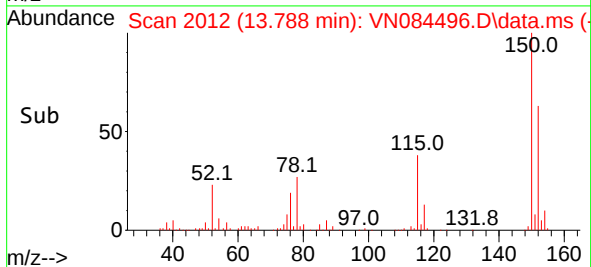
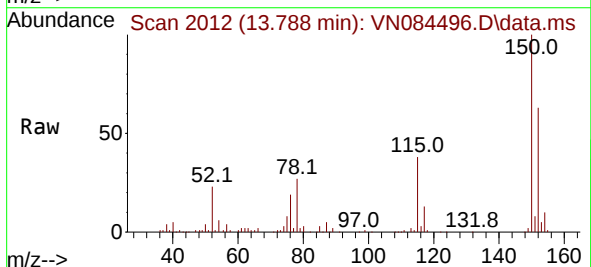
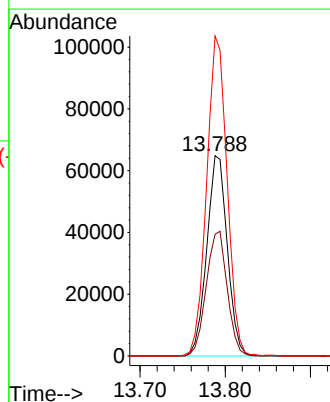
RT: 13.788 min Scan# 2012

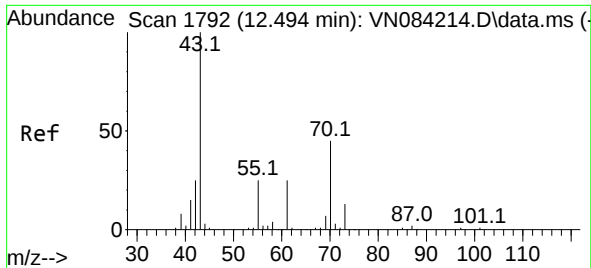
Delta R.T. -0.000 min

Lab File: VN084496.D

Acq: 24 Oct 2024 18:21

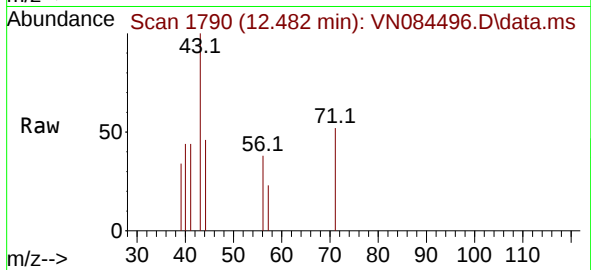
Tgt Ion:	152	Resp:	108396
Ion Ratio	Lower	Upper	
152	100		
115	63.5	31.3	93.9
150	158.8	0.0	349.8



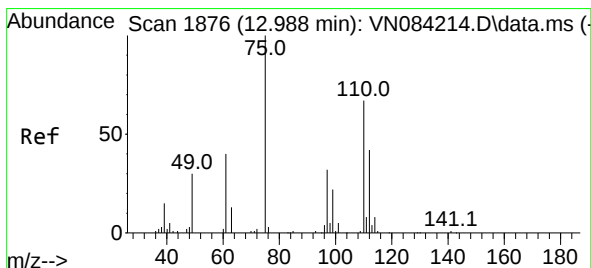
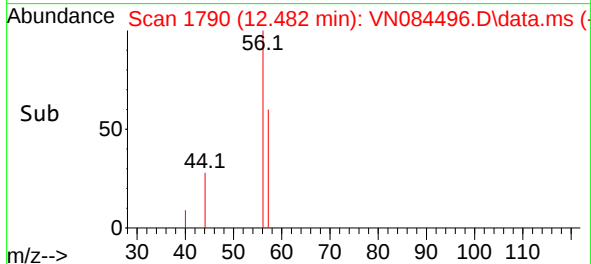
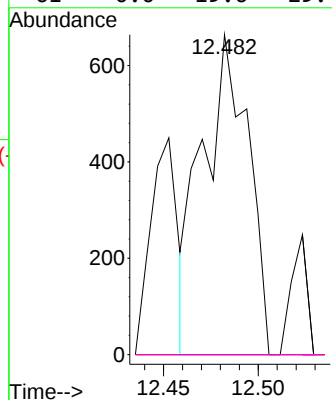


#74
N-amy1 acetate
Concen: 0.297 ug/l
RT: 12.482 min Scan# 1113
Delta R.T. -0.012 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

Instrument :
MSVOA_N
ClientSampleId :

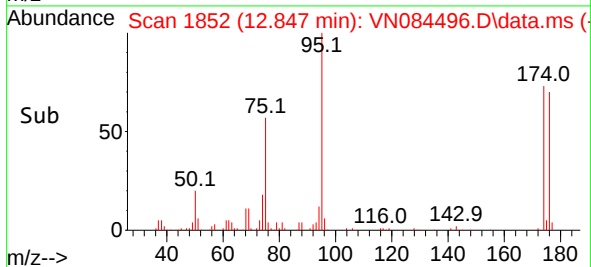
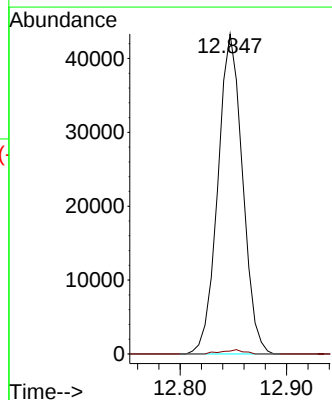
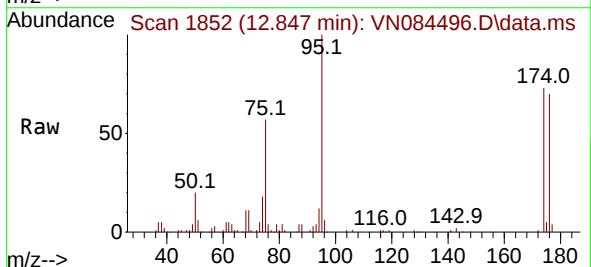


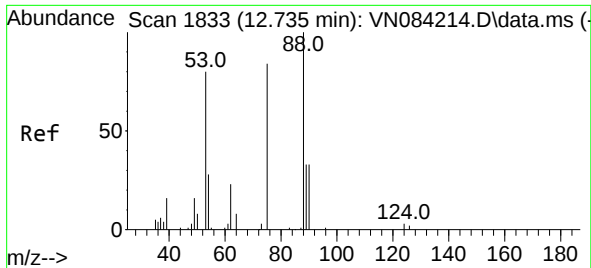
Tgt Ion: 43	Resp: 1113
Ion Ratio	Lower Upper
43	100
70	0.0 34.4 51.6#
55	0.0 19.6 29.4#
61	0.0 19.6 29.4#



#76
1,2,3-Trichloropropane
Concen: 31.506 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084496.D
Acq: 24 Oct 2024 18:21

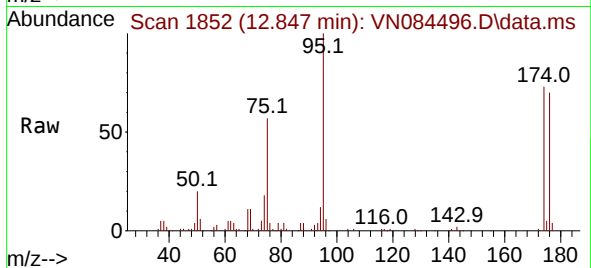
Tgt Ion: 75	Resp: 69721
Ion Ratio	Lower Upper
75	100
77	1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.534 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084496.D
 Acq: 24 Oct 2024 18:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 69721
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

