

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084859.D
 Acq On : 14 Nov 2024 18:10
 Operator : JC\MD
 Sample : P4833-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 00:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

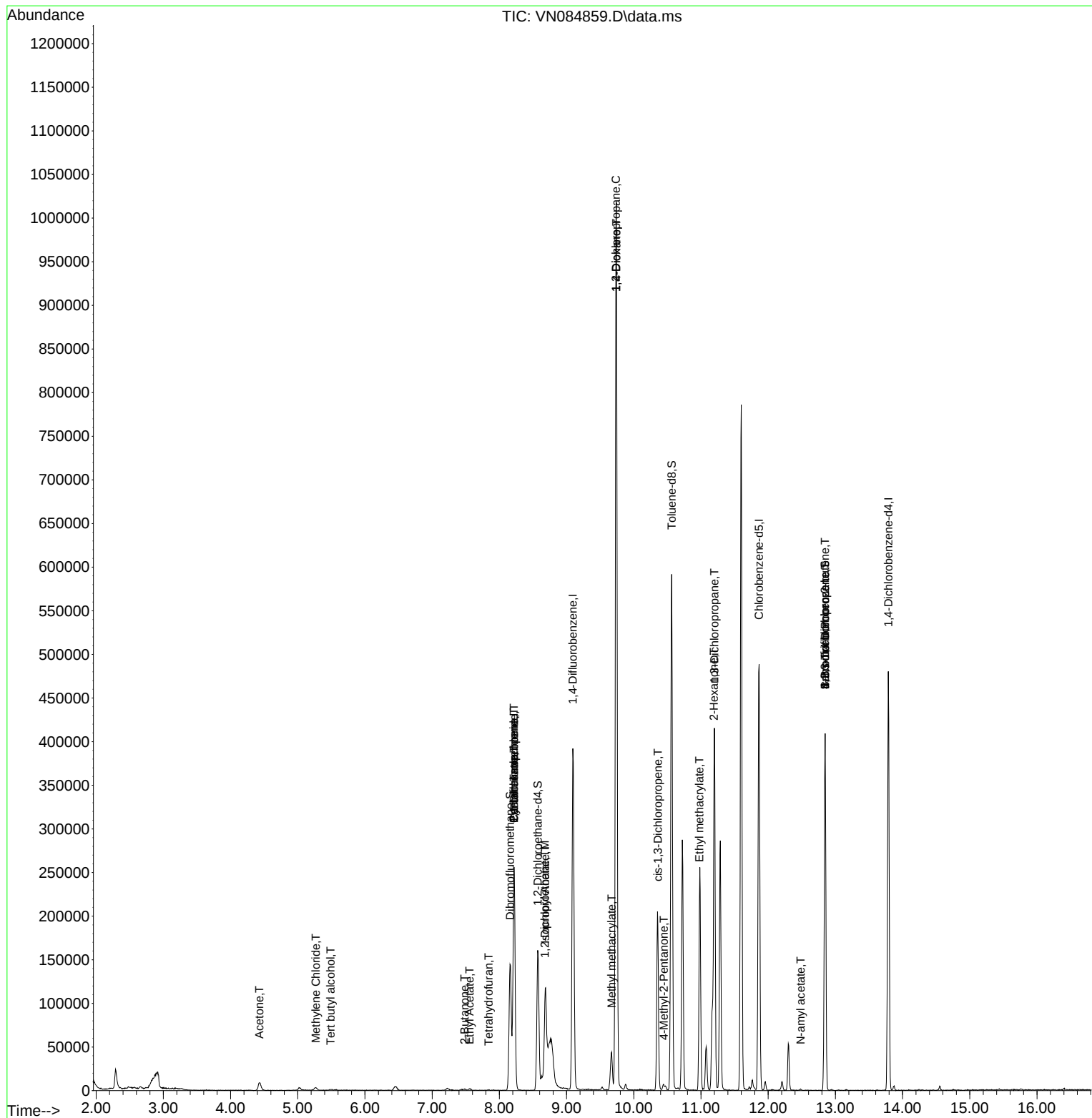
Internal Standards						
1) Pentafluorobenzene	8.218	168	181286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	339386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136381	52.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	8.159	113	107337	46.724	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.440%			
50) Toluene-d8	10.565	98	400760	47.358	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.720%			
62) 4-Bromofluorobenzene	12.847	95	144987	45.844	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.680%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	479	Below Cal	#	41
6) Chloroethane	3.124	64	245	Below Cal	#	45
11) Tert butyl alcohol	5.489	59	422	1.221	ug/l #	73
16) Acetone	4.430	43	17637	20.702	ug/l	94
18) Methyl Acetate	5.018	43	6124	Below Cal		94
20) Methylene Chloride	5.271	84	2381	1.034	ug/l	88
25) 2-Butanone	7.483	43	2564	2.099	ug/l #	88
29) Tetrahydrofuran	7.841	42	585	0.722	ug/l #	42
31) Cyclohexane	8.218	56	3843	1.063	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15784	4.954	ug/l #	50
37) Ethyl Acetate	7.559	43	3074	1.063	ug/l #	74
38) Carbon Tetrachloride	8.218	117	19191	5.389	ug/l #	15
42) 1,2-Dichloroethane	8.677	62	849	0.256	ug/l #	75
43) Isopropyl Acetate	8.683	43	165296	30.578	ug/l #	80
45) 1,2-Dichloropropane	9.735	63	1264	0.527	ug/l #	44
48) Methyl methacrylate	9.671	41	2969	1.320	ug/l #	13
49) 1,4-Dioxane	9.741	88	69	1.731	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	4936	1.791	ug/l	94
54) cis-1,3-Dichloropropene	10.359	75	36457	9.321	ug/l #	63
56) Ethyl methacrylate	10.977	69	1196	0.367	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4572	1.182	ug/l #	42
59) 2-Hexanone	11.194	43	47421	23.642	ug/l #	58
71) Bromoform	12.847	173	745	0.445	ug/l #	1
74) N-amyl acetate	12.482	43	834	0.217	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	74035	28.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	74035	68.187	ug/l #	11
88) 1,4-Dichlorobenzene	13.818	146	126	Below Cal	#	14

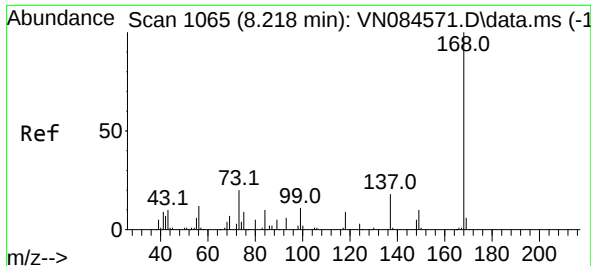
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
Data File : VN084859.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :

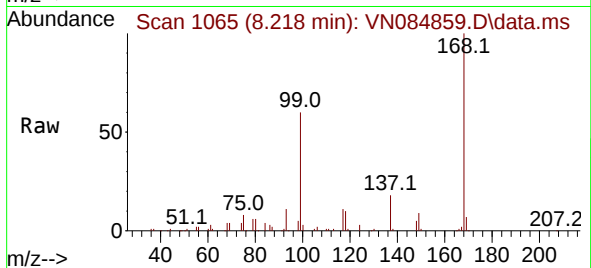
Quant Time: Nov 15 00:51:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



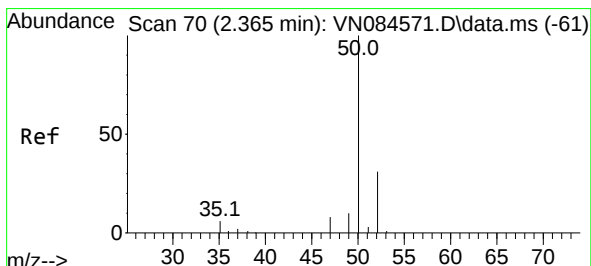
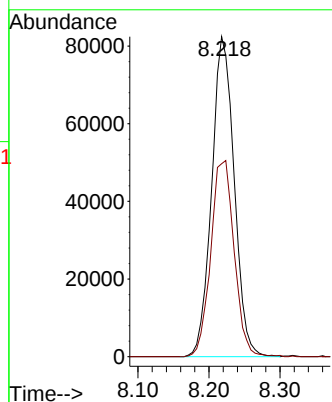
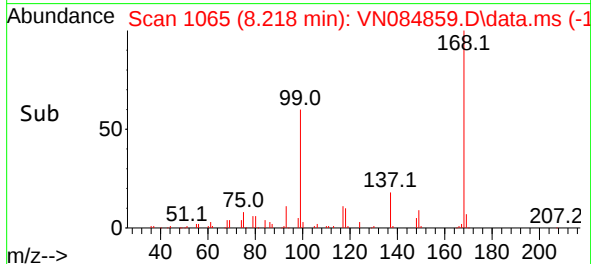


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

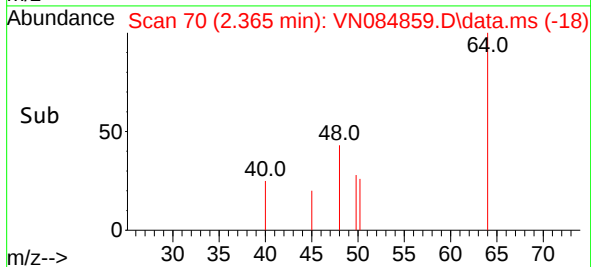
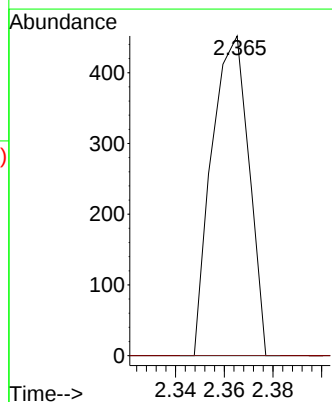
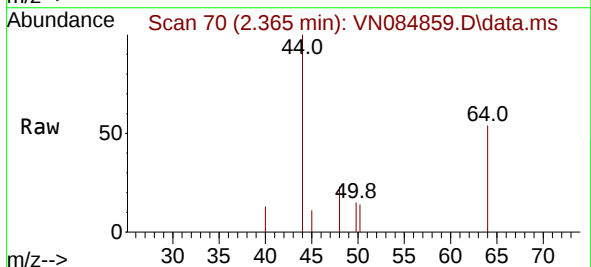


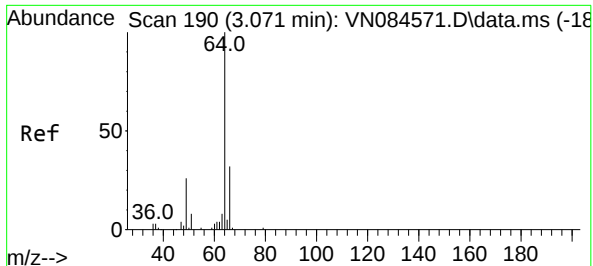
Tgt Ion:168 Resp: 181286
Ion Ratio Lower Upper
168 100
99 60.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

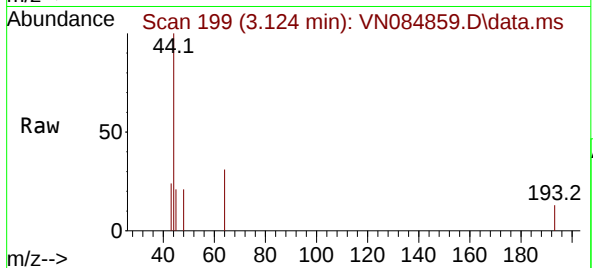
Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



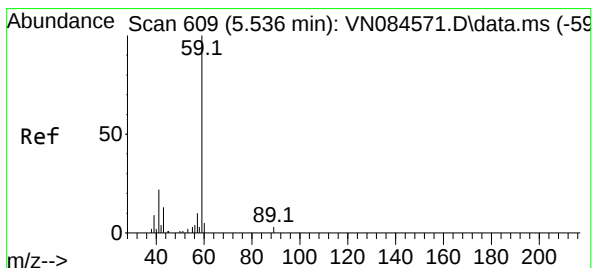
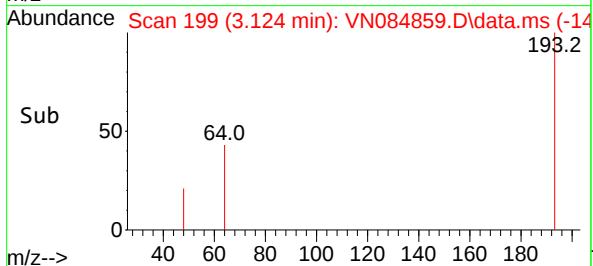
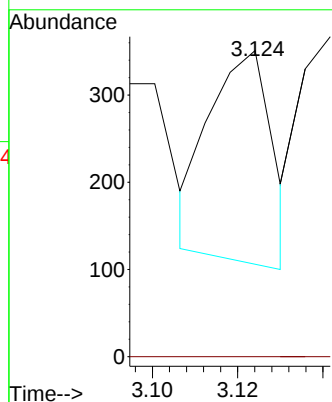


#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

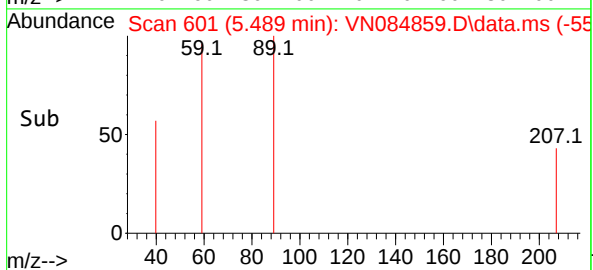
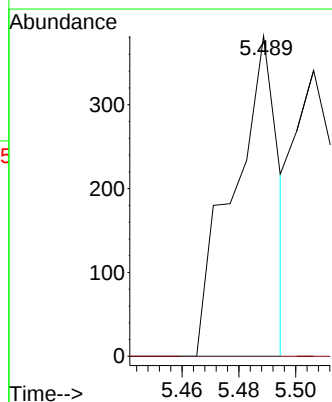
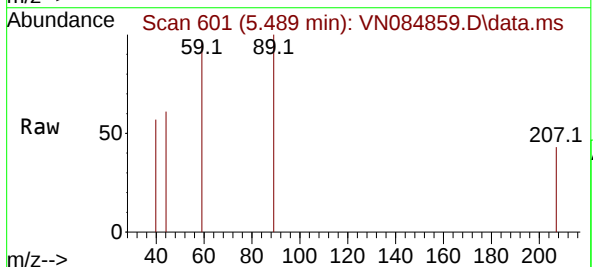


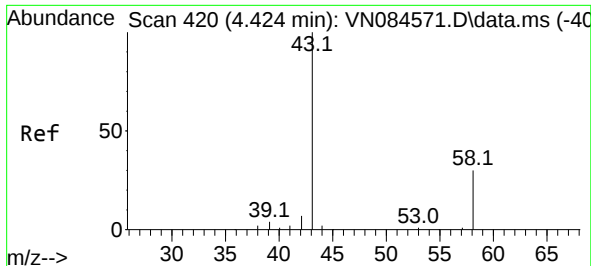
Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 1.221 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.035 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

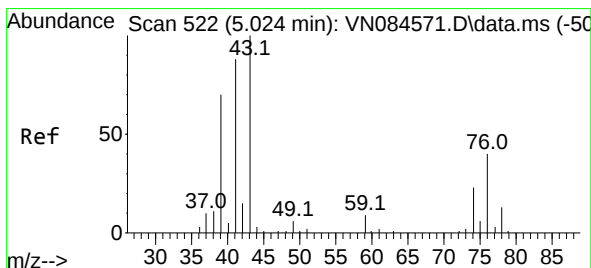
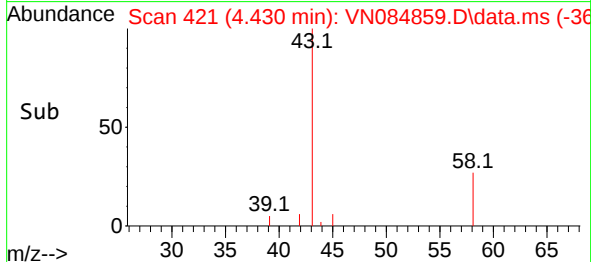
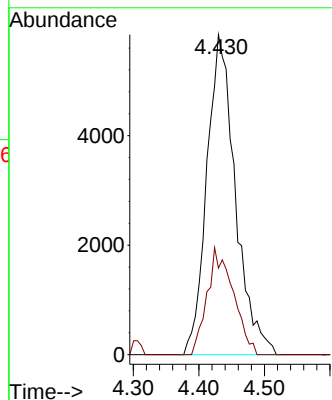
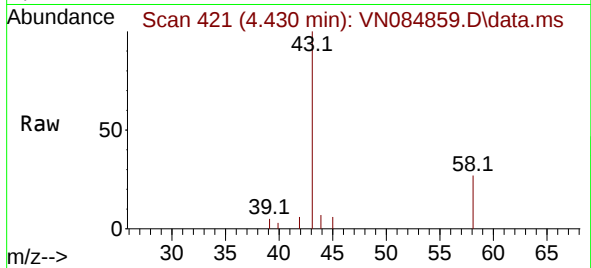




#16
Acetone
Concen: 20.702 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

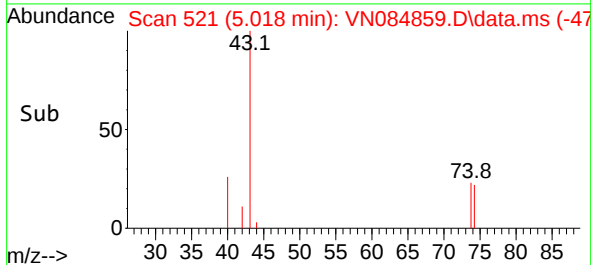
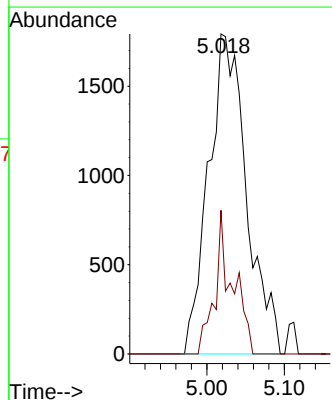
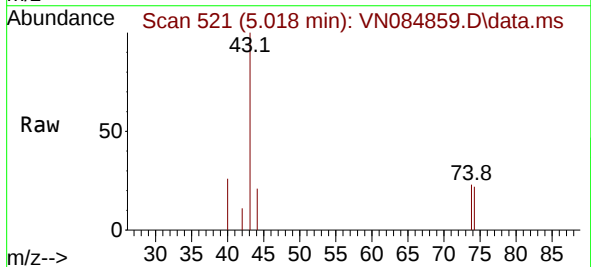
Instrument :
MSVOA_N
ClientSampleId :

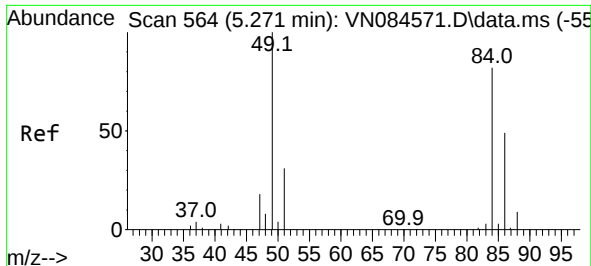
Tgt Ion: 43 Resp: 17637
Ion Ratio Lower Upper
43 100
58 27.1 24.4 36.6



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

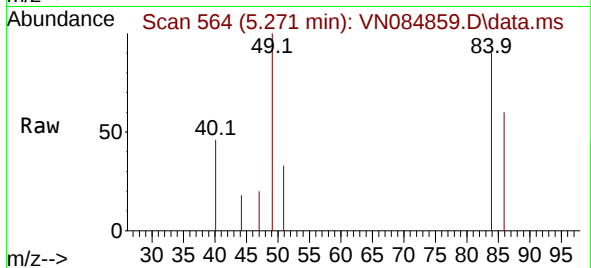
Tgt Ion: 43 Resp: 6124
Ion Ratio Lower Upper
43 100
74 20.9 19.2 28.8



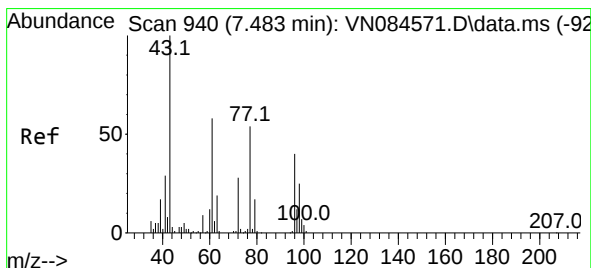
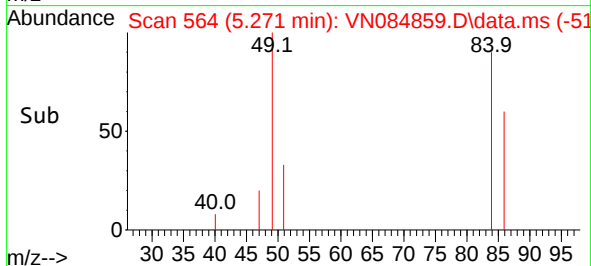
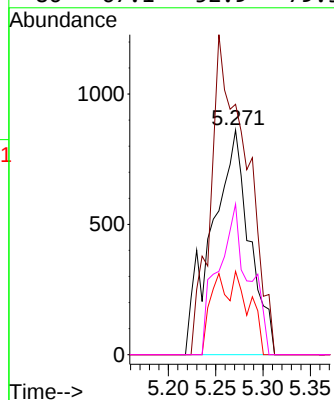


#20
Methylene Chloride
Concen: 1.034 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

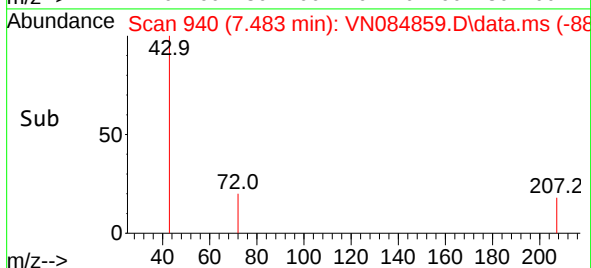
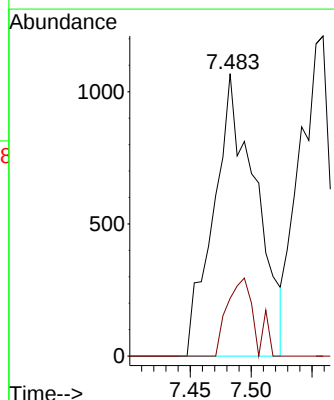
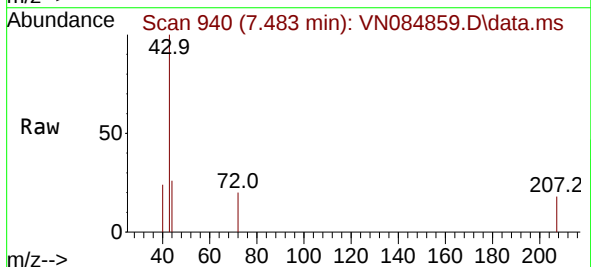


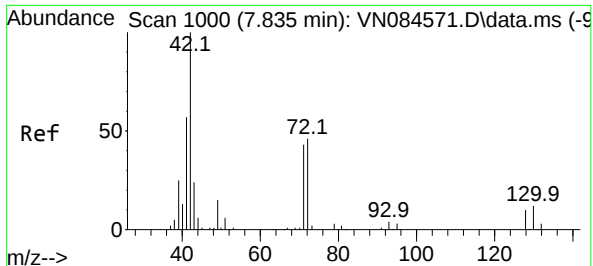
Tgt Ion:	84	Resp:	2381
Ion	Ratio	Lower	Upper
84	100		
49	111.5	107.2	160.8
51	37.1	31.8	47.8
86	67.1	52.9	79.3



#25
2-Butanone
Concen: 2.099 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion:	43	Resp:	2564
Ion	Ratio	Lower	Upper
43	100		
72	20.4	21.4	32.2#





#29

Tetrahydrofuran

Concen: 0.722 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

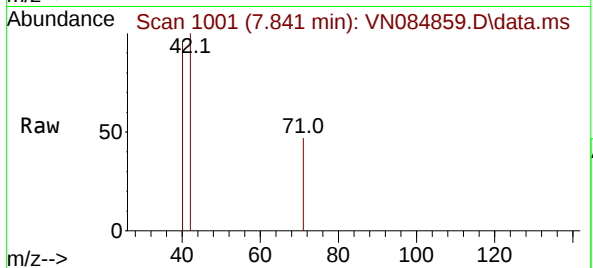
Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

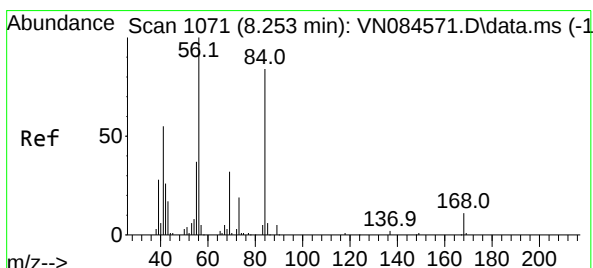
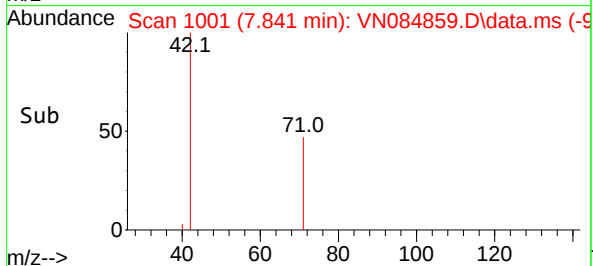
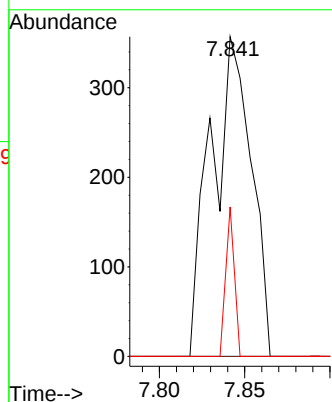
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	585
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	10.1	32.2	48.4#



#31

Cyclohexane

Concen: 1.063 ug/l

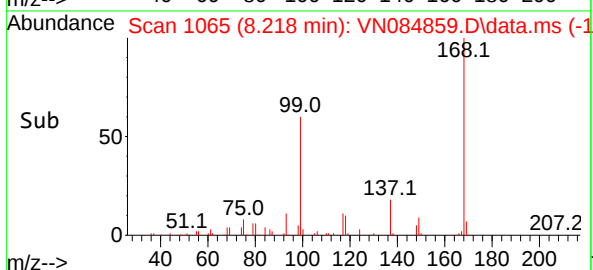
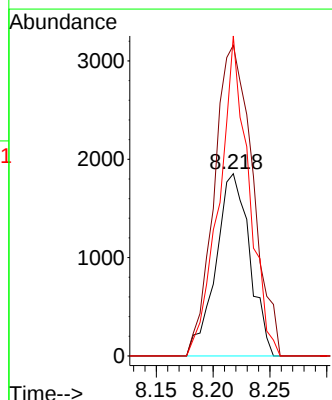
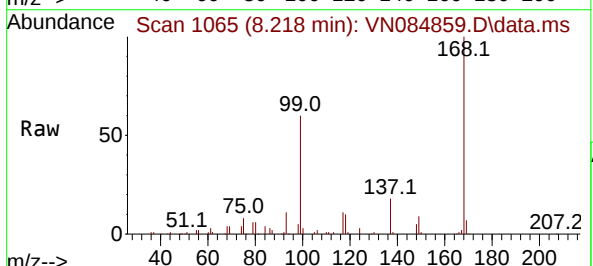
RT: 8.218 min Scan# 1065

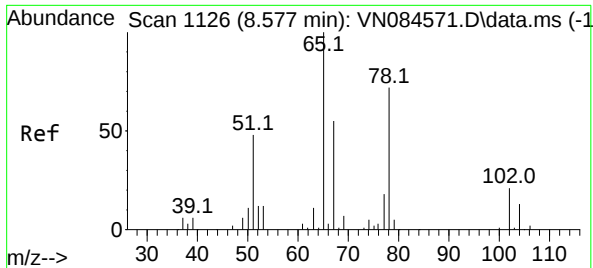
Delta R.T. -0.035 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

Tgt Ion:	56	Resp:	3843
Ion	Ratio	Lower	Upper
56	100		
69	170.5	23.8	35.6#
84	175.6	68.8	103.2#

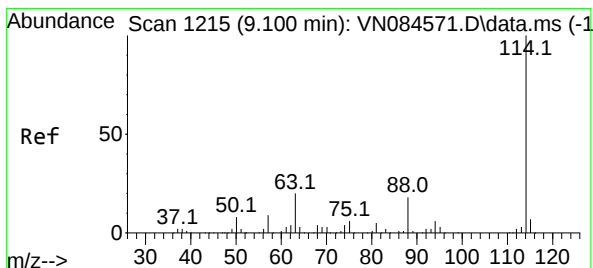
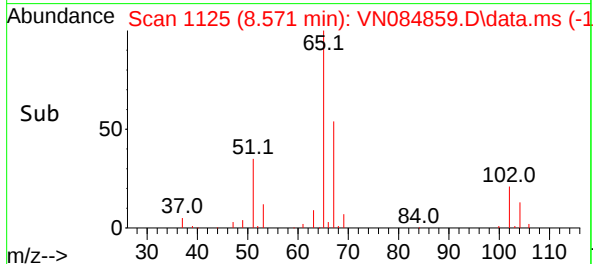
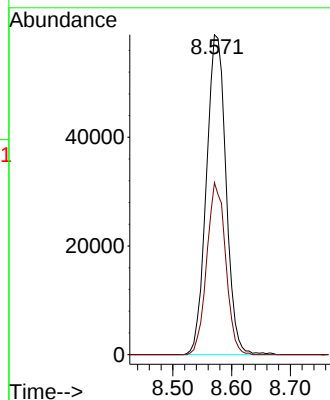
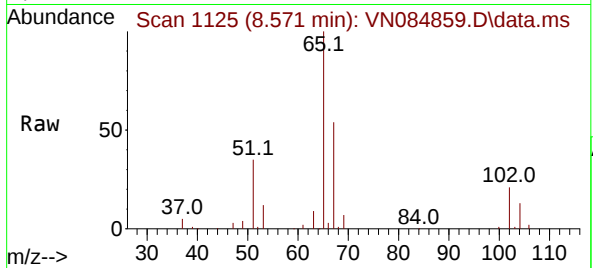




#33
1,2-Dichloroethane-d4
Concen: 52.086 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

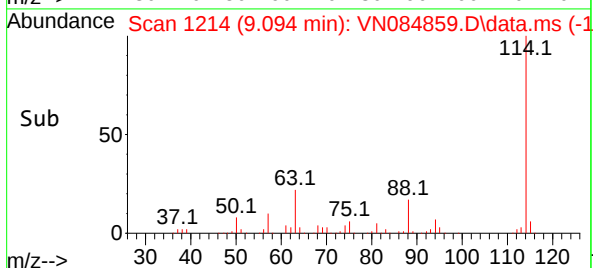
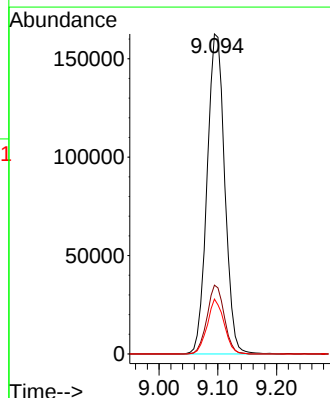
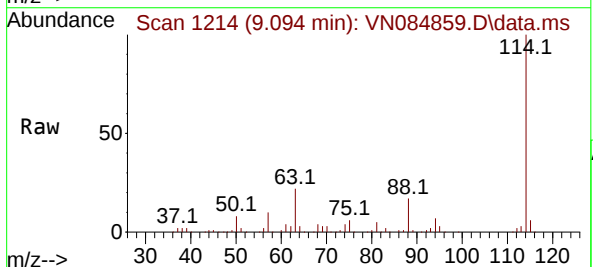
Instrument :
MSVOA_N
ClientSampleId :

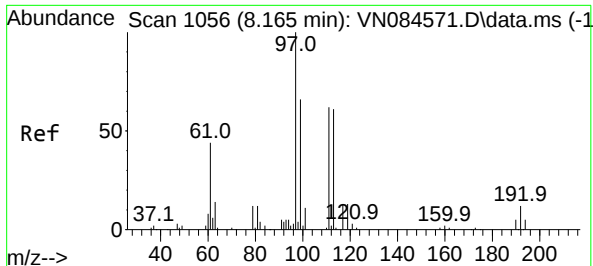
Tgt Ion: 65 Resp: 136381
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 114 Resp: 339386
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.8
88 17.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.724 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :

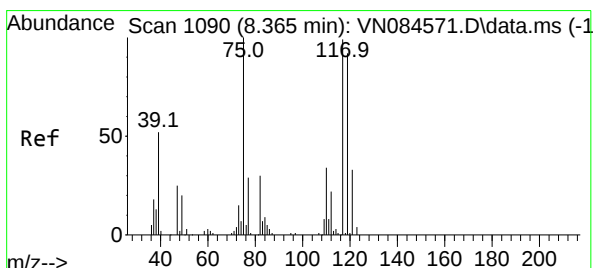
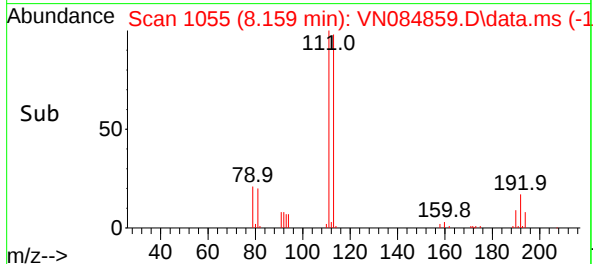
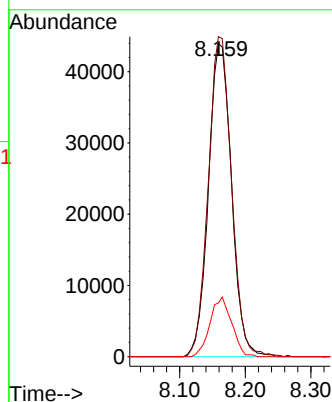
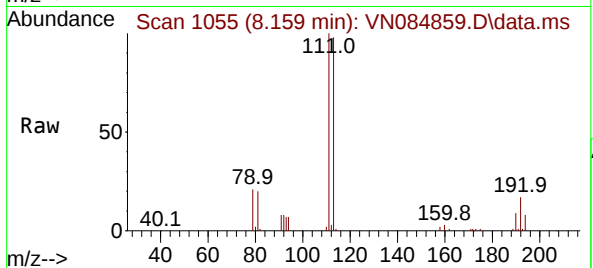
Tgt Ion:113 Resp: 107337

Ion Ratio Lower Upper

113 100

111 102.6 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.954 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

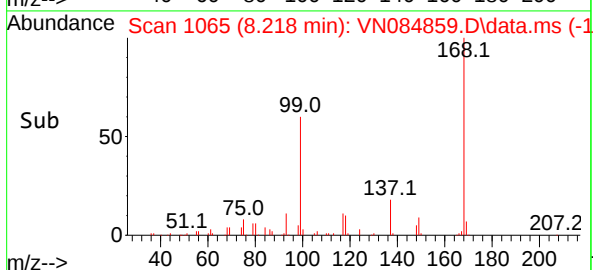
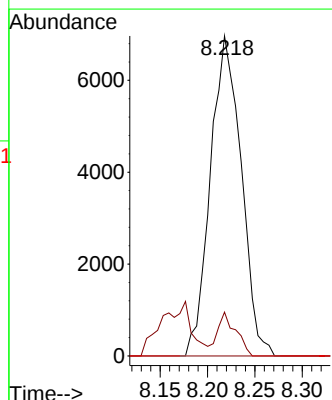
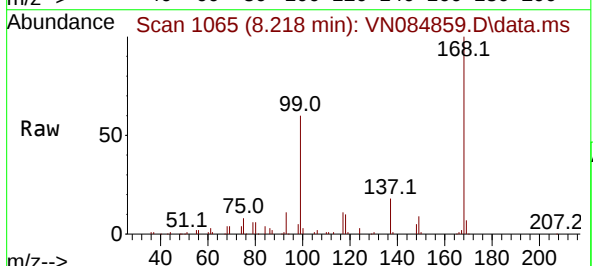
Tgt Ion: 75 Resp: 15784

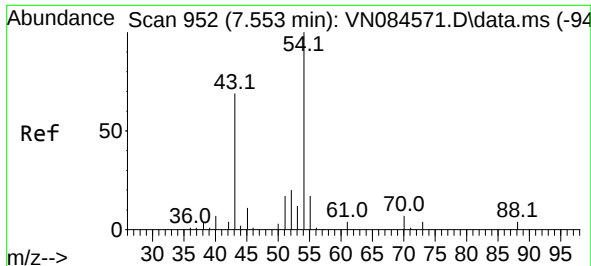
Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.7#

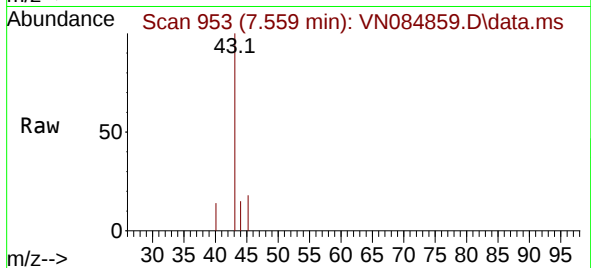
77 0.0 24.7 37.1#



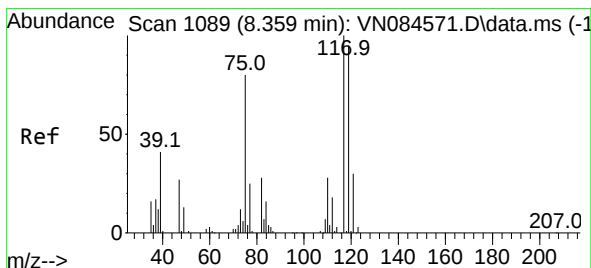
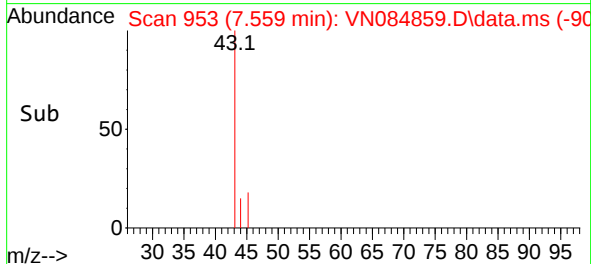
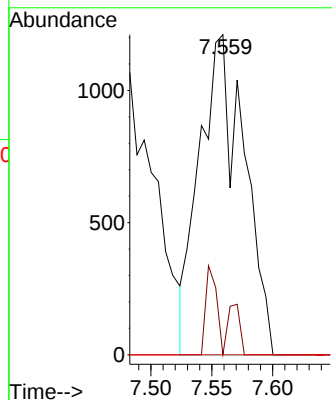


#37
Ethyl Acetate
Concen: 1.063 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

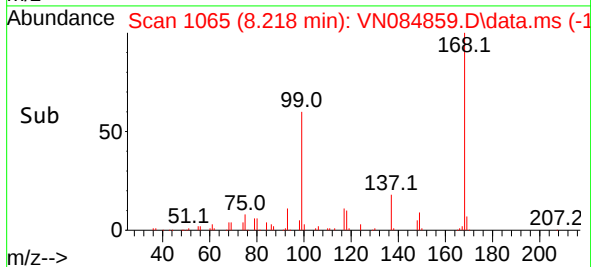
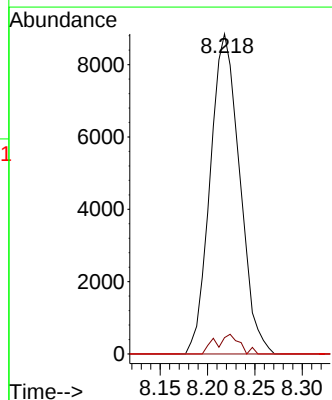
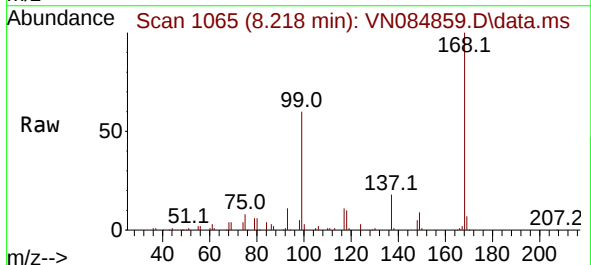


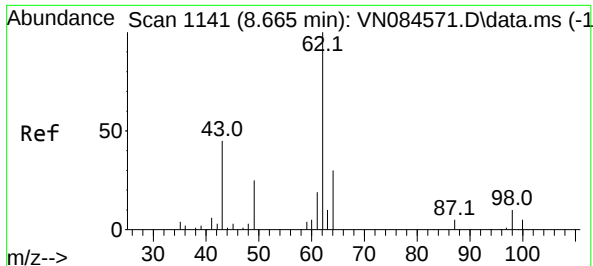
Tgt Ion: 43 Resp: 3074
Ion Ratio Lower Upper
43 100
61 4.3 10.7 16.1#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.389 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 117 Resp: 19191
Ion Ratio Lower Upper
117 100
119 5.1 78.7 118.1#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.256 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

Instrument :

MSVOA_N

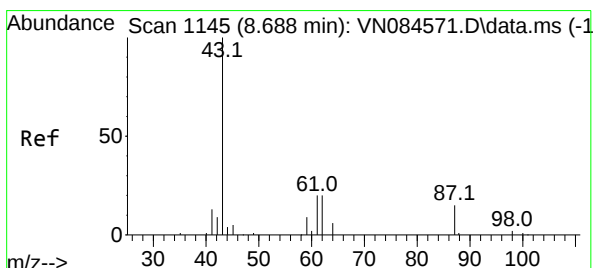
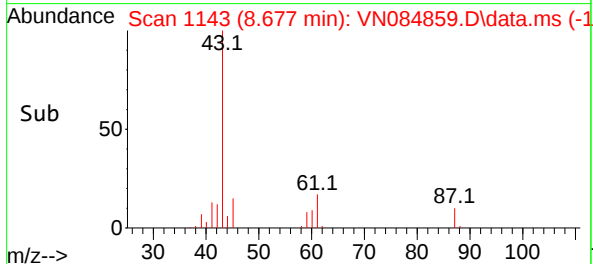
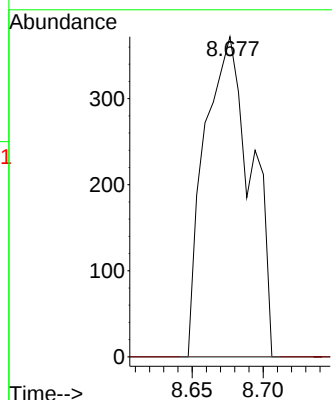
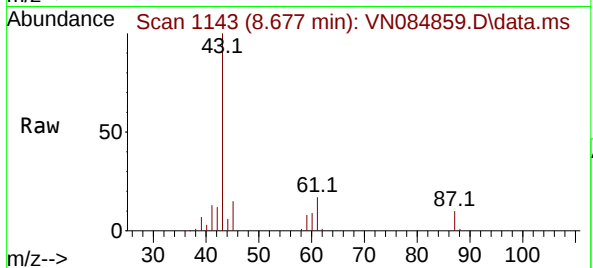
ClientSampleId :

Tgt Ion: 62 Resp: 849

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 30.578 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.005 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

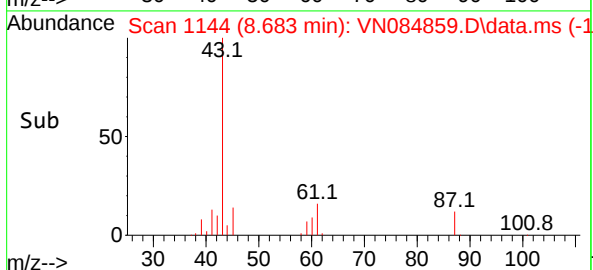
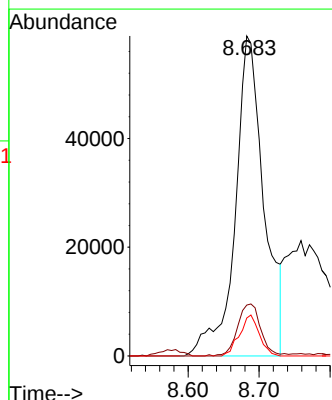
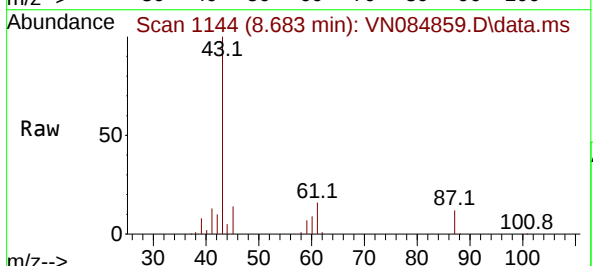
Tgt Ion: 43 Resp: 165296

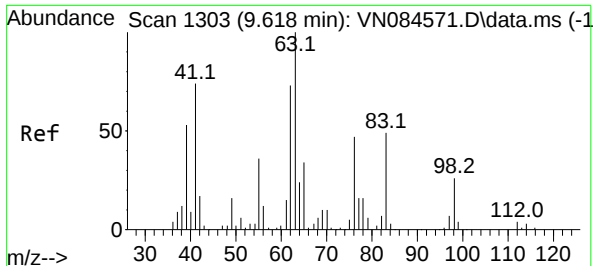
Ion Ratio Lower Upper

43 100

61 13.2 20.4 30.6#

87 8.8 10.3 15.5#





#45

1,2-Dichloropropane

Concen: 0.527 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.117 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

Instrument :

MSVOA_N

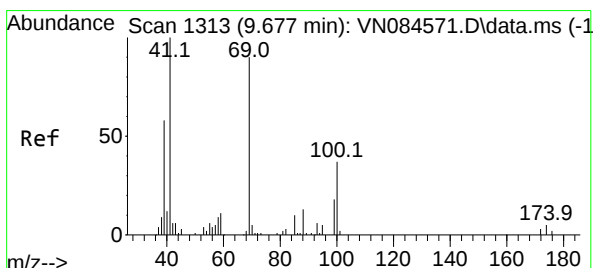
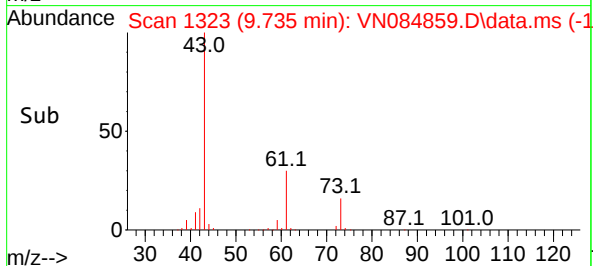
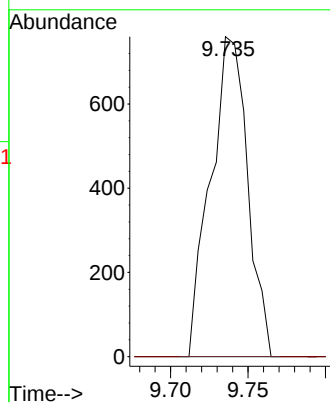
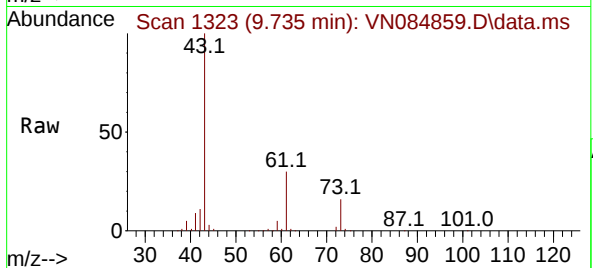
ClientSampleId :

Tgt Ion: 63 Resp: 1264

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.320 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

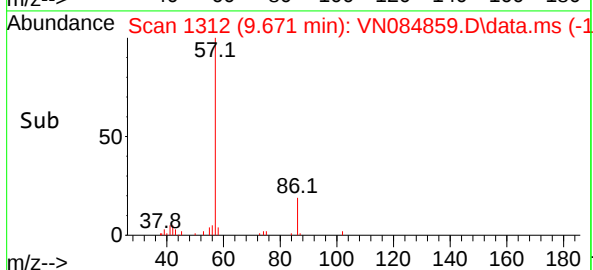
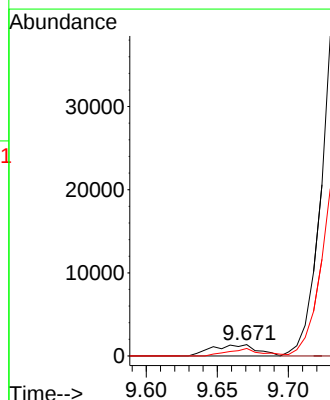
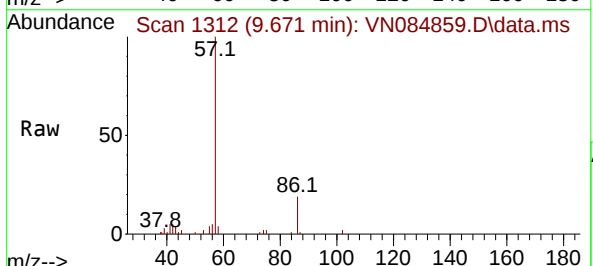
Tgt Ion: 41 Resp: 2969

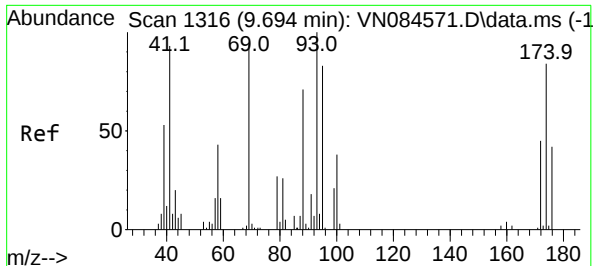
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

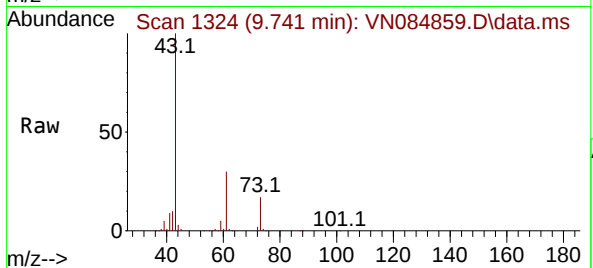
39 0.0 45.8 68.6#



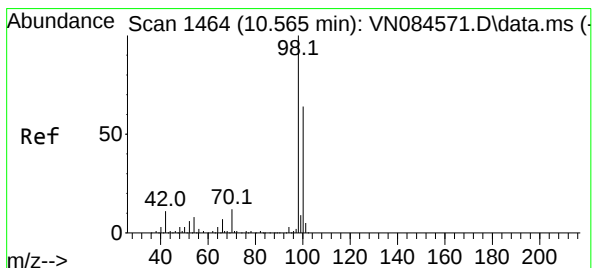
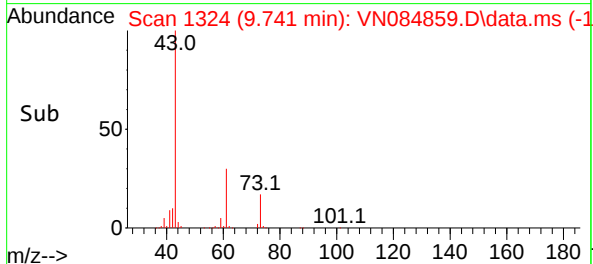
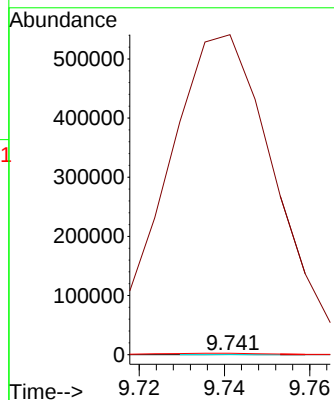


#49
1,4-Dioxane
Concen: 1.731 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

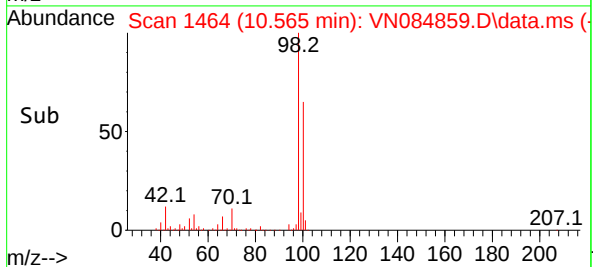
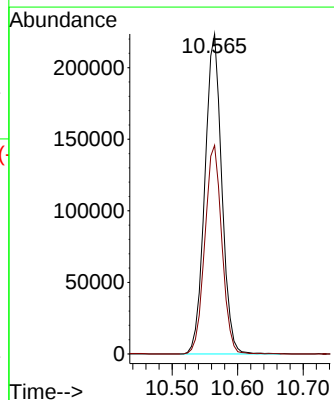
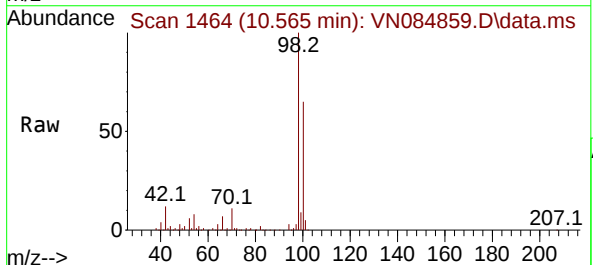


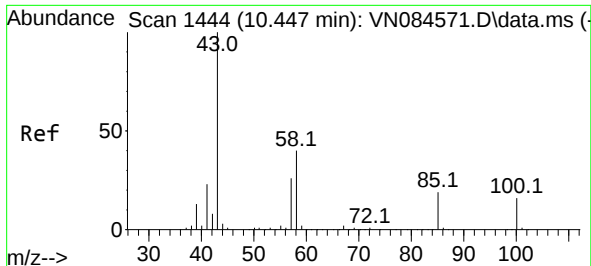
Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 1422026.1 25.3 37.9#
58 6831.9 56.4 84.6#



#50
Toluene-d8
Concen: 47.358 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 98 Resp: 400760
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

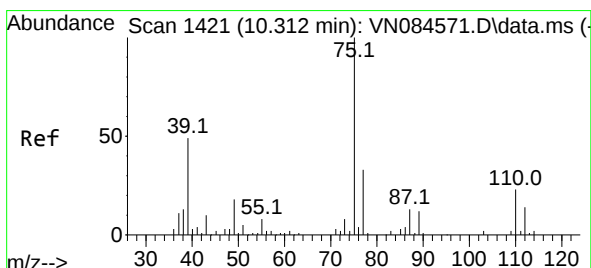
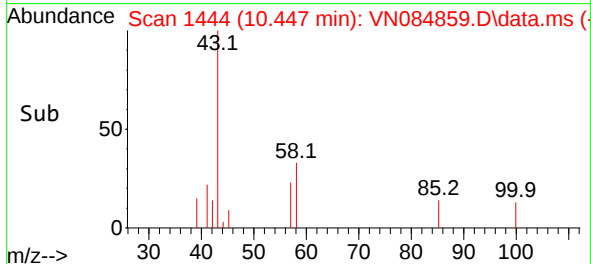
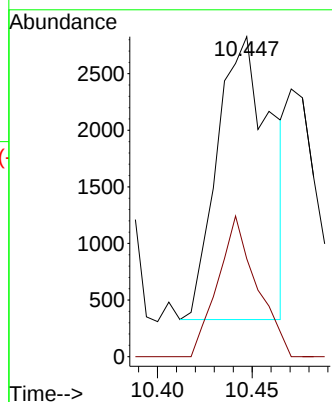
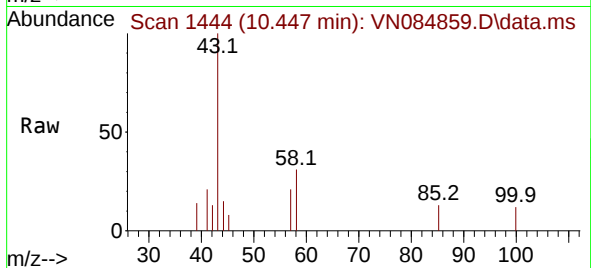




#51
4-Methyl-2-Pentanone
Concen: 1.791 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

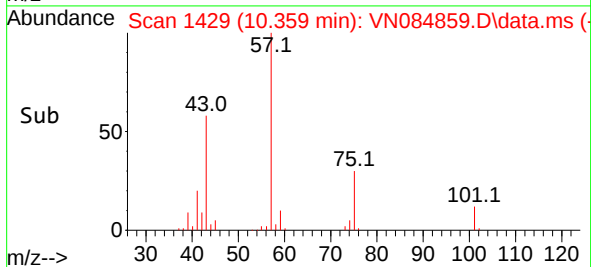
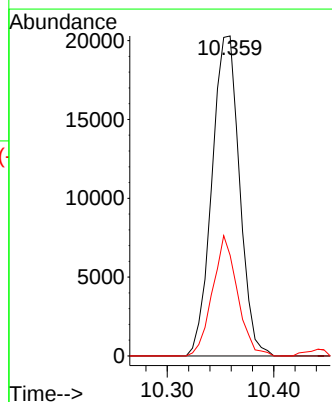
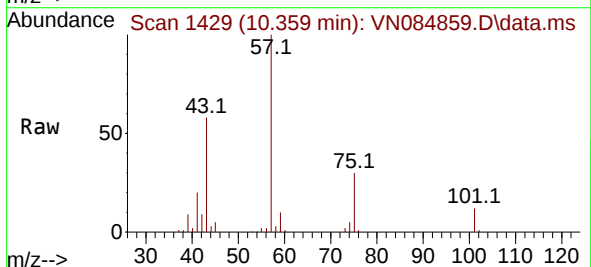
Instrument :
MSVOA_N
ClientSampleId :

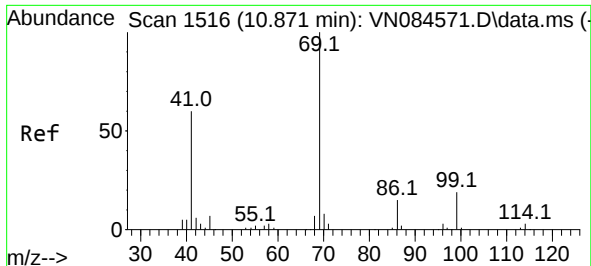
Tgt Ion: 43 Resp: 4936
Ion Ratio Lower Upper
43 100
58 36.0 31.6 47.4



#54
cis-1,3-Dichloropropene
Concen: 9.321 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 75 Resp: 36457
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 31.5 38.7 58.1#

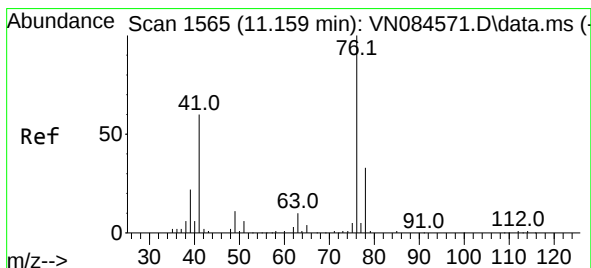
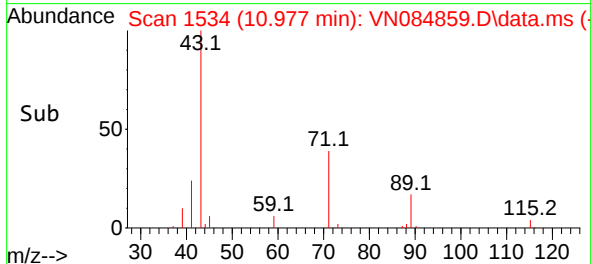
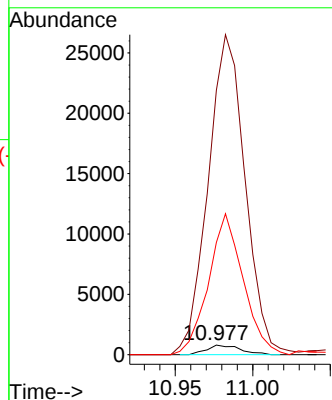
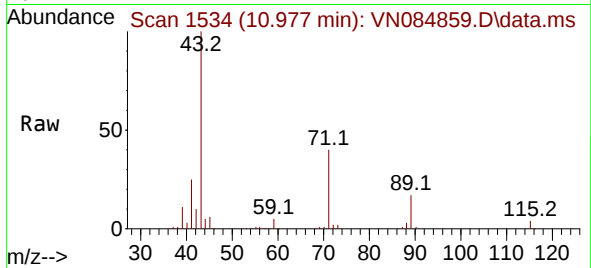




#56
Ethyl methacrylate
Concen: 0.367 ug/l
RT: 10.977 min Scan# 1196
Delta R.T. 0.106 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

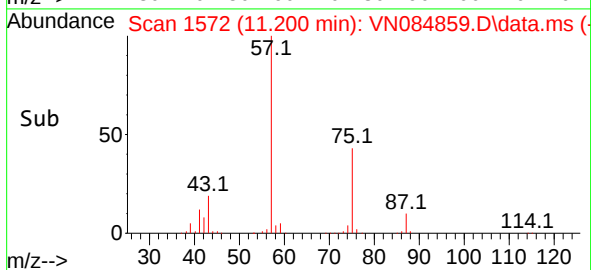
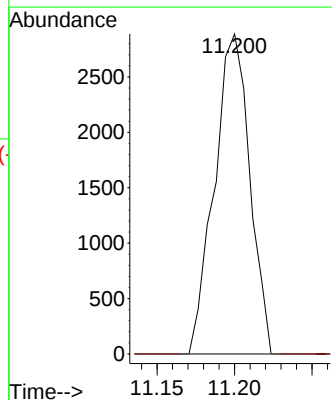
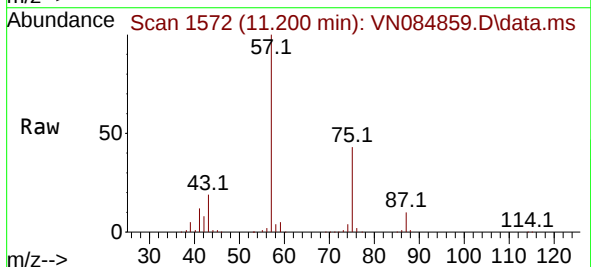
Instrument :
MSVOA_N
ClientSampleId :

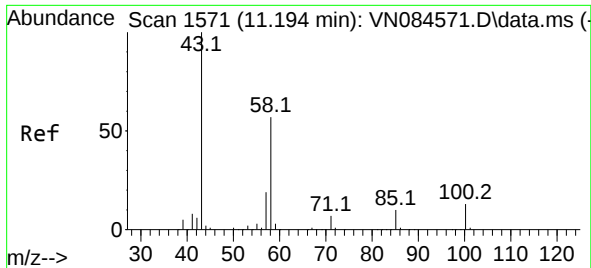
Tgt Ion: 69 Resp: 1196
Ion Ratio Lower Upper
69 100
41 3688.9 53.3 79.9#
39 1517.6 28.8 43.2#



#57
1,3-Dichloropropane
Concen: 1.182 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 76 Resp: 4572
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

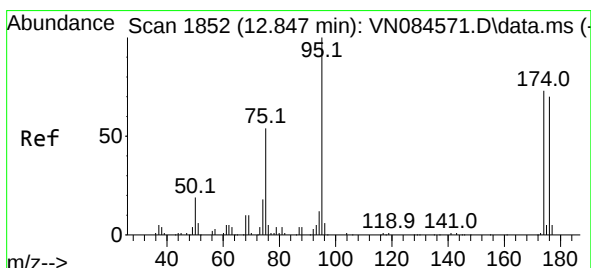
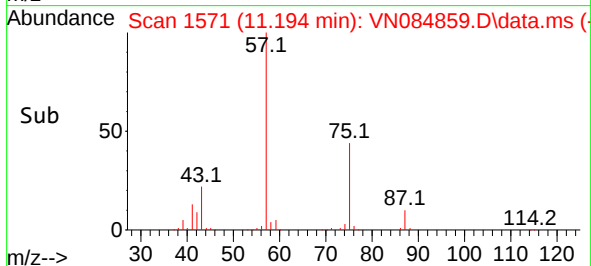
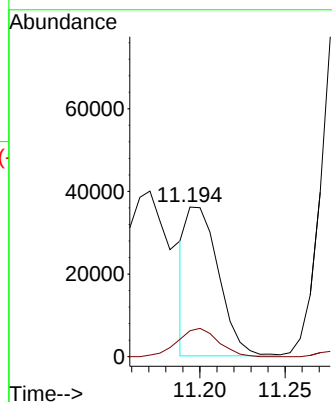
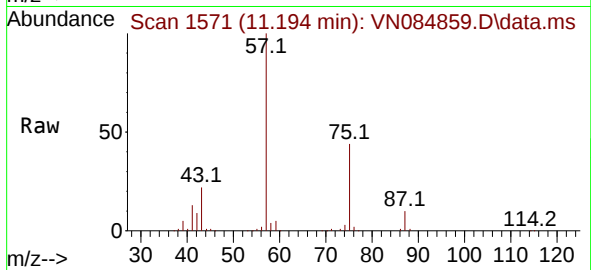




#59
2-Hexanone
Concen: 23.642 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

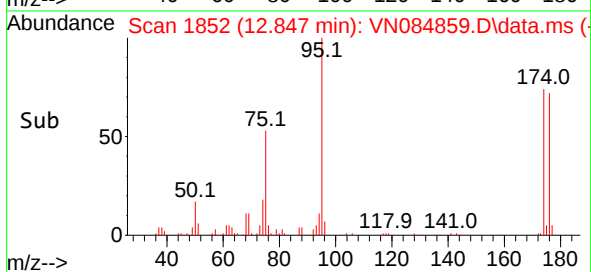
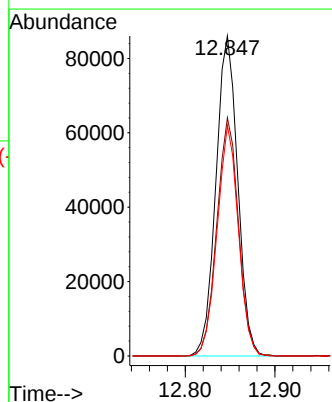
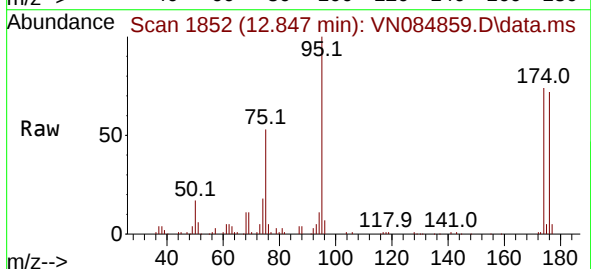
Instrument :
MSVOA_N
ClientSampleId :

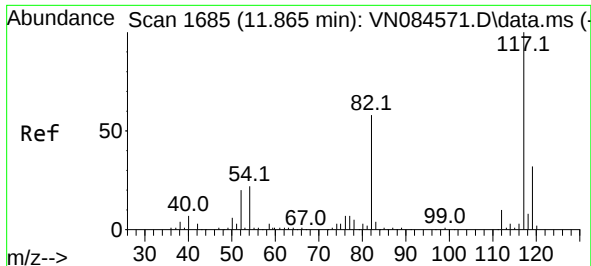
Tgt Ion: 43 Resp: 47421
Ion Ratio Lower Upper
43 100
58 24.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 45.844 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 95 Resp: 144987
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.2
176 70.2 0.0 140.0

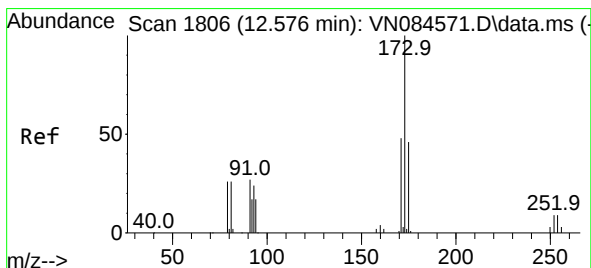
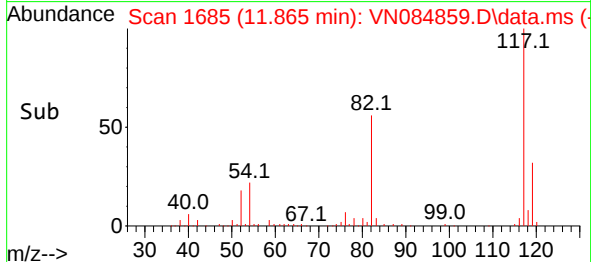
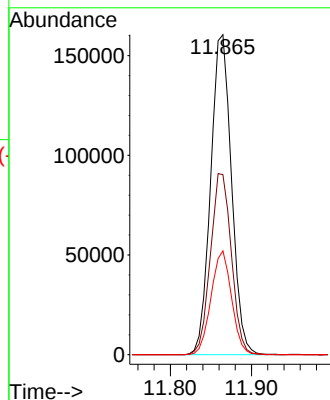
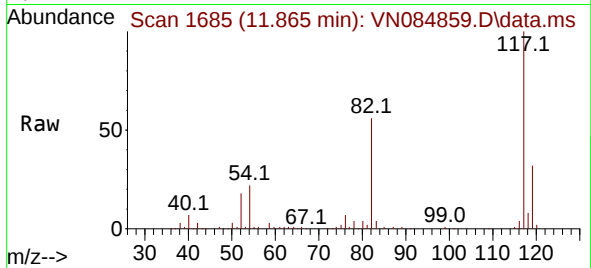




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

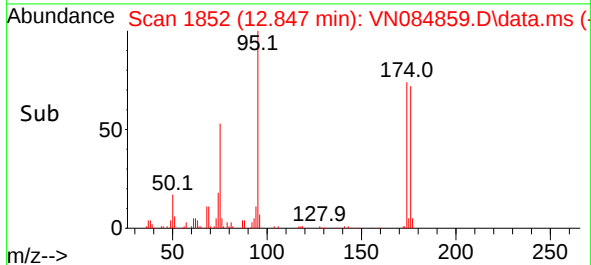
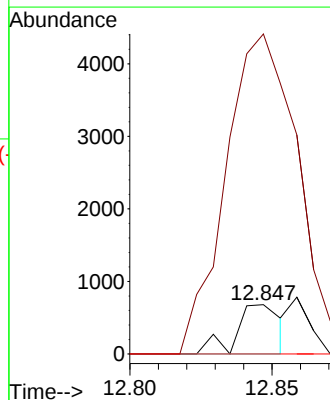
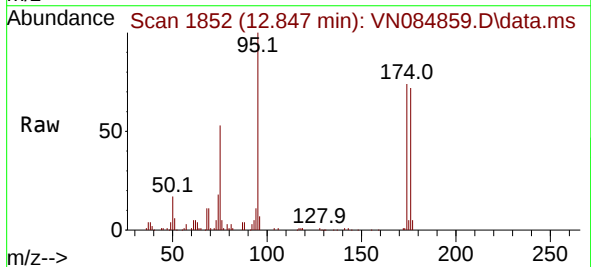
Instrument :
MSVOA_N
ClientSampleId :

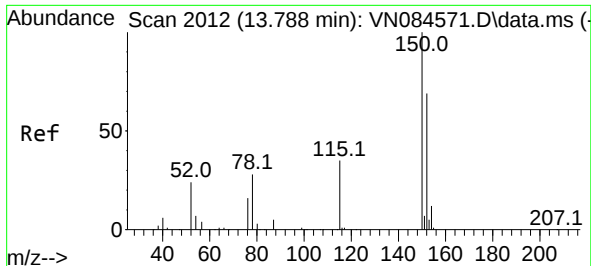
Tgt Ion:117 Resp: 286052
Ion Ratio Lower Upper
117 100
82 56.3 47.2 70.8
119 32.4 25.4 38.0



#71
Bromoform
Concen: 0.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

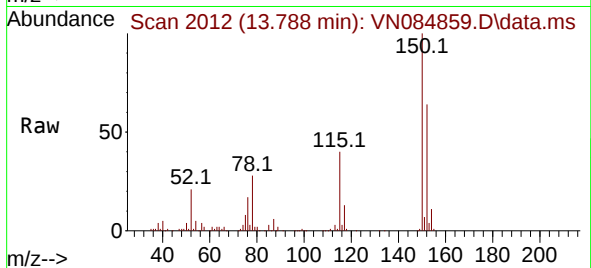
Tgt Ion:173 Resp: 745
Ion Ratio Lower Upper
173 100
175 819.2 23.5 70.6#
254 0.0 0.0 0.0



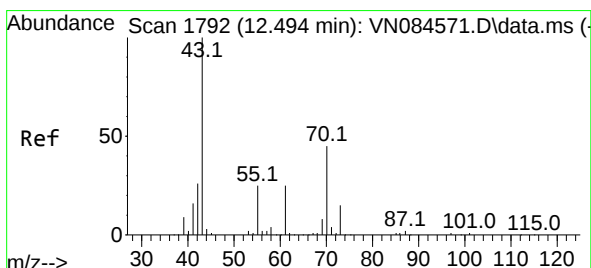
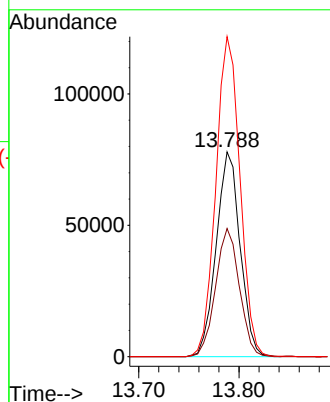
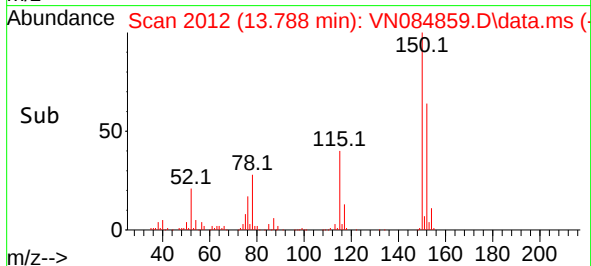


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :

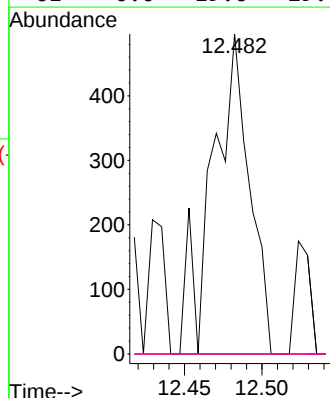
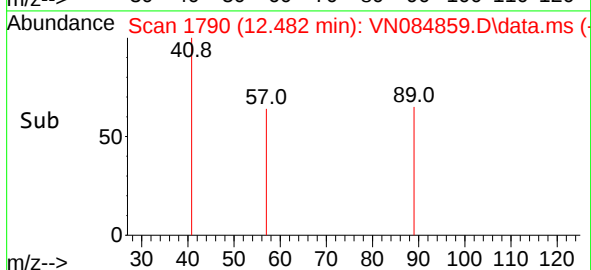
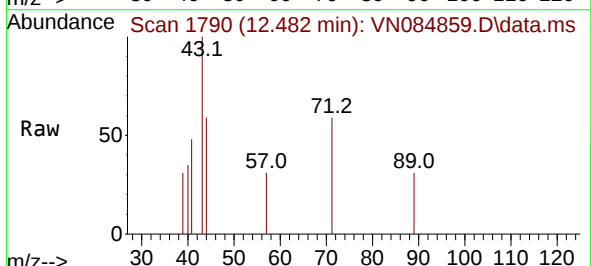


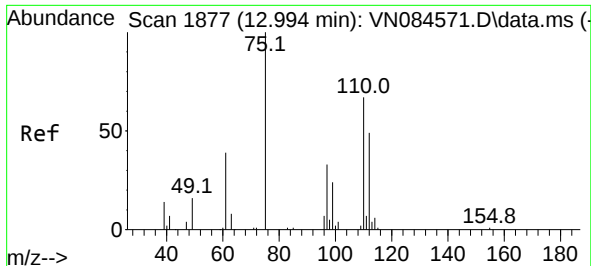
Tgt Ion:152 Resp: 128860
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 157.7 0.0 349.8



#74
N-ethyl acetate
Concen: 0.217 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 43 Resp: 834
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#

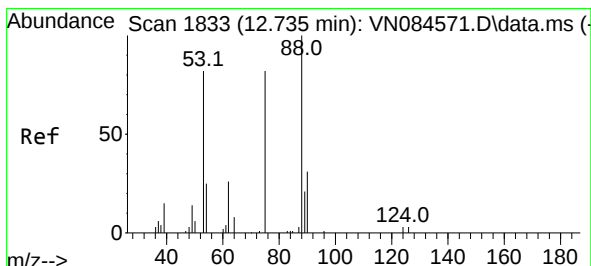
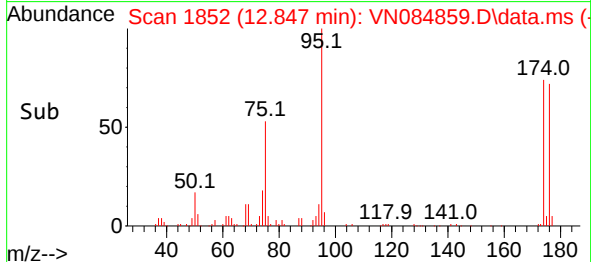
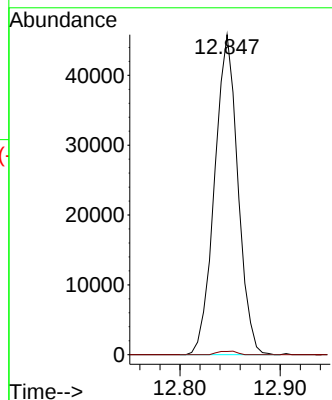
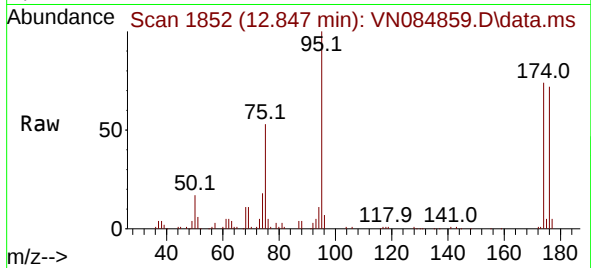




#76
1,2,3-Trichloropropane
Concen: 28.742 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

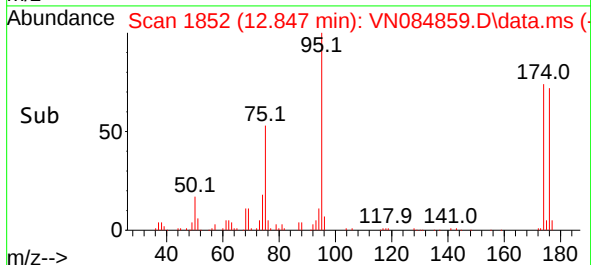
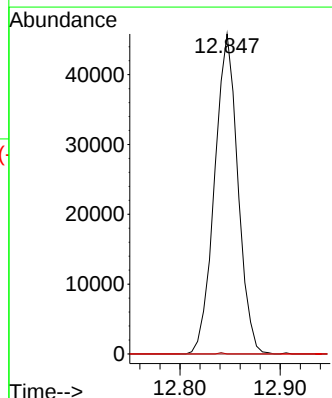
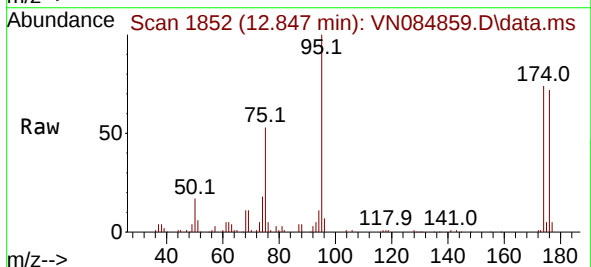
Instrument :
MSVOA_N
ClientSampleId :

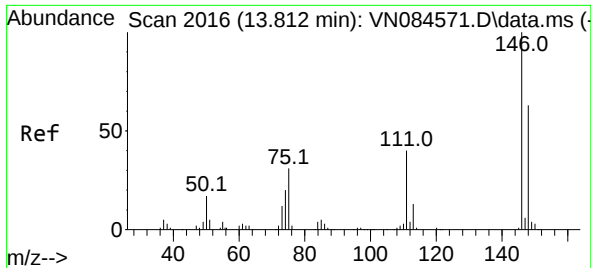
Tgt Ion: 75 Resp: 74035
Ion Ratio Lower Upper
75 100
77 0.9 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.187 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084859.D
Acq: 14 Nov 2024 18:10

Tgt Ion: 75 Resp: 74035
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.818 min Scan# 20

Delta R.T. 0.006 min

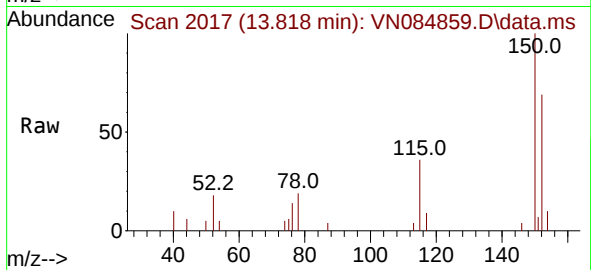
Lab File: VN084859.D

Acq: 14 Nov 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 126

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 140.5 31.9 95.9#

