

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084921.D
 Acq On : 18 Nov 2024 15:40
 Operator : JC\MD
 Sample : PB165013TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 00:28:08 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	182023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	132775	50.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.000%			
35) Dibromofluoromethane	8.165	113	103600	46.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.940%			
50) Toluene-d8	10.565	98	391741	47.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.400%			
62) 4-Bromofluorobenzene	12.847	95	169067	55.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.160%			
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.118	85	655	0.313	ug/l	87
3) Chloromethane	2.365	50	1345	Below Cal	#	84
4) Vinyl Chloride	2.518	62	746	0.331	ug/l #	46
5) Bromomethane	2.901	94	646	0.542	ug/l	99
6) Chloroethane	3.101	64	377	Below Cal	#	45
7) Trichlorofluoromethane	3.453	101	875	0.236	ug/l	95
11) Tert butyl alcohol	5.495	59	3055	8.803	ug/l #	73
12) 1,1-Dichloroethene	4.312	96	417	0.201	ug/l #	62
16) Acetone	4.430	43	27878	34.248	ug/l	100
17) Carbon Disulfide	4.695	76	1999	0.313	ug/l #	62
18) Methyl Acetate	5.042	43	3859	Below Cal		91
20) Methylene Chloride	5.271	84	8892	3.846	ug/l #	84
21) trans-1,2-Dichloroethene	5.771	96	482	0.226	ug/l	89
24) 1,1-Dichloroethane	6.559	63	1015	0.253	ug/l #	83
25) 2-Butanone	7.489	43	4107	3.348	ug/l	91
27) cis-1,2-Dichloroethene	7.489	96	608	0.245	ug/l	88
28) Bromochloromethane	7.812	49	490	0.307	ug/l #	69
29) Tetrahydrofuran	7.841	42	435	0.535	ug/l #	61
30) Chloroform	7.959	83	1181	0.289	ug/l	93
31) Cyclohexane	8.218	56	4918	1.355	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	15241	4.929	ug/l #	50
37) Ethyl Acetate	7.565	43	2970	1.059	ug/l #	91
38) Carbon Tetrachloride	8.359	117	700	0.203	ug/l #	89
39) Methylcyclohexane	9.594	83	953	0.303	ug/l #	70
40) Benzene	8.600	78	3177	0.320	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	1721	0.535	ug/l #	75
43) Isopropyl Acetate	8.688	43	120247	22.673	ug/l #	91
44) Trichloroethene	9.353	130	626	0.273	ug/l	79
45) 1,2-Dichloropropane	9.612	63	743	0.319	ug/l	99
47) Bromodichloromethane	9.888	83	1169	0.337	ug/l #	84
48) Methyl methacrylate	9.741	41	87912	40.264	ug/l #	43
49) 1,4-Dioxane	9.735	88	55	1.422	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	11190	4.184	ug/l #	78
52) Toluene	10.618	92	2175	0.375	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	1071	0.299	ug/l #	42
54) cis-1,3-Dichloropropene	10.353	75	40552	10.683	ug/l #	63

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 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)

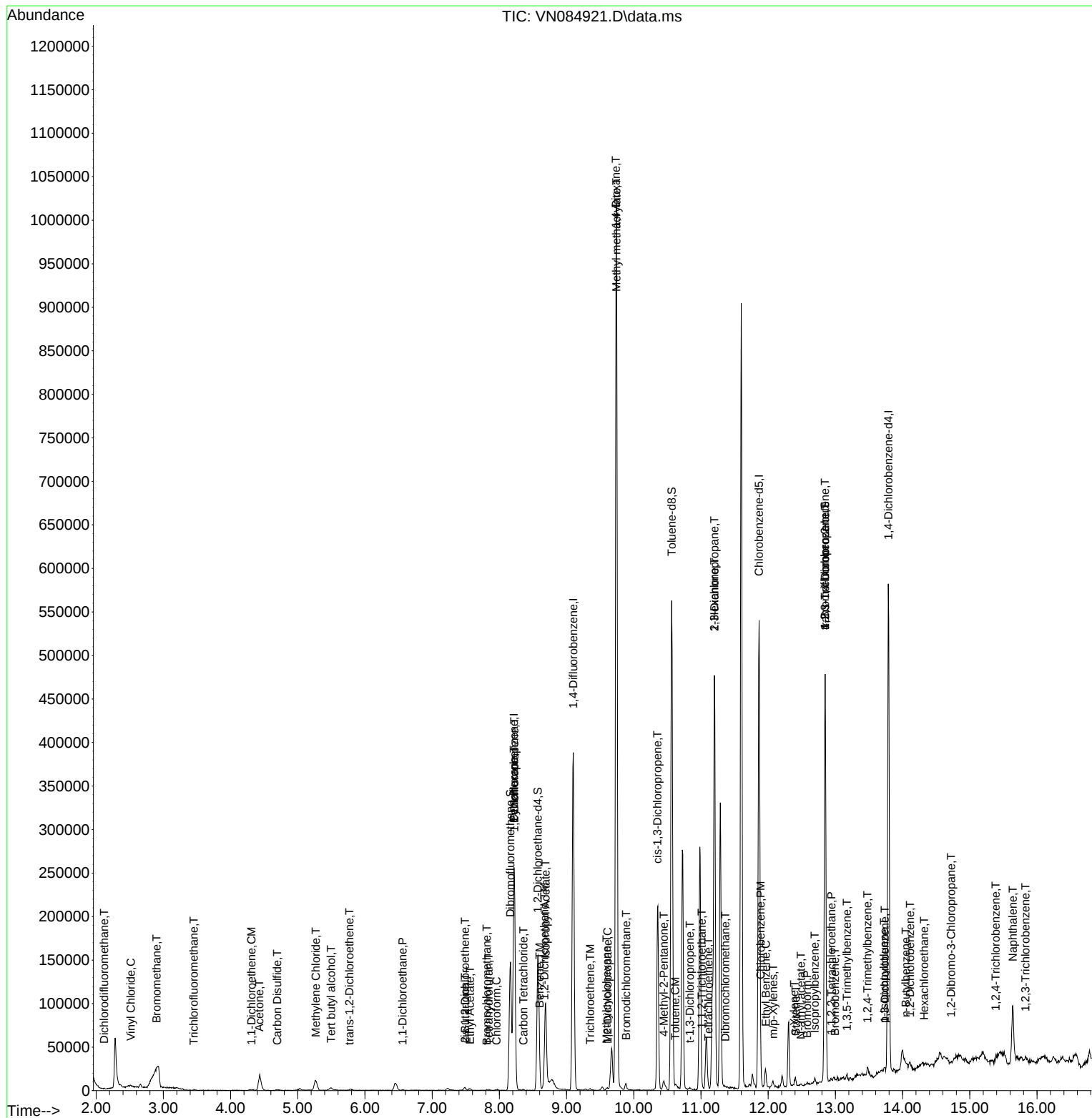
55) 1,1,2-Trichloroethane	11.012	97	918	0.420	ug/l #	87
57) 1,3-Dichloropropane	11.200	76	5299	1.411	ug/l #	42
59) 2-Hexanone	11.200	43	59475	30.552	ug/l #	57
60) Dibromochloromethane	11.365	129	1170	0.469	ug/l	66
64) Tetrachloroethene	11.112	164	563	0.278	ug/l #	75
65) Chlorobenzene	11.888	112	2318	0.340	ug/l #	85
67) Ethyl Benzene	11.965	91	6866	0.603	ug/l	93
68) m/p-Xylenes	12.076	106	2074	0.481	ug/l #	66
69) o-Xylene	12.388	106	1624	0.403	ug/l	55
70) Styrene	12.412	104	2458	0.350	ug/l	90
71) Bromoform	12.582	173	778	0.436	ug/l #	74
73) Isopropylbenzene	12.694	105	4546	0.440	ug/l	95
74) N-amyl acetate	12.488	43	1162	0.264	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.941	83	1522	0.441	ug/l	97
76) 1,2,3-Trichloropropane	12.847	75	87406	29.639	ug/l #	1
77) Bromobenzene	12.994	156	556	0.200	ug/l #	26
80) 1,3,5-Trimethylbenzene	13.171	105	3733	0.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	87406	70.315	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.476	105	5354	0.605	ug/l	98
86) p-Isopropyltoluene	13.723	119	1717	0.209	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	2293	0.423	ug/l	91
88) 1,4-Dichlorobenzene	13.806	146	2446	Below Cal	#	2
89) n-Butylbenzene	14.047	91	1791	0.233	ug/l #	75
90) Hexachloroethane	14.323	117	376	0.205	ug/l #	36
91) 1,2-Dichlorobenzene	14.112	146	2222	0.426	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	285	0.408	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.388	180	1558	0.546	ug/l	95
95) Naphthalene	15.641	128	55899	6.546	ug/l	95
96) 1,2,3-Trichlorobenzene	15.829	180	1724	0.623	ug/l #	81

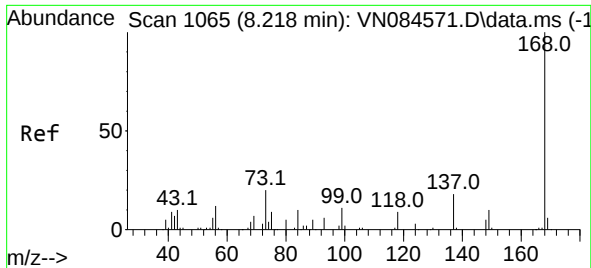
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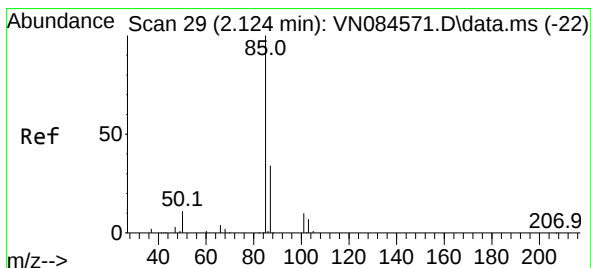
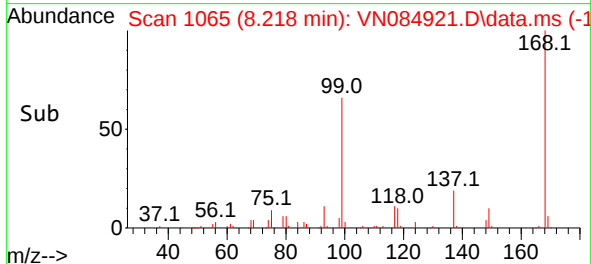
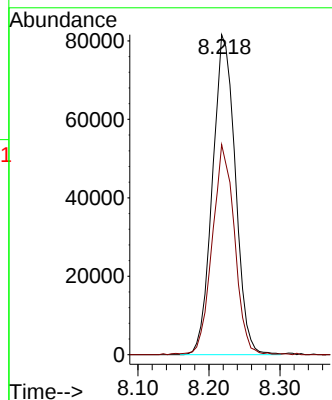
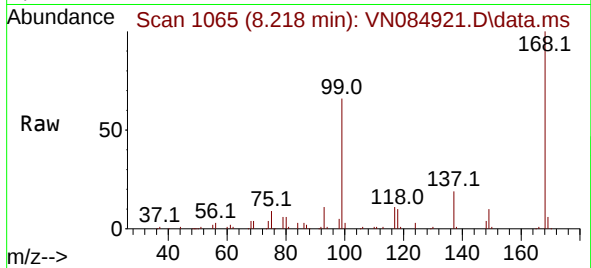




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

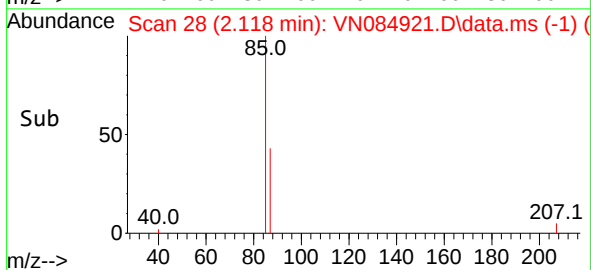
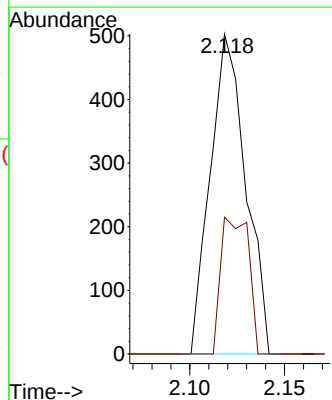
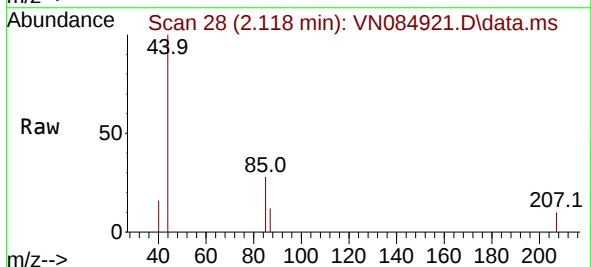
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MSVOA_N
ClientSampleId :

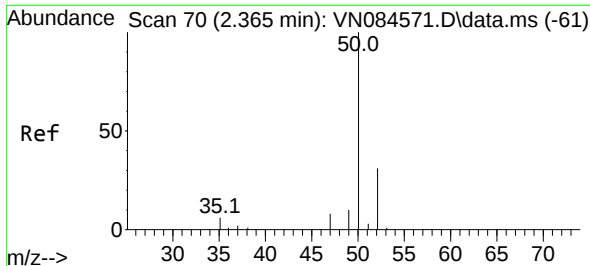
Tgt Ion:168 Resp: 182023
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 0.313 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 85 Resp: 655
Ion Ratio Lower Upper
85 100
87 42.7 17.6 52.9

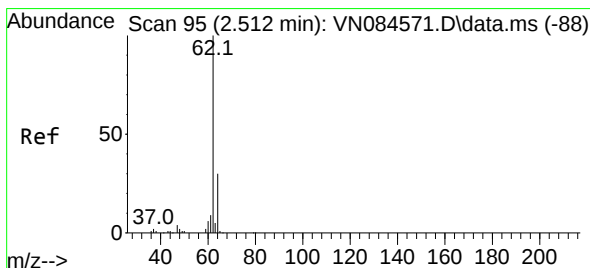
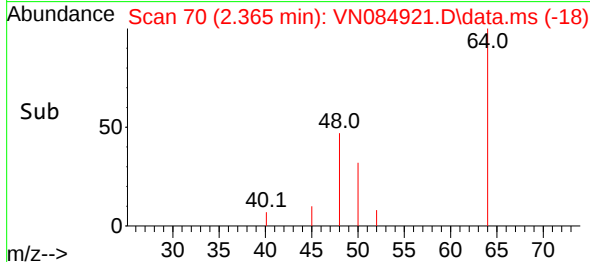
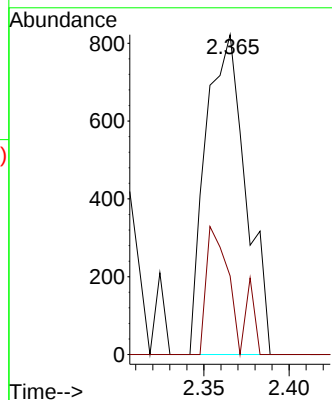
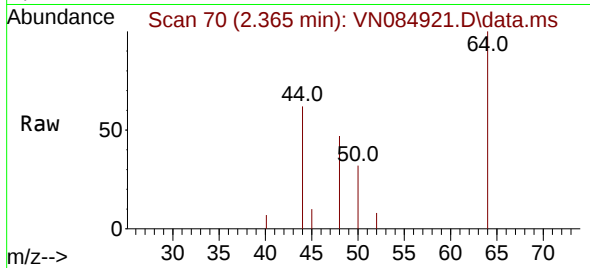




#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

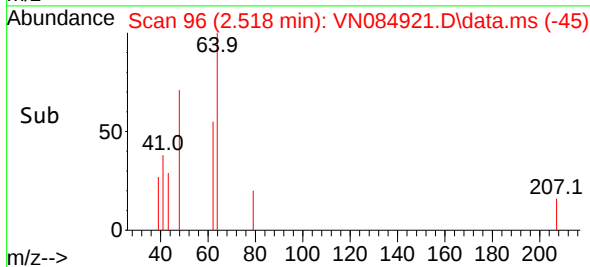
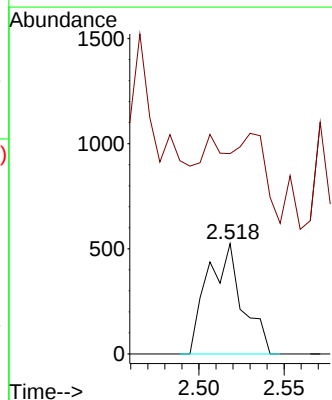
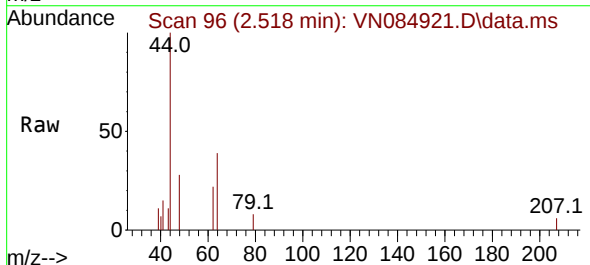
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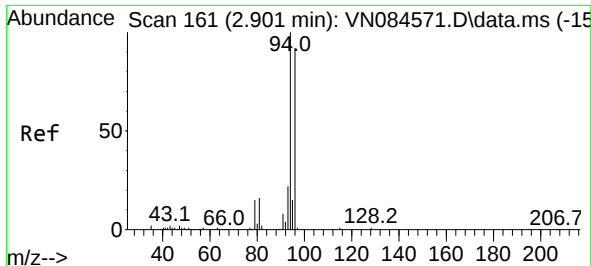
Tgt Ion: 50 Resp: 1345
Ion Ratio Lower Upper
50 100
52 24.6 26.8 40.2#



#4
Vinyl Chloride
Concen: 0.331 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 62 Resp: 746
Ion Ratio Lower Upper
62 100
64 63.2 26.2 39.4#

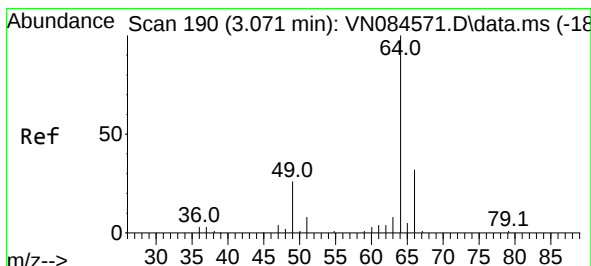
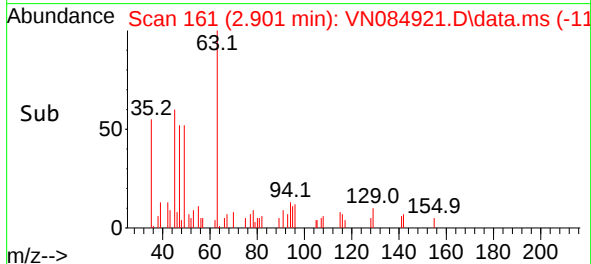
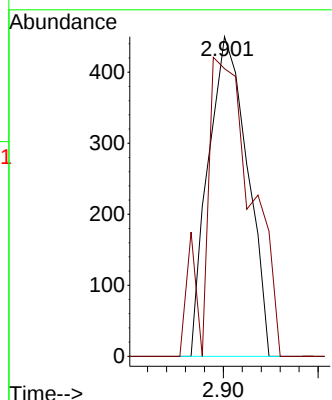
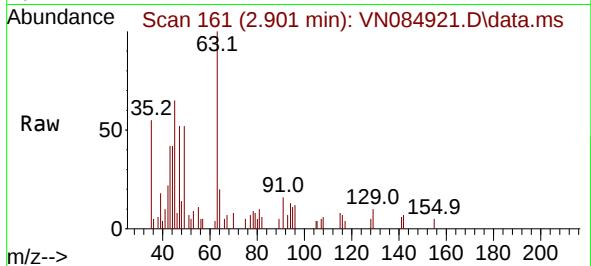




#5
Bromomethane
Concen: 0.542 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

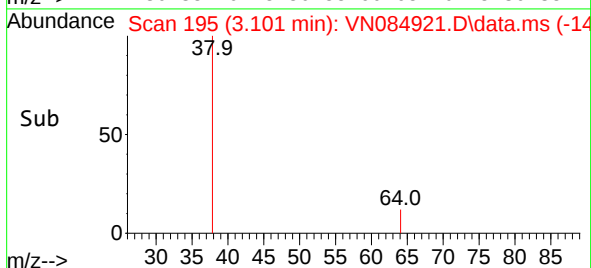
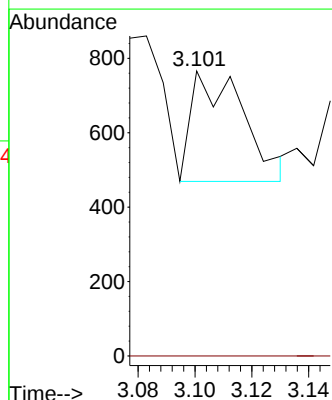
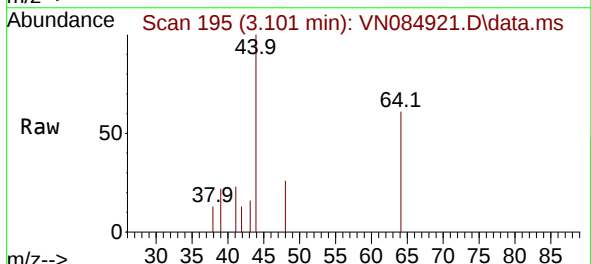
Instrument :
MSVOA_N
ClientSampleId :

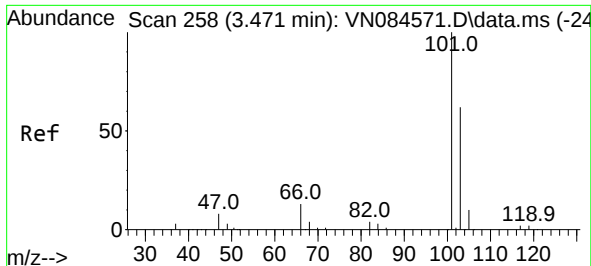
Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 90.0 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 195
Delta R.T. -0.017 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 64 Resp: 377
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

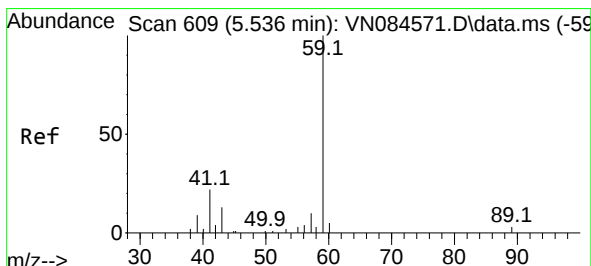
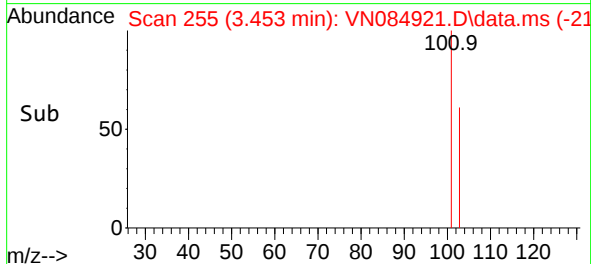
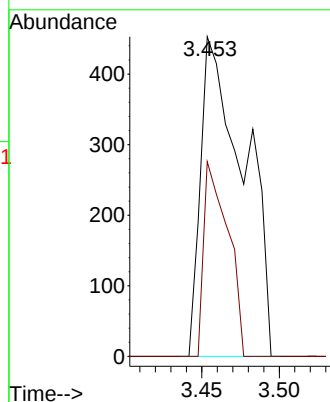
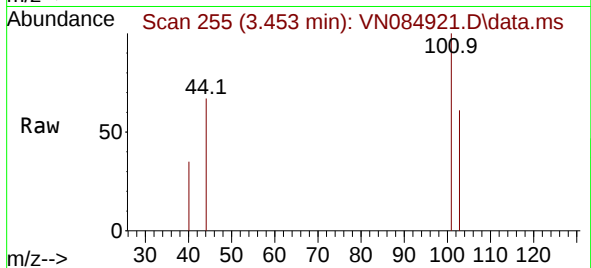




#7
 Trichlorofluoromethane
 Concen: 0.236 ug/l
 RT: 3.453 min Scan# 21
 Delta R.T. -0.042 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

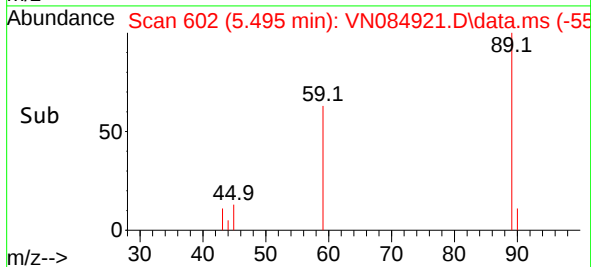
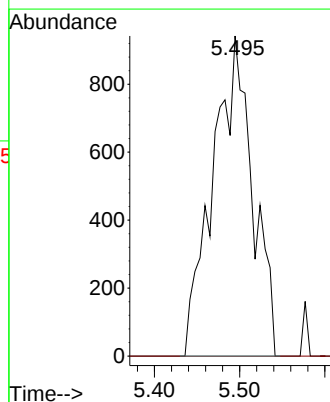
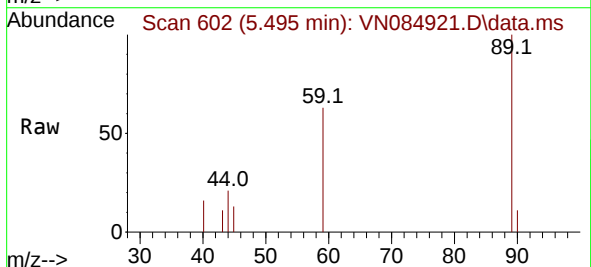
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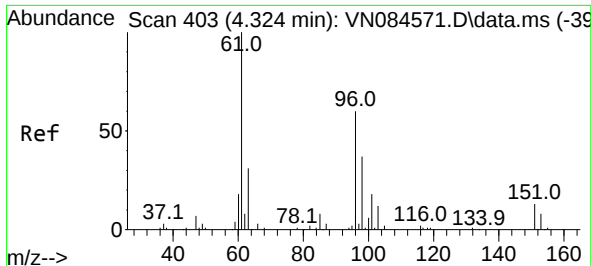
Tgt Ion:101 Resp: 875
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.8 77.6



#11
 Tert butyl alcohol
 Concen: 8.803 ug/l
 RT: 5.495 min Scan# 602
 Delta R.T. -0.029 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

Tgt Ion: 59 Resp: 3055
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.201 ug/l

RT: 4.312 min Scan# 403

Delta R.T. -0.029 min

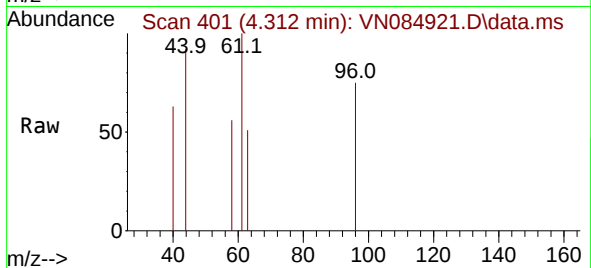
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Instrument :

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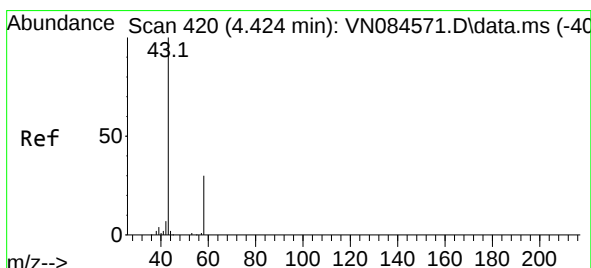
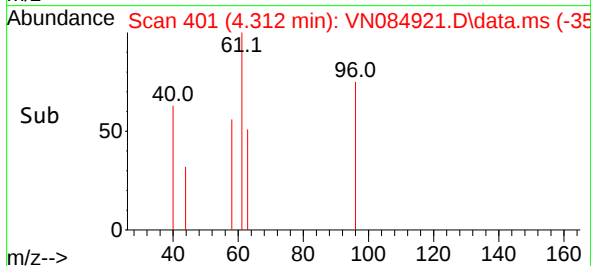
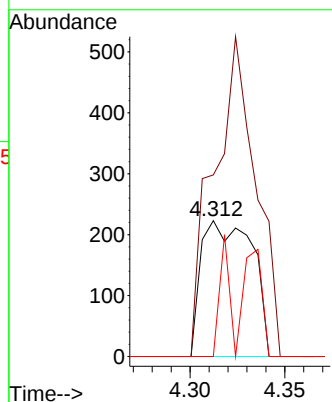
Tgt Ion: 96 Resp: 417

Ion Ratio Lower Upper

96 100

61 133.6 128.6 192.8

98 0.0 51.7 77.5#



#16

Acetone

Concen: 34.248 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN084921.D

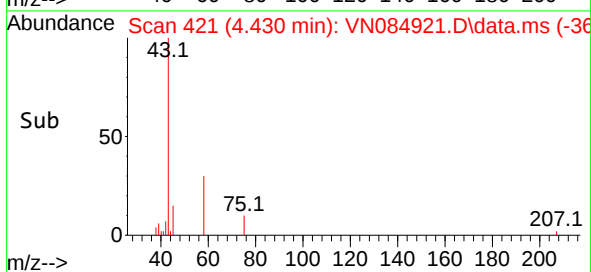
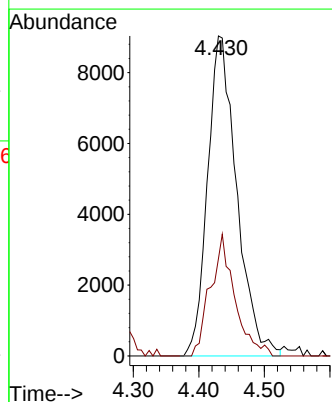
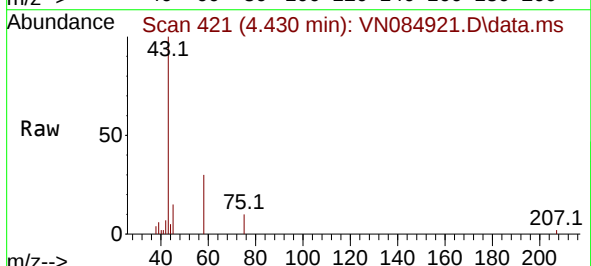
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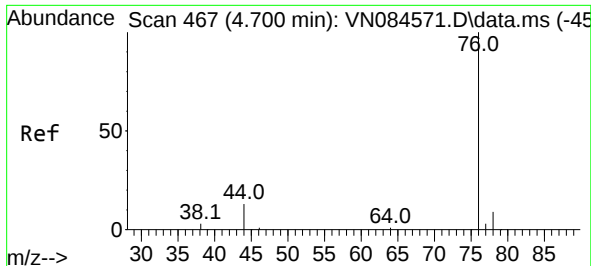
Tgt Ion: 43 Resp: 27878

Ion Ratio Lower Upper

43 100

58 30.4 24.4 36.6

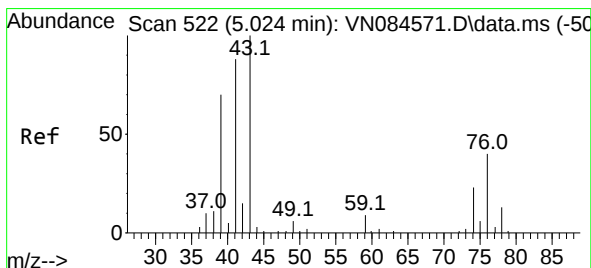
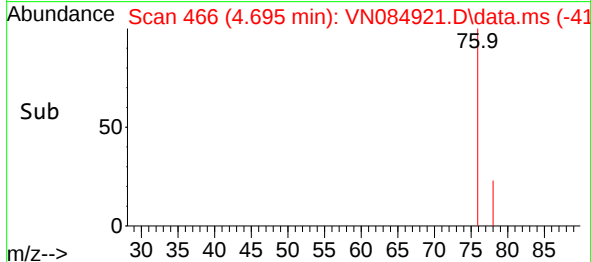
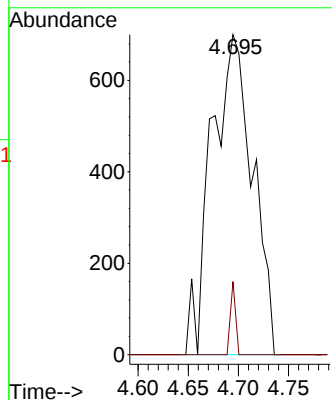
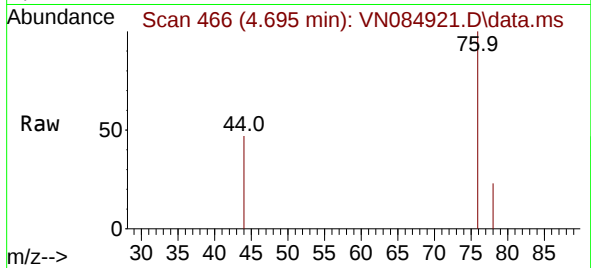




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 4.695 min Scan# 41
Delta R.T. -0.017 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

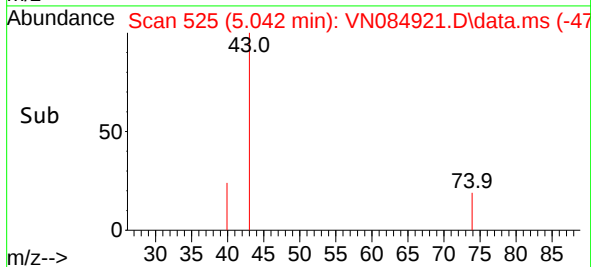
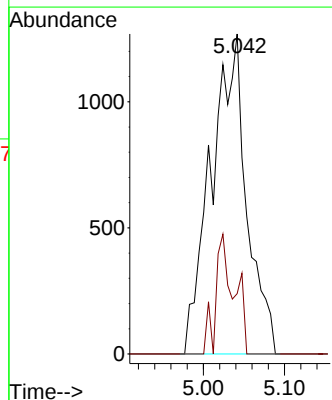
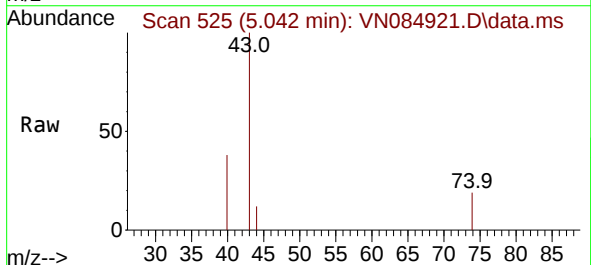
Instrument :
MSVOA_N
ClientSampleId :

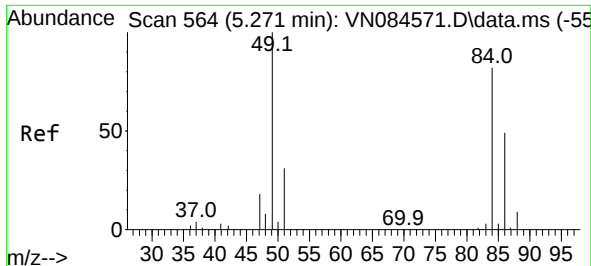
Tgt Ion: 76 Resp: 1999
Ion Ratio Lower Upper
76 100
78 22.9 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

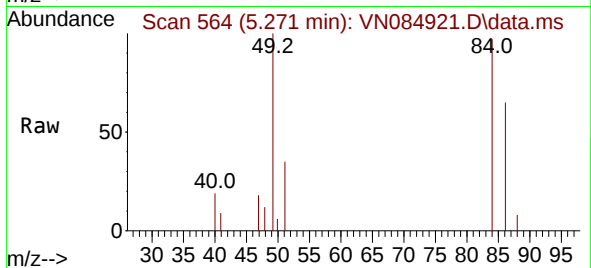
Tgt Ion: 43 Resp: 3859
Ion Ratio Lower Upper
43 100
74 19.5 19.2 28.8



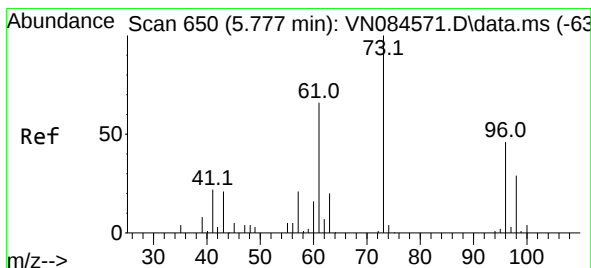
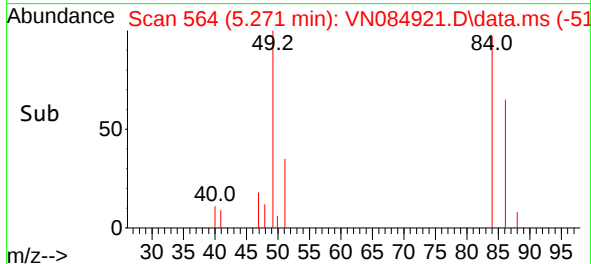
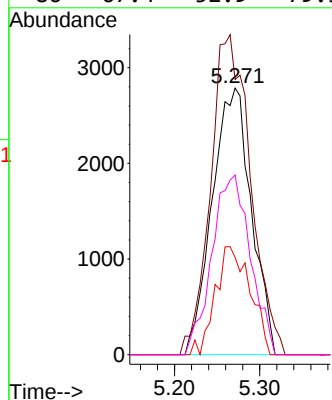


#20
Methylene Chloride
Concen: 3.846 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :

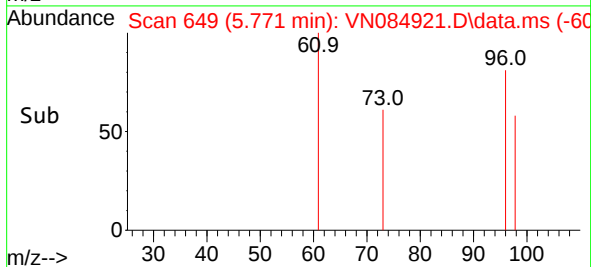
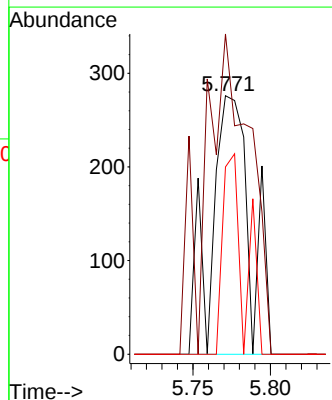
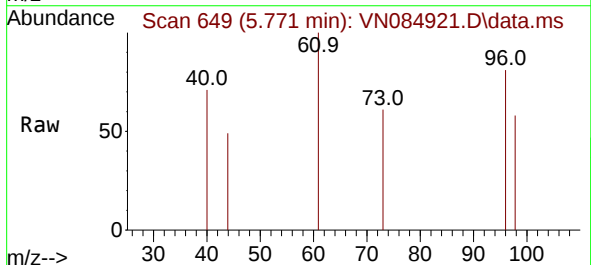


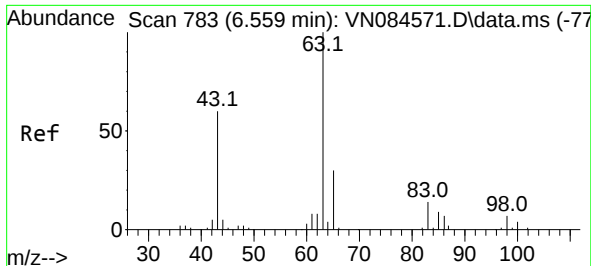
Tgt Ion: 84 Resp: 8892
Ion Ratio Lower Upper
84 100
49 103.2 107.2 160.8#
51 36.5 31.8 47.8
86 67.4 52.9 79.3



#21
trans-1,2-Dichloroethene
Concen: 0.226 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
61 123.9 108.4 162.6
98 72.5 49.8 74.8

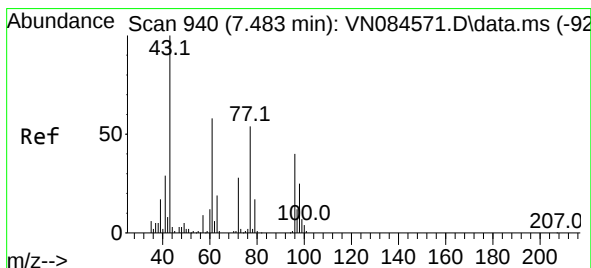
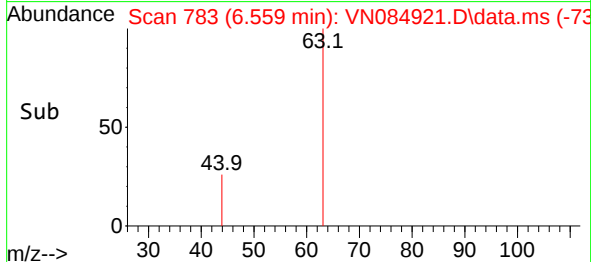
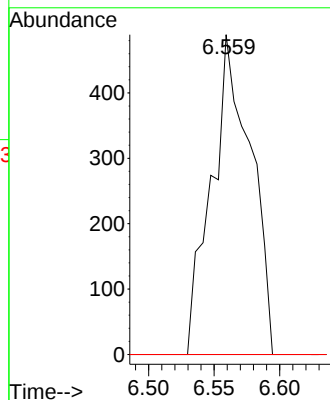
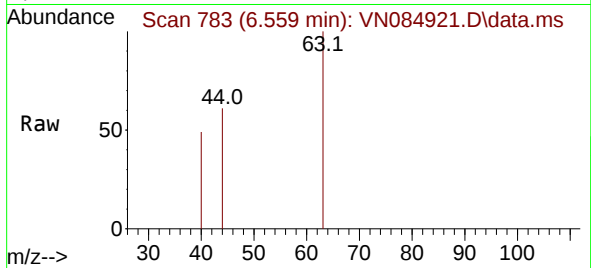




#24
1,1-Dichloroethane
Concen: 0.253 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.012 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

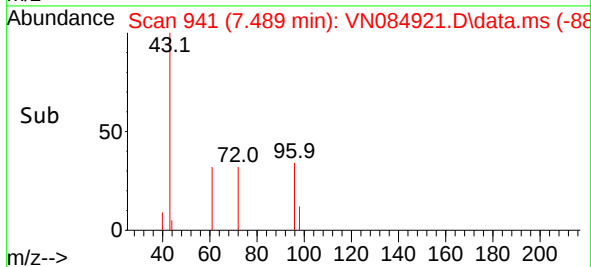
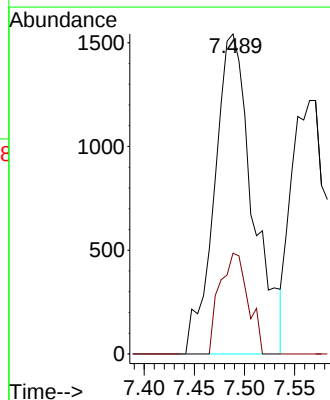
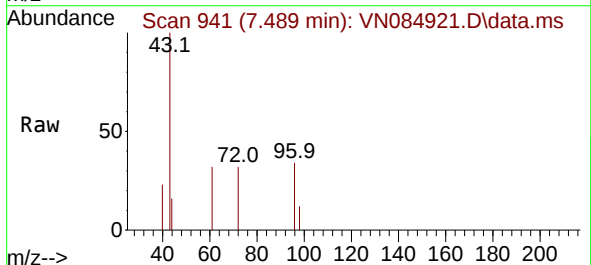
Instrument :
MSVOA_N
ClientSampleId :

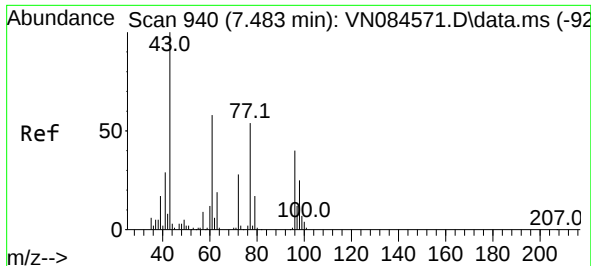
Tgt Ion: 63 Resp: 1015
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 3.348 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

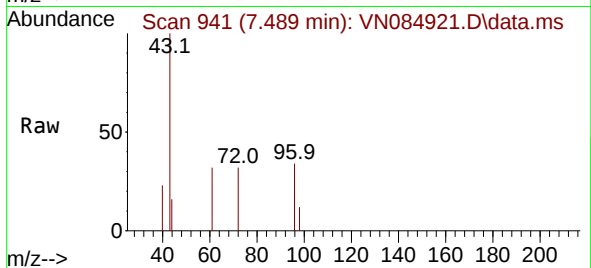
Tgt Ion: 43 Resp: 4107
Ion Ratio Lower Upper
43 100
72 31.5 21.4 32.2





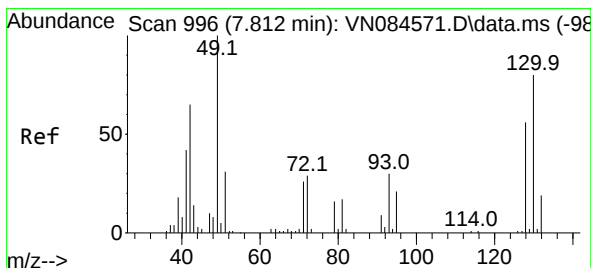
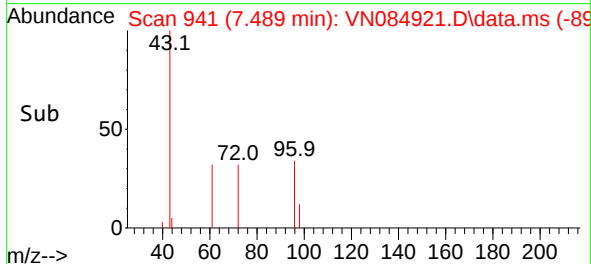
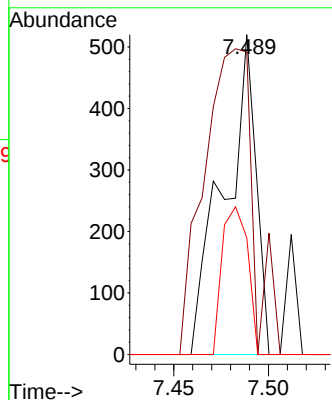
#27
 cis-1,2-Dichloroethene
 Concen: 0.245 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 96 Resp: 608

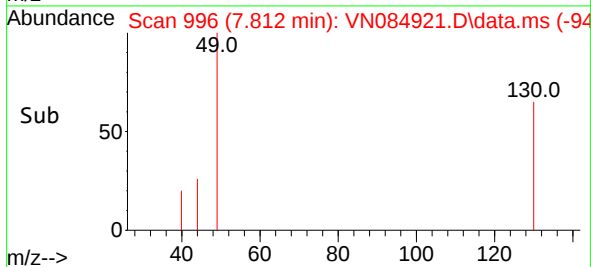
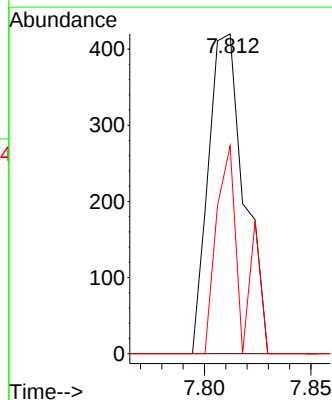
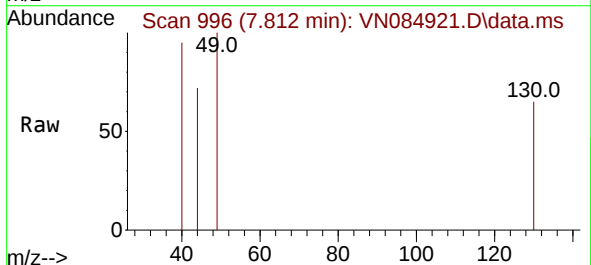
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	301.8
98	37.2	0.0	128.2

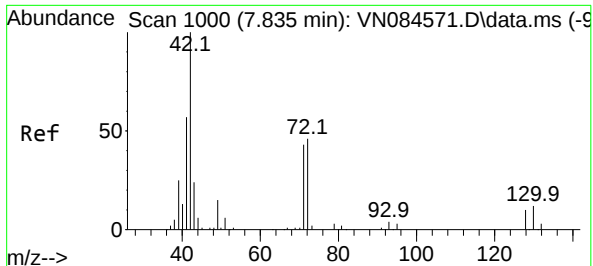


#28
 Bromochloromethane
 Concen: 0.307 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

Tgt Ion: 49 Resp: 490

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	46.1	58.0	87.0





#29

Tetrahydrofuran

Concen: 0.535 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

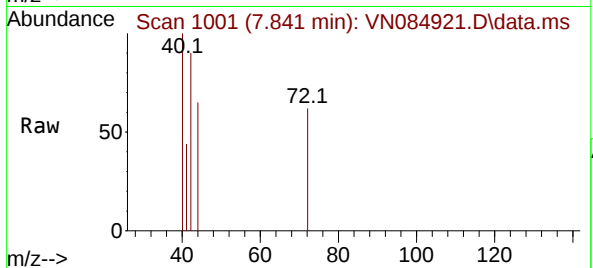
Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

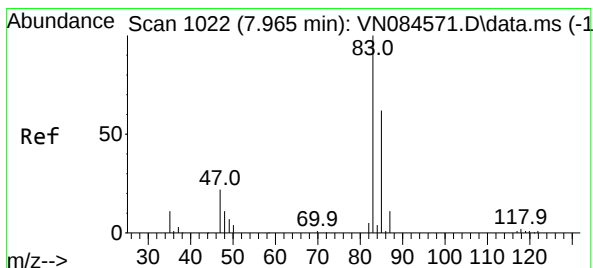
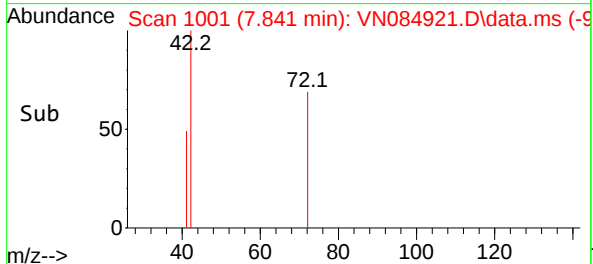
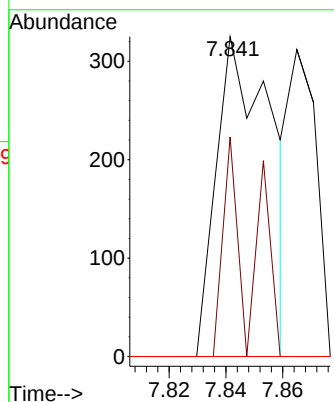
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	435
Ion	Ratio	Lower	Upper
42	100		
72	34.3	34.6	51.8#
71	0.0	32.2	48.4#



#30

Chloroform

Concen: 0.289 ug/l

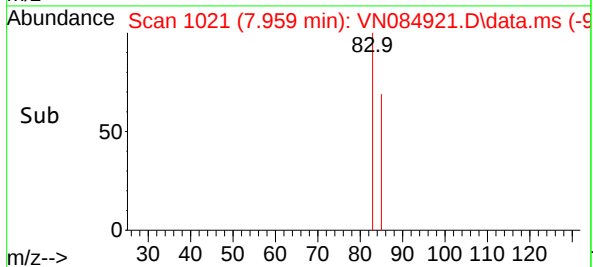
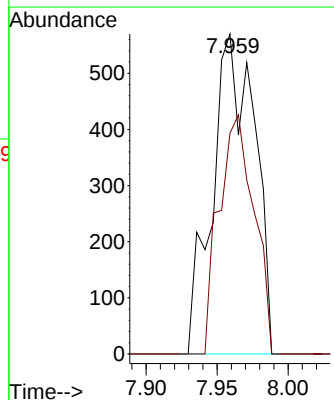
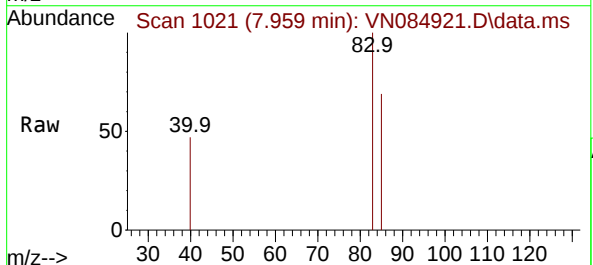
RT: 7.959 min Scan# 1021

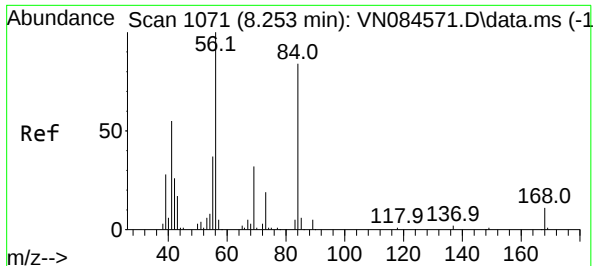
Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Tgt Ion:	83	Resp:	1181
Ion	Ratio	Lower	Upper
83	100		
85	68.9	51.0	76.4





#31

Cyclohexane

Concen: 1.355 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

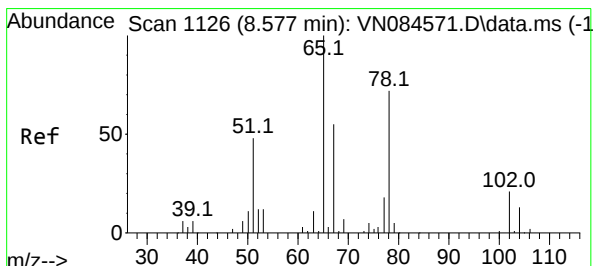
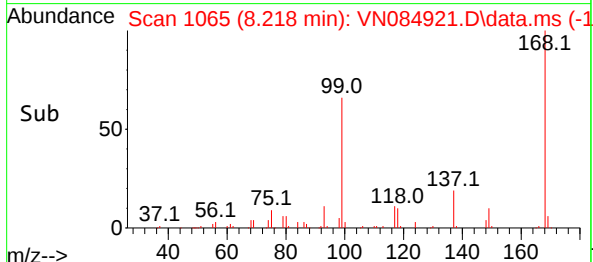
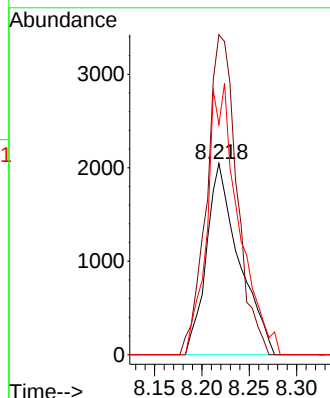
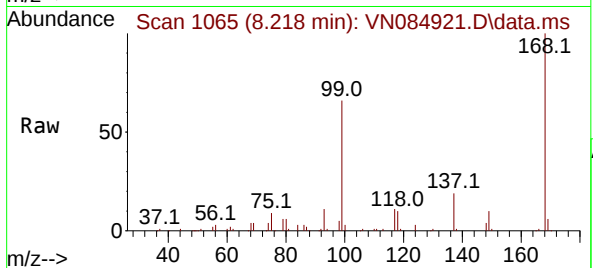
Tgt Ion: 56 Resp: 4918

Ion Ratio Lower Upper

56 100

69 167.4 23.8 35.6#

84 120.4 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 50.503 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN084921.D

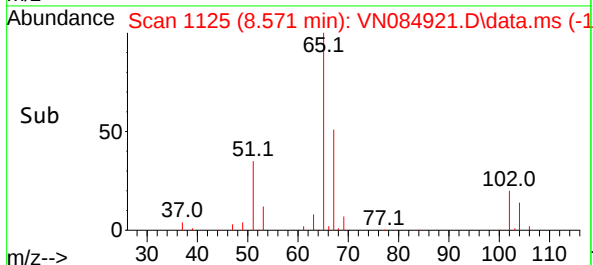
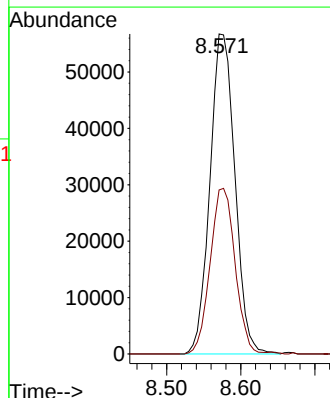
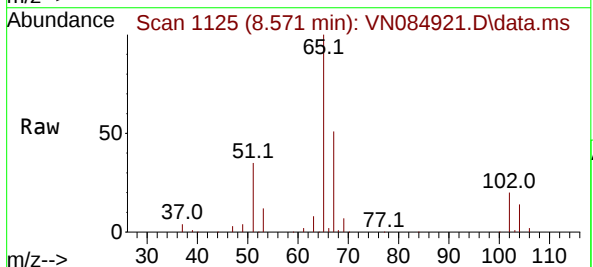
Acq: 18 Nov 2024 15:40

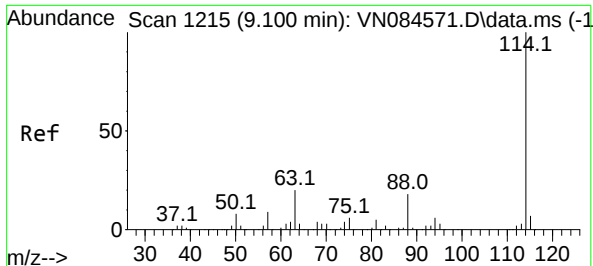
Tgt Ion: 65 Resp: 132775

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.0

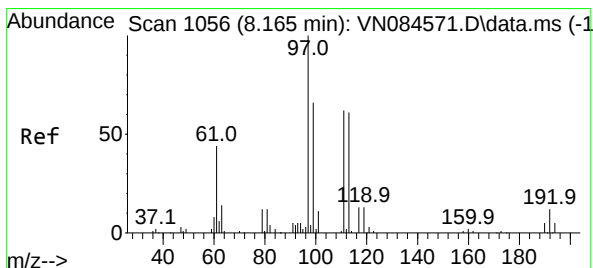
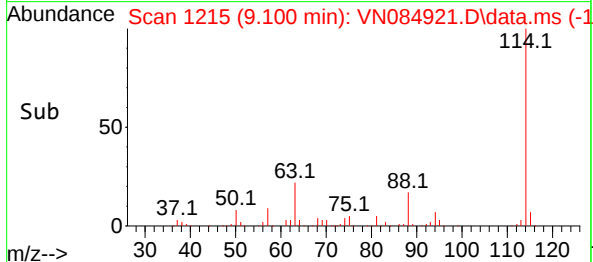
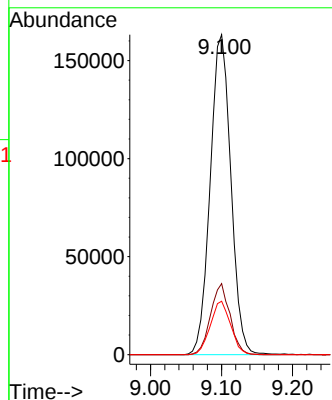
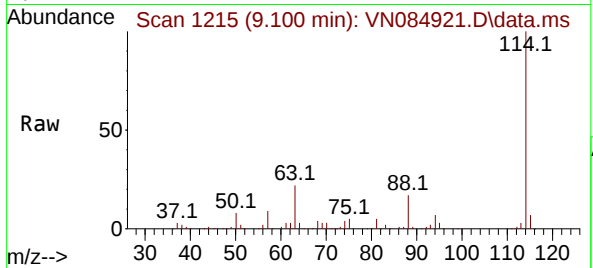




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

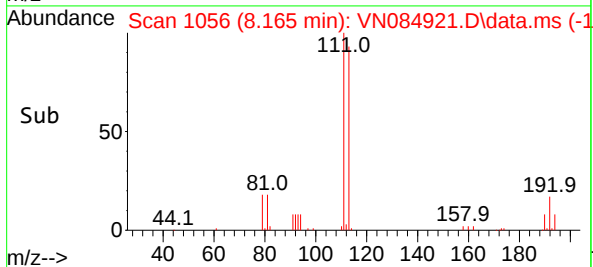
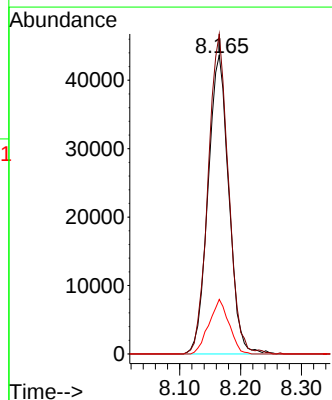
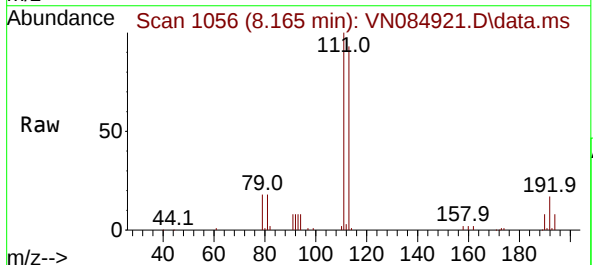
Instrument :
MSVOA_N
ClientSampleId :

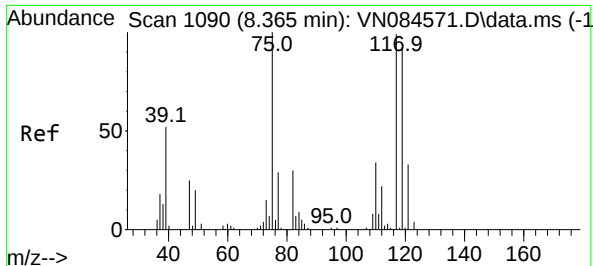
Tgt Ion:114 Resp: 329386
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.8
88 16.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 46.467 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion:113 Resp: 103600
Ion Ratio Lower Upper
113 100
111 104.9 83.3 124.9
192 17.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.929 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

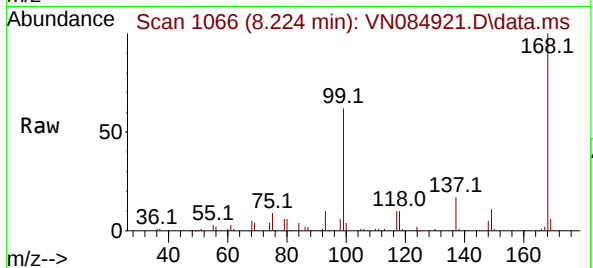
Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :



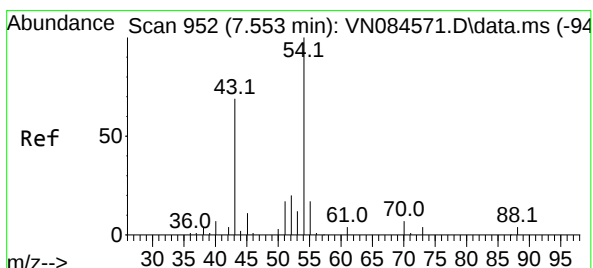
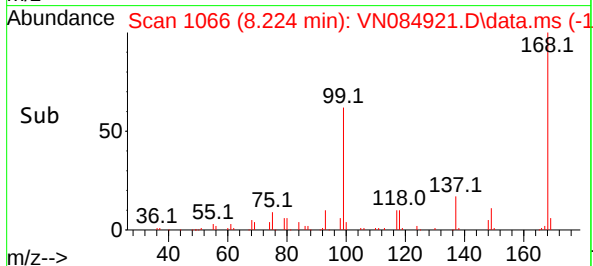
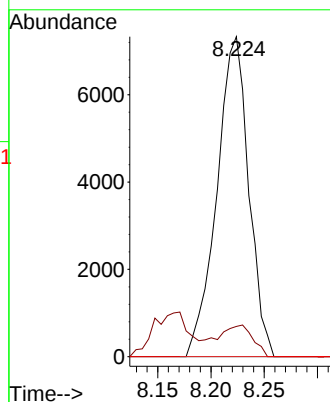
Tgt Ion: 75 Resp: 15241

Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.059 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

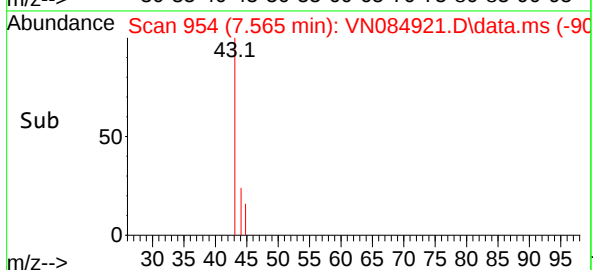
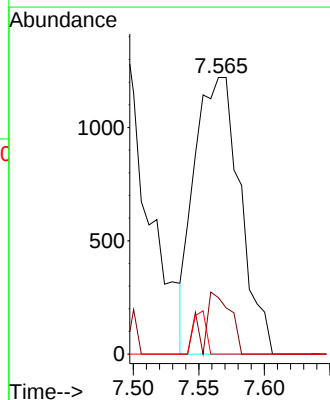
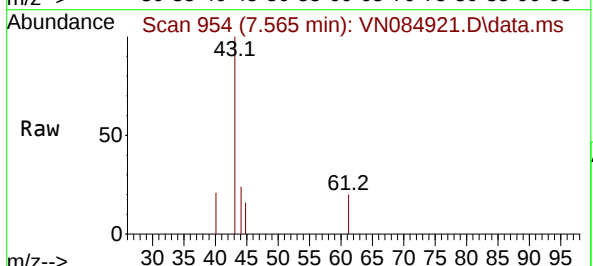
Tgt Ion: 43 Resp: 2970

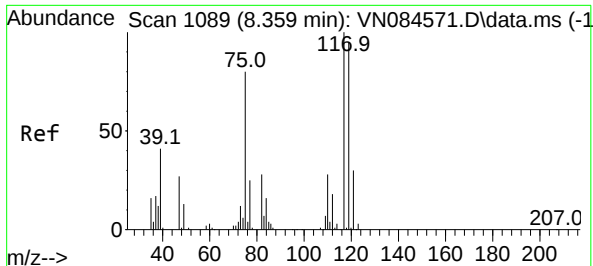
Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

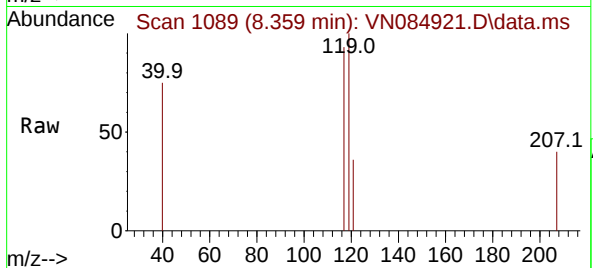
70 4.3 8.8 13.2#



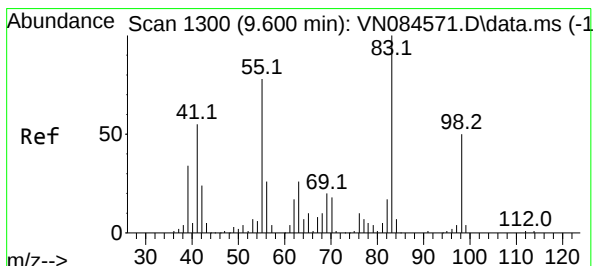
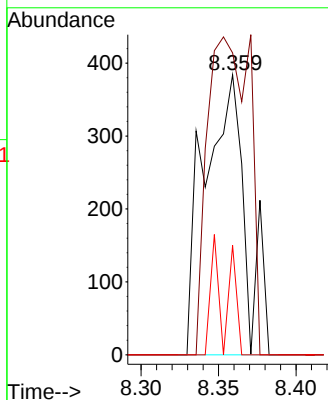
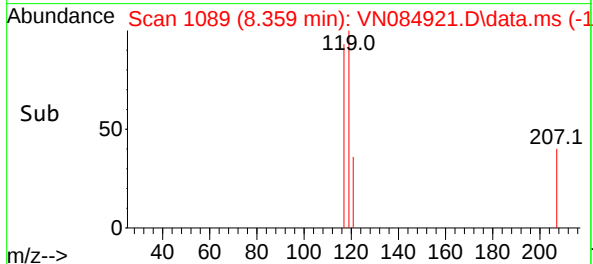


#38
Carbon Tetrachloride
Concen: 0.203 ug/l
RT: 8.359 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :

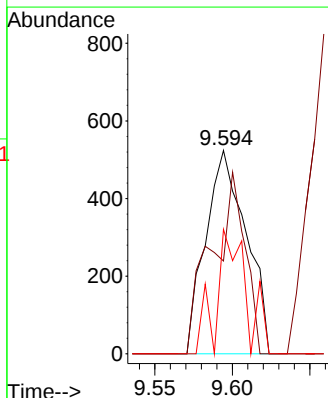
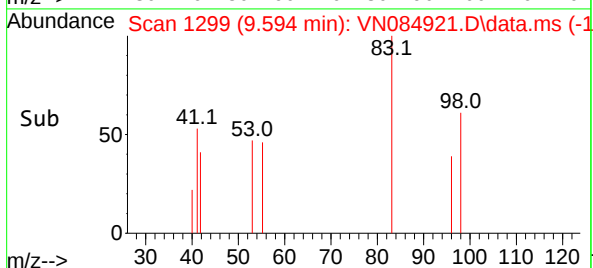
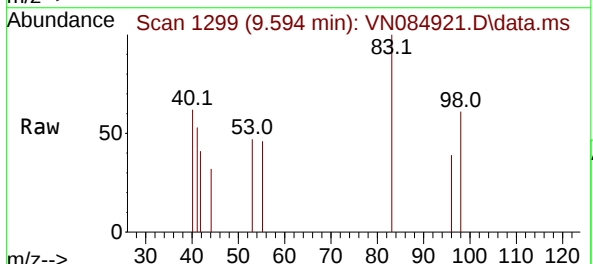


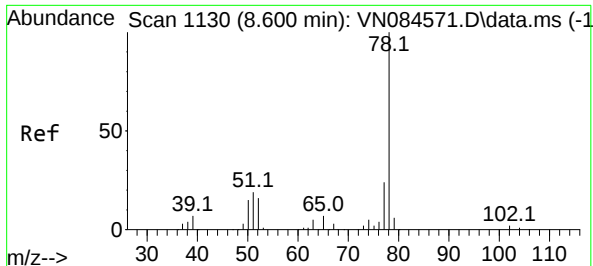
Tgt Ion:117 Resp: 700
Ion Ratio Lower Upper
117 100
119 107.8 78.7 118.1
121 39.1 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.303 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 83 Resp: 953
Ion Ratio Lower Upper
83 100
55 45.6 62.8 94.2#
98 61.3 38.8 58.2#





#40

Benzene

Concen: 0.320 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

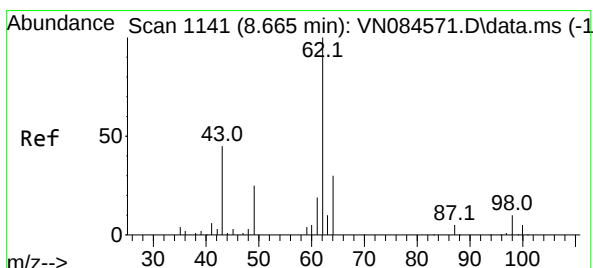
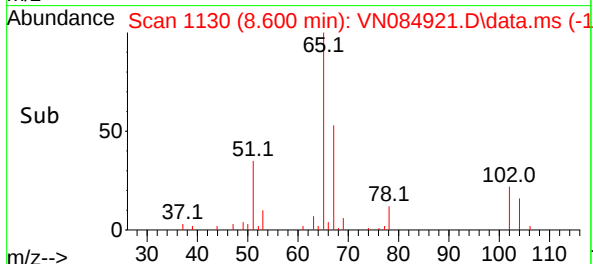
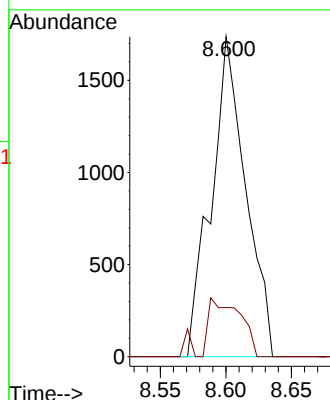
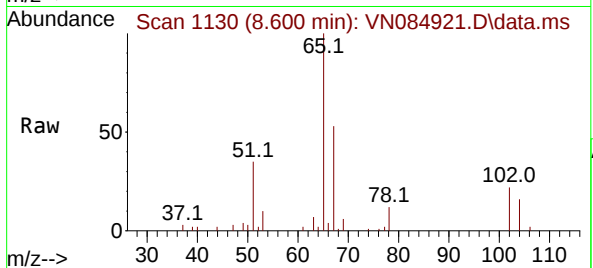
ClientSampleId :

Tgt Ion: 78 Resp: 3177

Ion Ratio Lower Upper

78 100

77 15.4 19.1 28.7#



#42

1,2-Dichloroethane

Concen: 0.535 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN084921.D

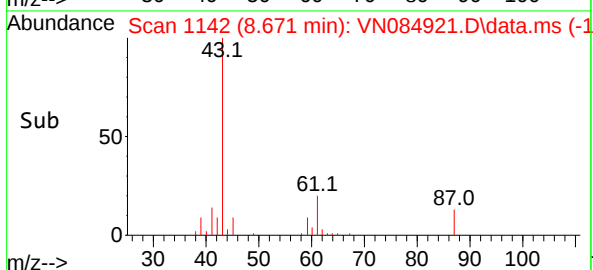
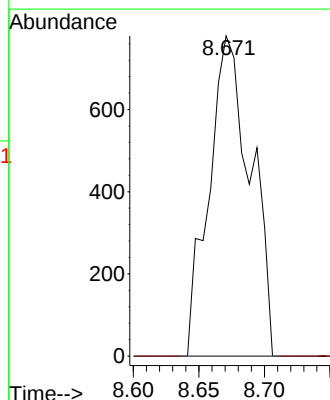
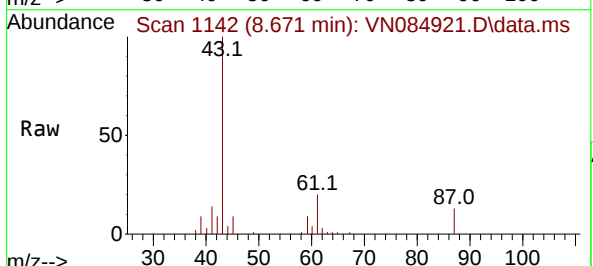
Acq: 18 Nov 2024 15:40

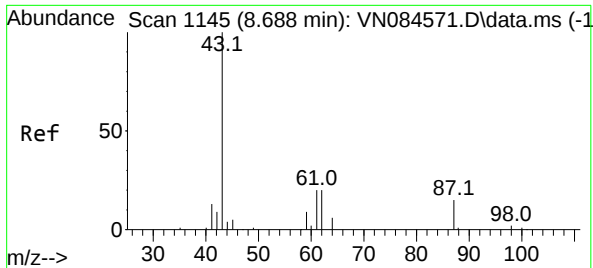
Tgt Ion: 62 Resp: 1721

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2

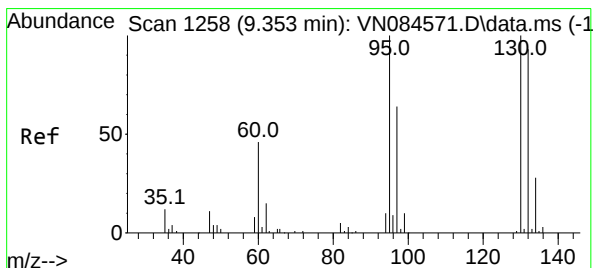
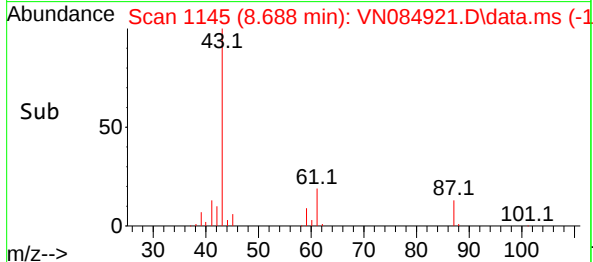
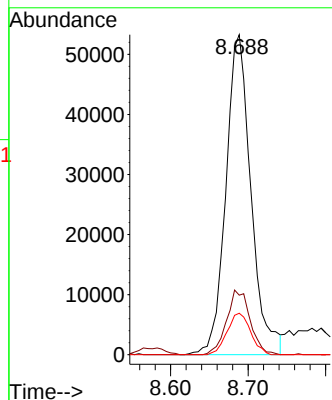
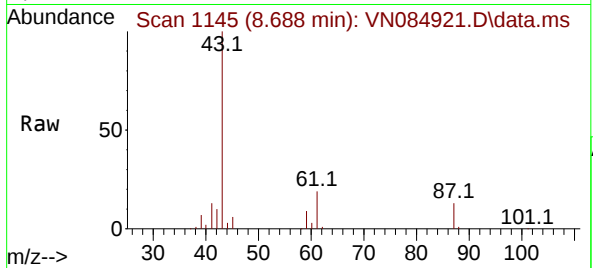




#43
Isopropyl Acetate
Concen: 22.673 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

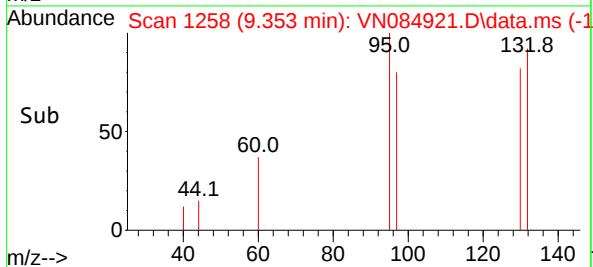
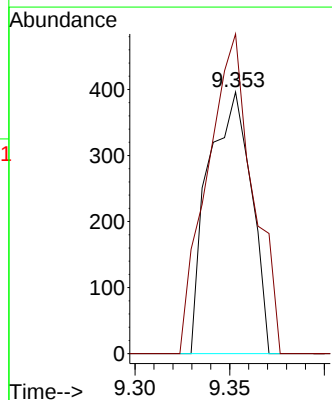
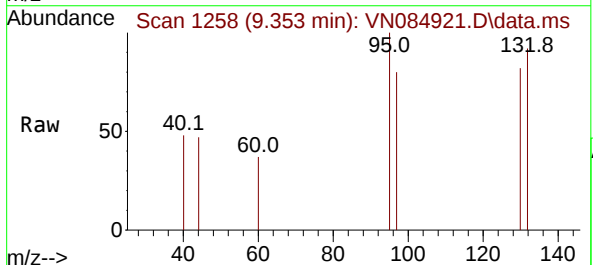
Instrument :
MSVOA_N
ClientSampleId :

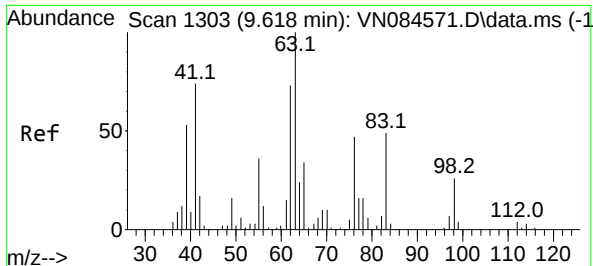
Tgt Ion: 43 Resp: 120247
Ion Ratio Lower Upper
43 100
61 18.9 20.4 30.6#
87 12.1 10.3 15.5



#44
Trichloroethene
Concen: 0.273 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion:130 Resp: 626
Ion Ratio Lower Upper
130 100
95 122.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 0.319 ug/l

RT: 9.612 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

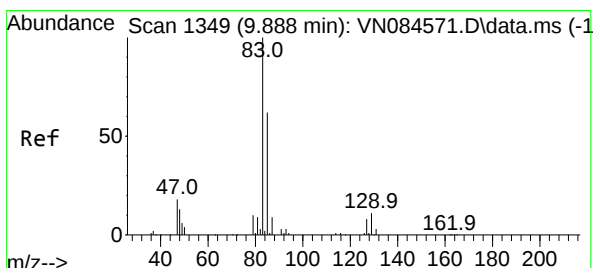
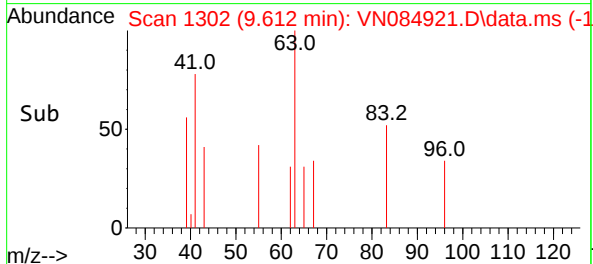
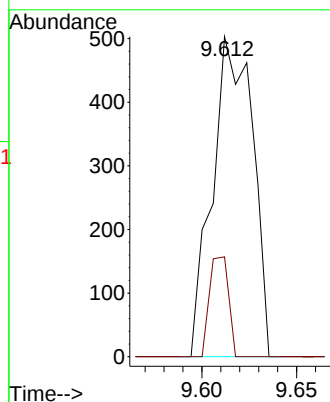
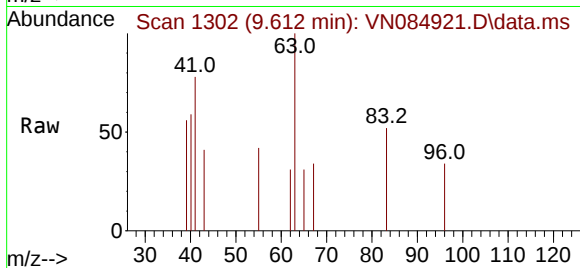
ClientSampleId :

Tgt Ion: 63 Resp: 743

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#47

Bromodichloromethane

Concen: 0.337 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

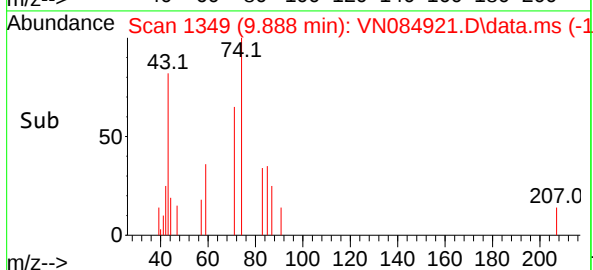
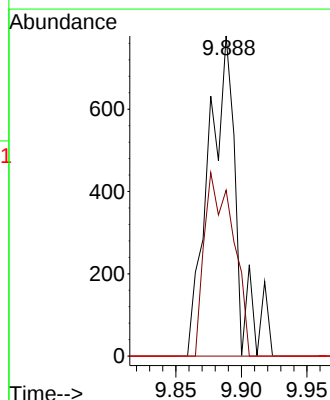
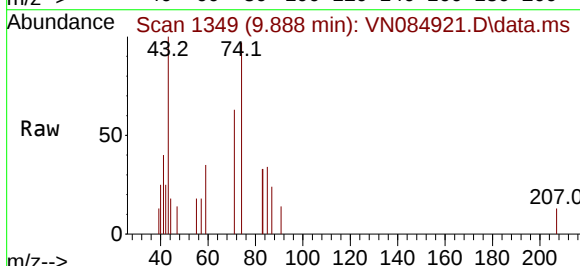
Tgt Ion: 83 Resp: 1169

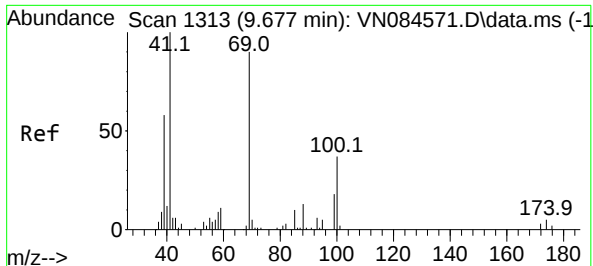
Ion Ratio Lower Upper

83 100

85 51.8 51.5 77.3

127 0.0 5.7 8.5#





#48

Methyl methacrylate

Concen: 40.264 ug/l

RT: 9.741 min Scan# 1

Delta R.T. 0.065 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

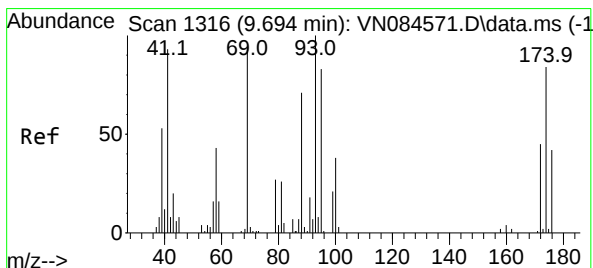
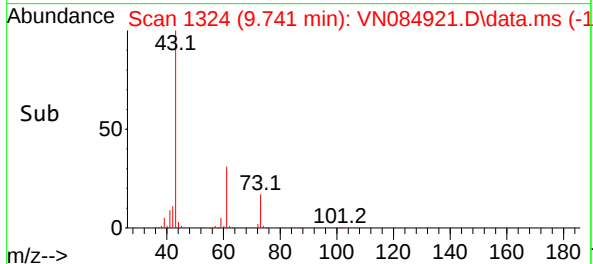
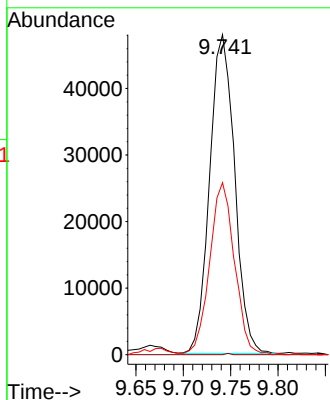
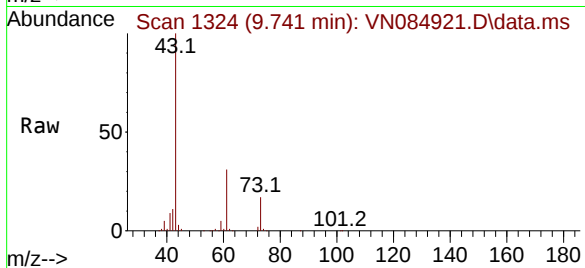
Tgt Ion: 41 Resp: 87912

Ion Ratio Lower Upper

41 100

69 0.1 67.1 100.7#

39 53.7 45.8 68.6



#49

1,4-Dioxane

Concen: 1.422 ug/l

RT: 9.735 min Scan# 1323

Delta R.T. 0.041 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

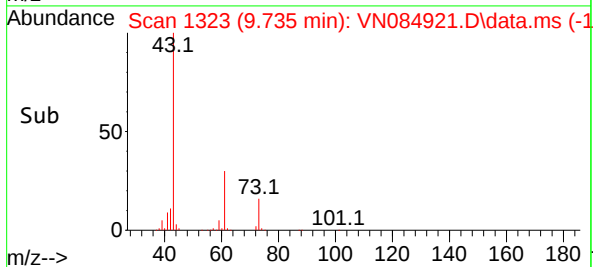
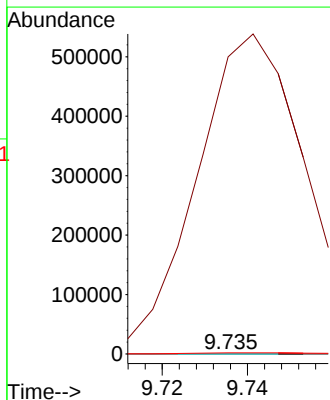
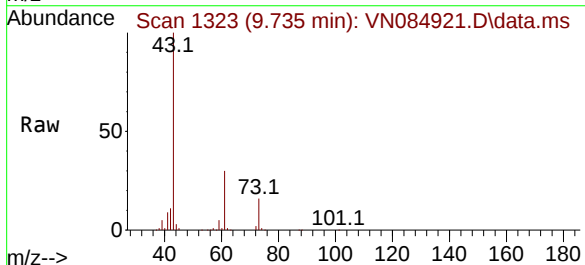
Tgt Ion: 88 Resp: 55

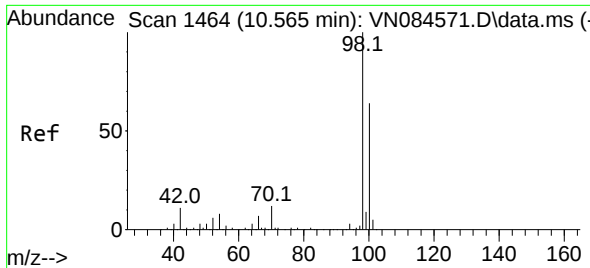
Ion Ratio Lower Upper

88 100

43 1778669.1 25.3 37.9#

58 7389.1 56.4 84.6#

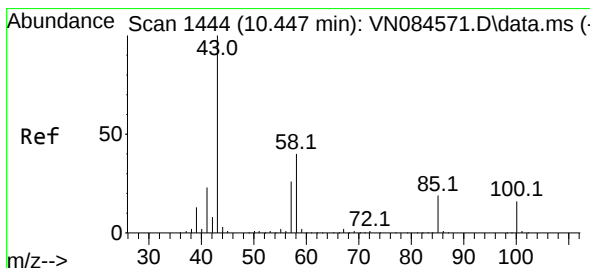
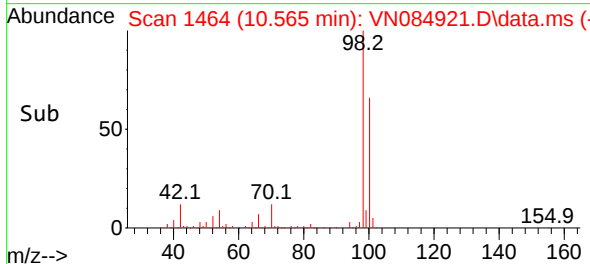
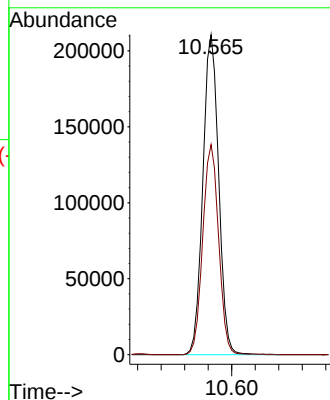
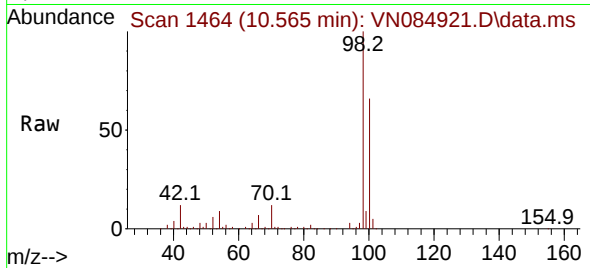




#50
Toluene-d8
Concen: 47.698 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

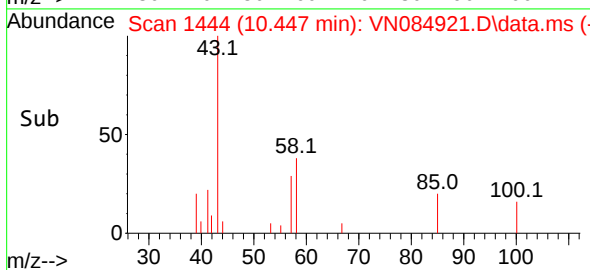
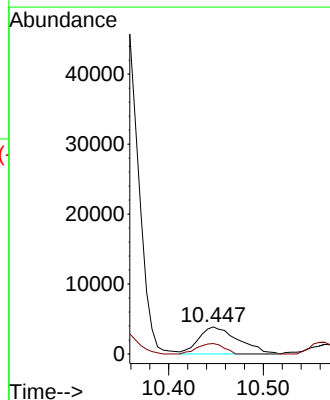
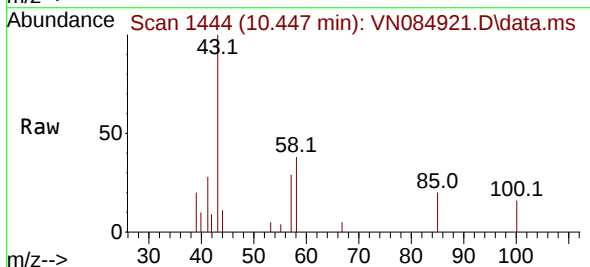
Instrument :
MSVOA_N
ClientSampleId :

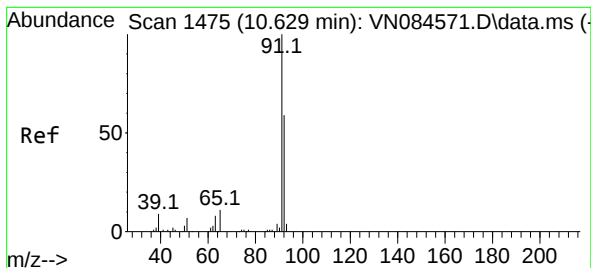
Tgt Ion: 98 Resp: 391741
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 4.184 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 43 Resp: 11190
Ion Ratio Lower Upper
43 100
58 26.1 31.6 47.4#





#52

Toluene

Concen: 0.375 ug/l

RT: 10.618 min Scan# 1475

Delta R.T. -0.012 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

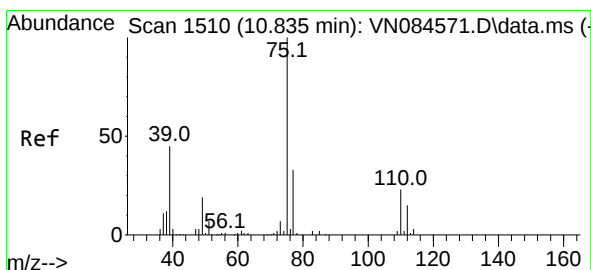
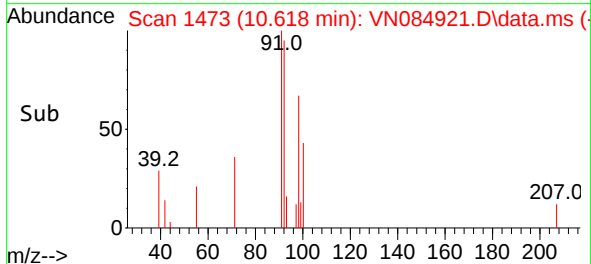
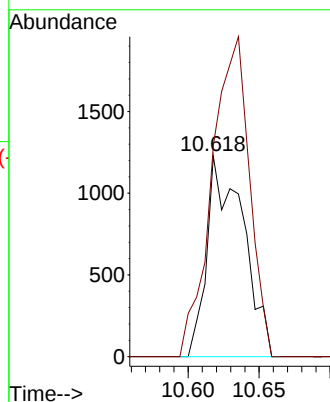
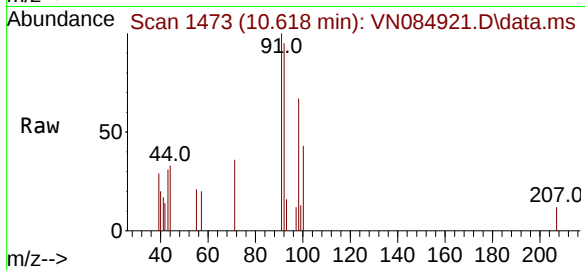
ClientSampleId :

Tgt Ion: 92 Resp: 2175

Ion Ratio Lower Upper

92 100

91 165.2 137.3 205.9



#53

t-1,3-Dichloropropene

Concen: 0.299 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084921.D

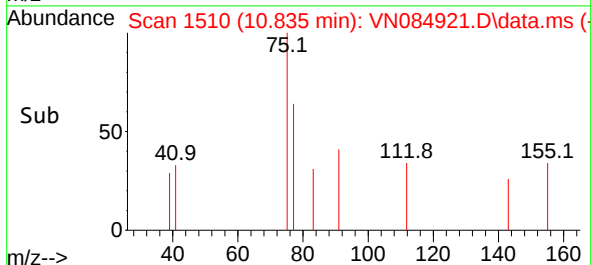
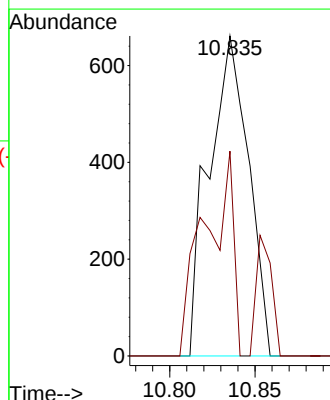
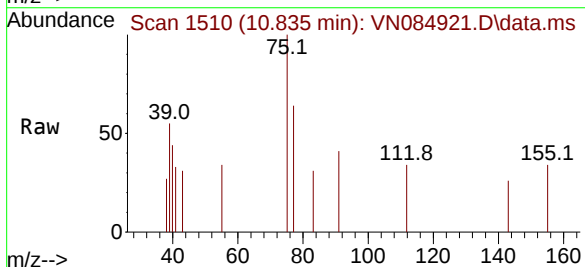
Acq: 18 Nov 2024 15:40

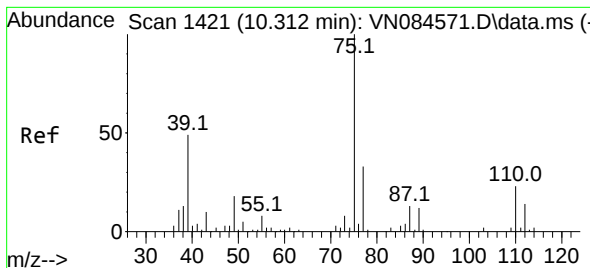
Tgt Ion: 75 Resp: 1071

Ion Ratio Lower Upper

75 100

77 64.0 25.4 38.0#

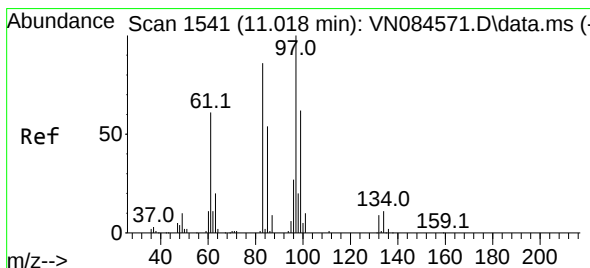
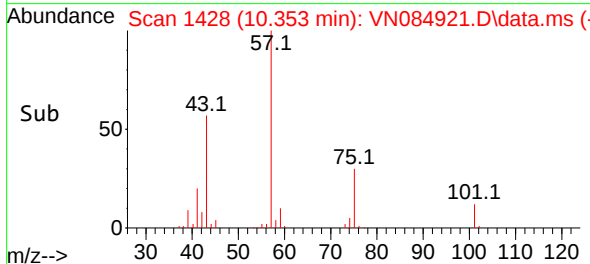
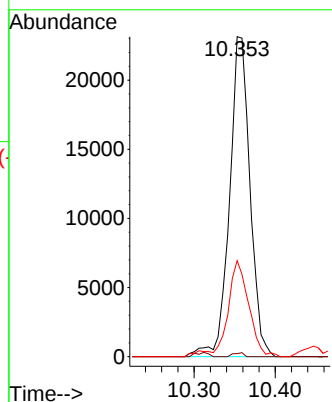
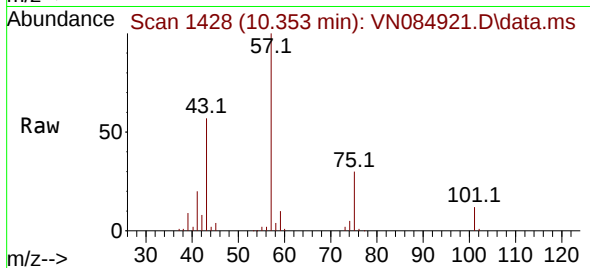




#54
 cis-1,3-Dichloropropene
 Concen: 10.683 ug/l
 RT: 10.353 min Scan# 1428
 Delta R.T. 0.041 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

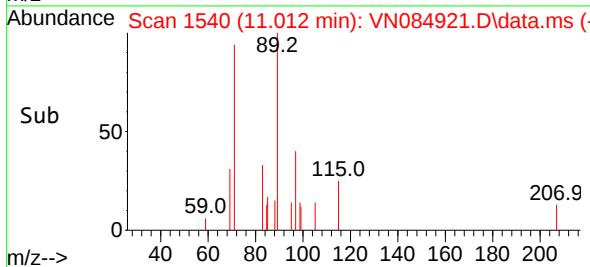
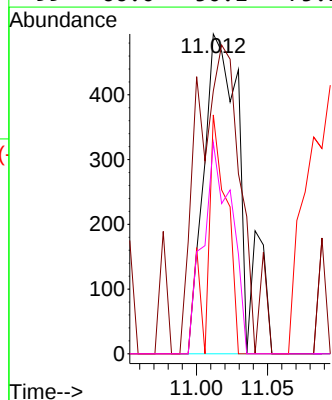
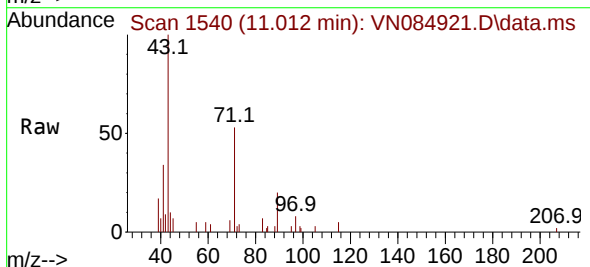
Instrument :
 MSVOA_N
 ClientSampleId :

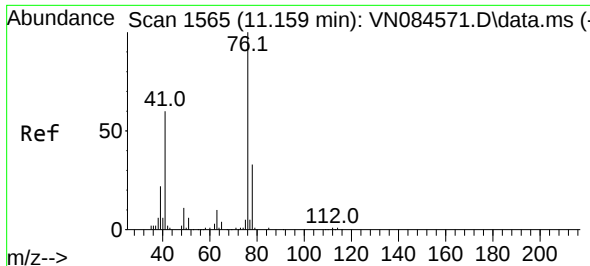
Tgt Ion: 75 Resp: 40552
 Ion Ratio Lower Upper
 75 100
 77 1.0 24.2 36.2#
 39 30.0 38.7 58.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.420 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

Tgt Ion: 97 Resp: 918
 Ion Ratio Lower Upper
 97 100
 83 82.2 71.0 106.4
 85 74.7 41.7 62.5#
 99 66.0 50.1 75.1





#57

1,3-Dichloropropane

Concen: 1.411 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.041 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

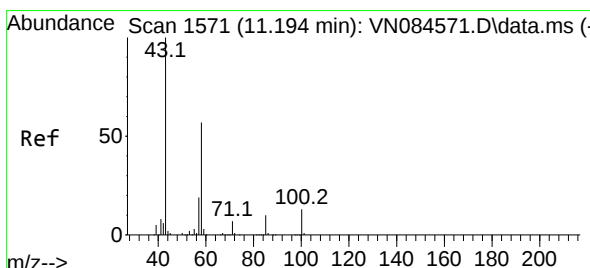
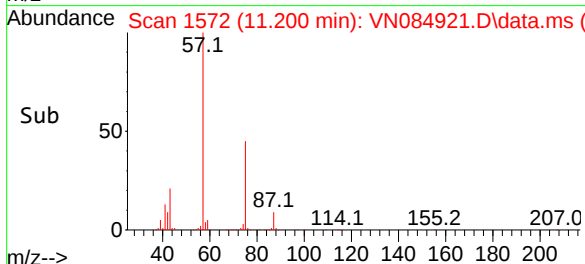
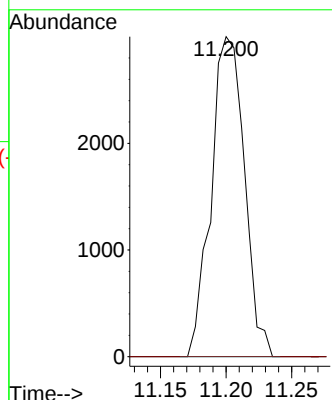
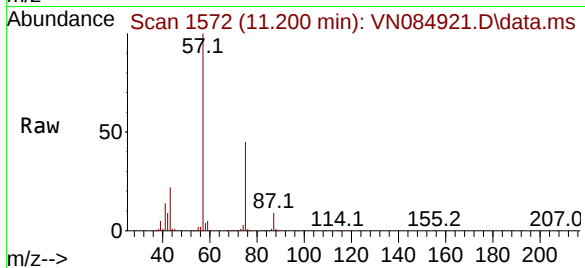
ClientSampleId :

Tgt Ion: 76 Resp: 5299

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 30.552 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN084921.D

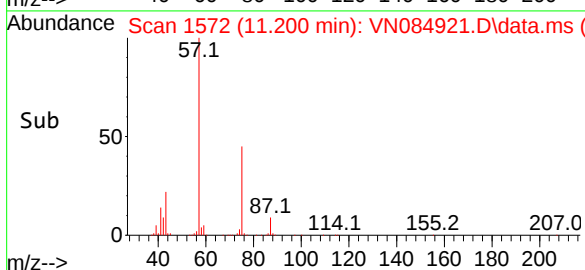
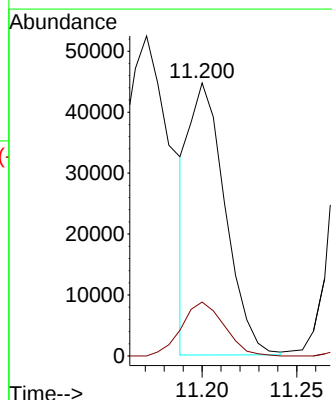
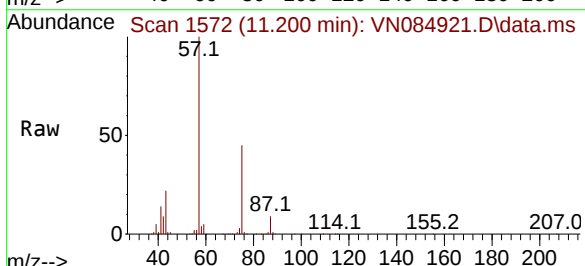
Acq: 18 Nov 2024 15:40

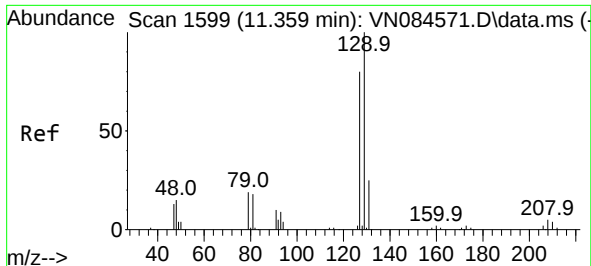
Tgt Ion: 43 Resp: 59475

Ion Ratio Lower Upper

43 100

58 23.4 27.3 81.8#

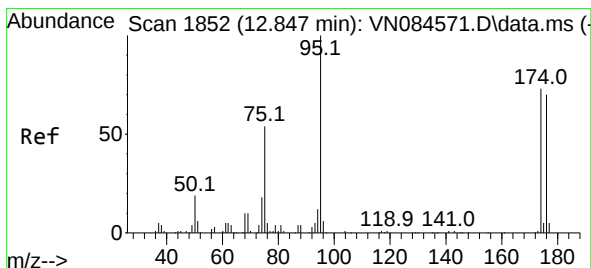
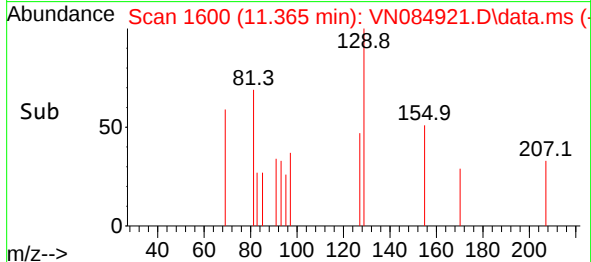
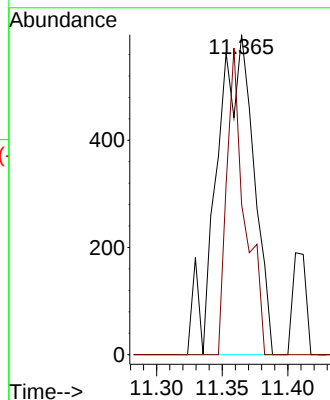
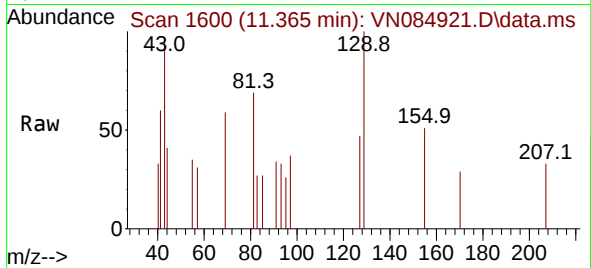




#60
Dibromochloromethane
Concen: 0.469 ug/l
RT: 11.365 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

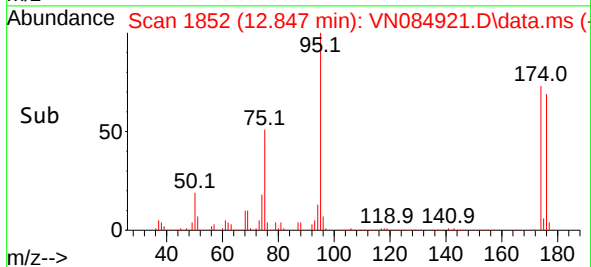
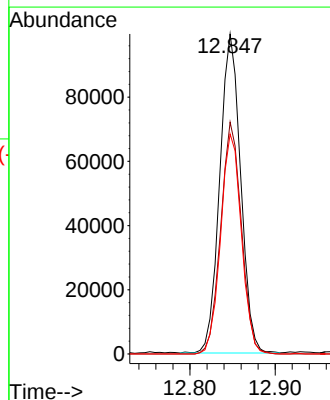
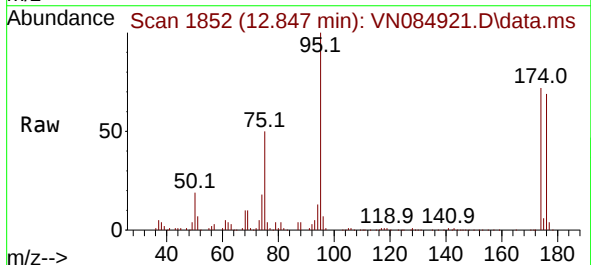
Instrument :
MSVOA_N
ClientSampleId :

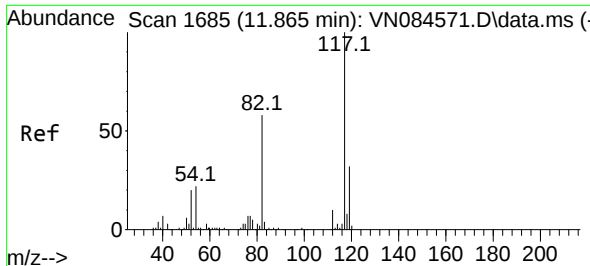
Tgt Ion:129 Resp: 1170
Ion Ratio Lower Upper
129 100
127 47.3 38.3 114.9



#62
4-Bromofluorobenzene
Concen: 55.081 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 95 Resp: 169067
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 68.5 0.0 140.0

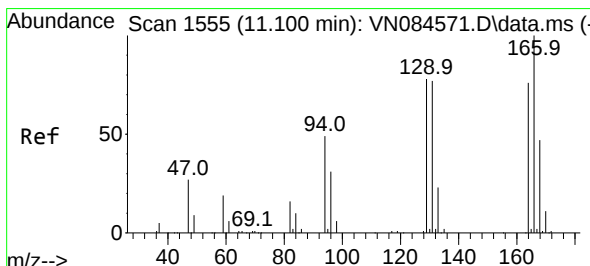
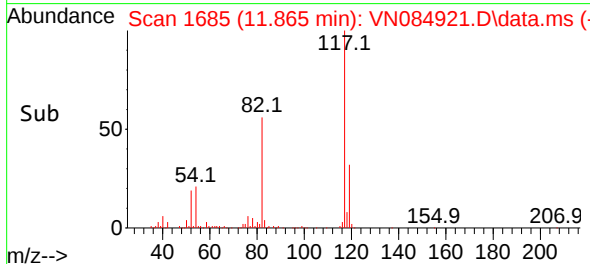
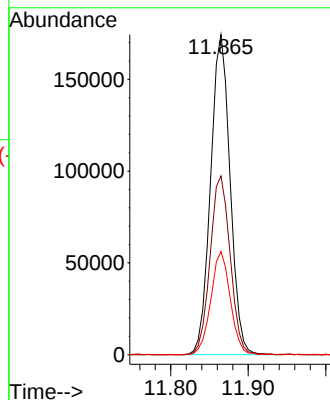
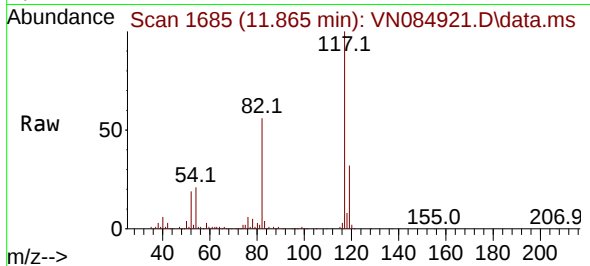




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

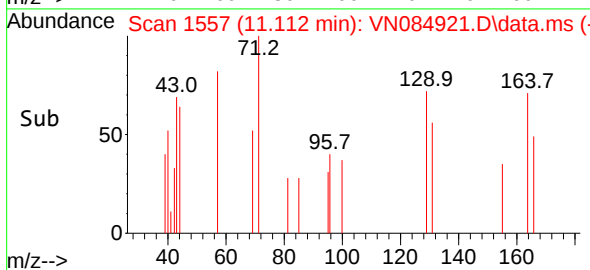
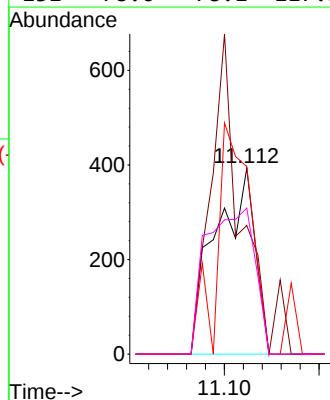
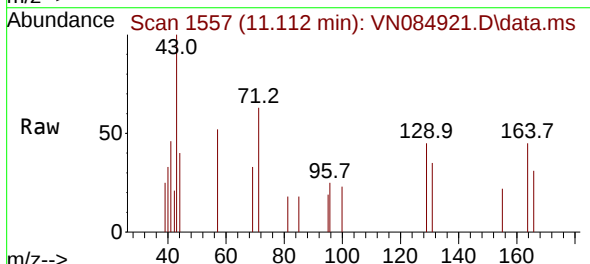
Instrument :
MSVOA_N
ClientSampleId :

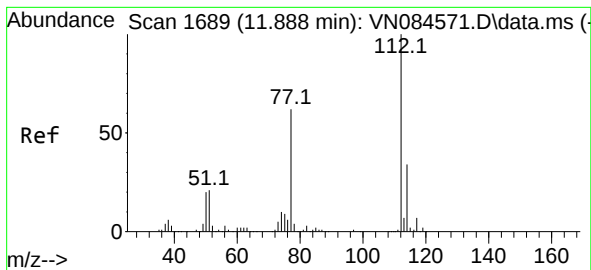
Tgt Ion:117 Resp: 304752
Ion Ratio Lower Upper
117 100
82 55.9 47.2 70.8
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.012 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion:164 Resp: 563
Ion Ratio Lower Upper
164 100
166 69.2 101.0 151.4#
129 101.0 80.8 121.2
131 78.6 78.1 117.1

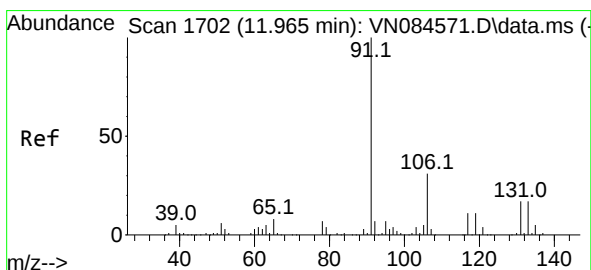
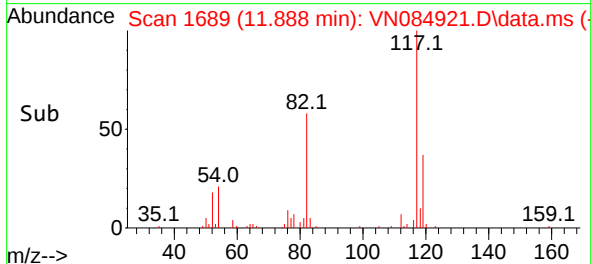
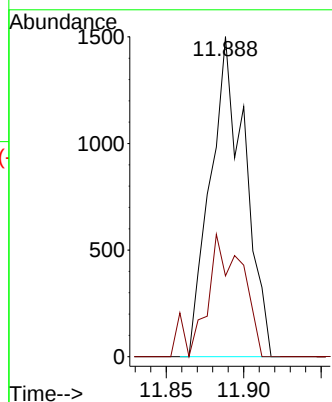
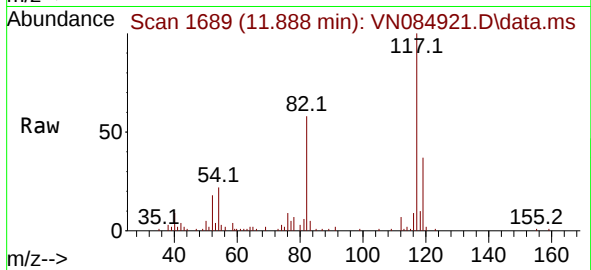




#65
Chlorobenzene
Concen: 0.340 ug/l
RT: 11.888 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

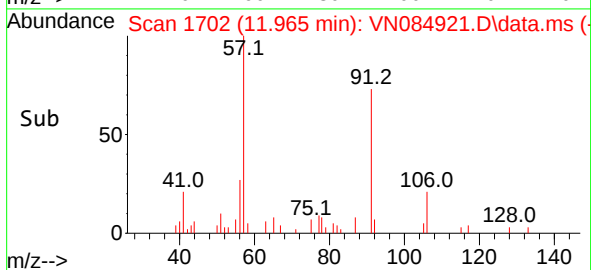
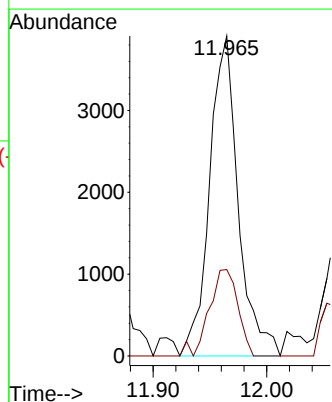
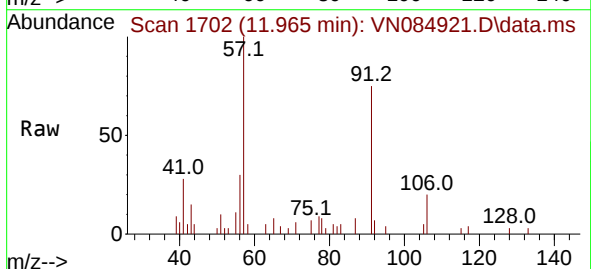
Instrument :
MSVOA_N
ClientSampleId :

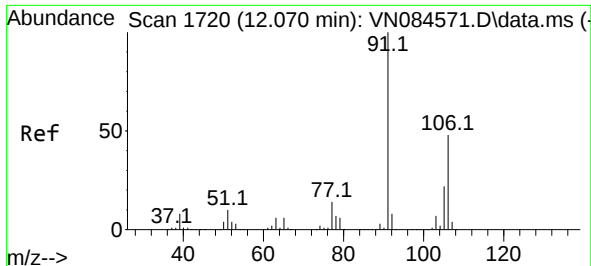
Tgt Ion:112 Resp: 2318
Ion Ratio Lower Upper
112 100
114 25.2 27.0 40.6#



#67
Ethyl Benzene
Concen: 0.603 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 91 Resp: 6866
Ion Ratio Lower Upper
91 100
106 27.0 24.5 36.7

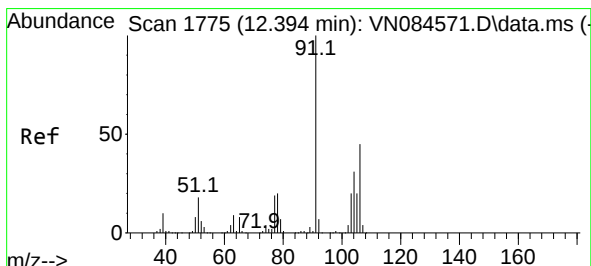
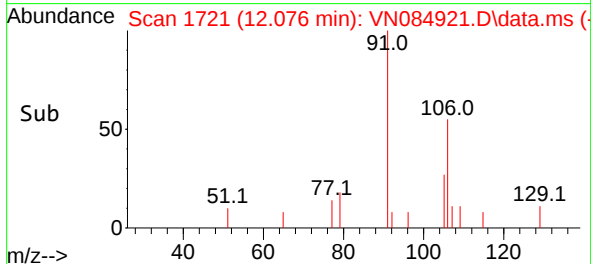
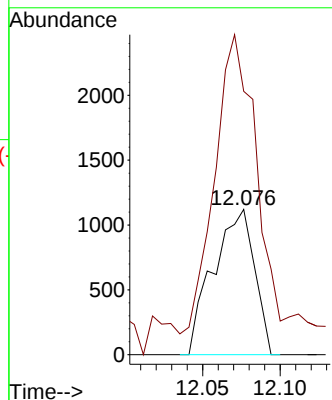
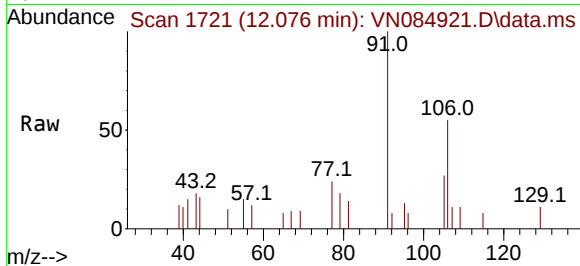




#68
m/p-Xylenes
Concen: 0.481 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

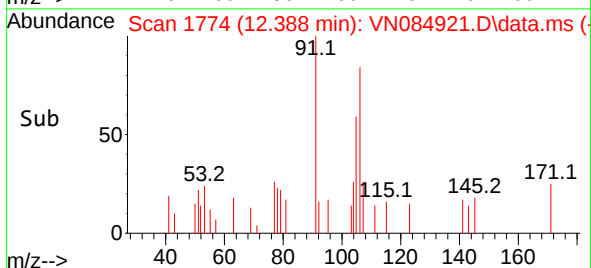
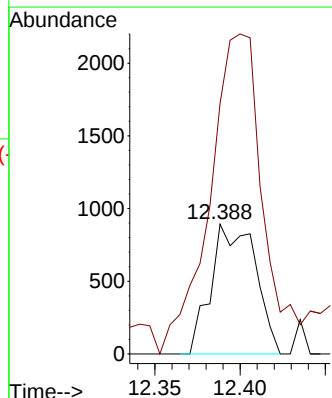
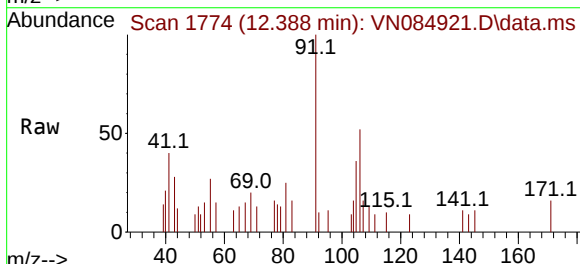
Instrument :
MSVOA_N
ClientSampleId :

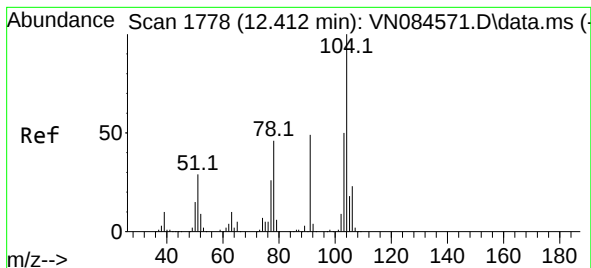
Tgt Ion:106 Resp: 2074
Ion Ratio Lower Upper
106 100
91 261.2 167.1 250.7#



#69
o-Xylene
Concen: 0.403 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion:106 Resp: 1624
Ion Ratio Lower Upper
106 100
91 292.4 110.2 330.6





#70

Styrene

Concen: 0.350 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

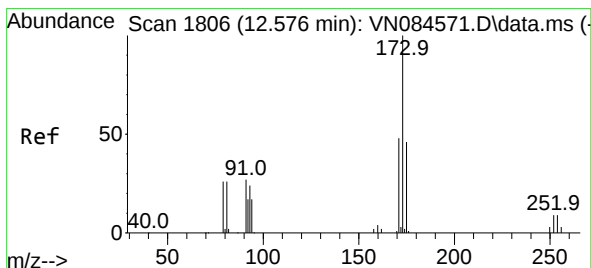
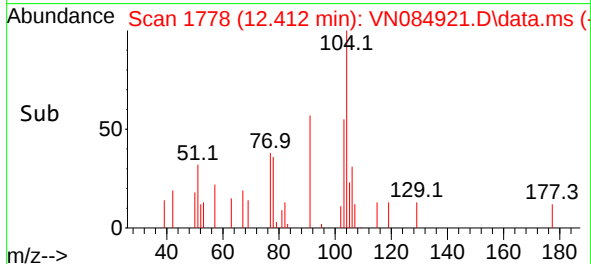
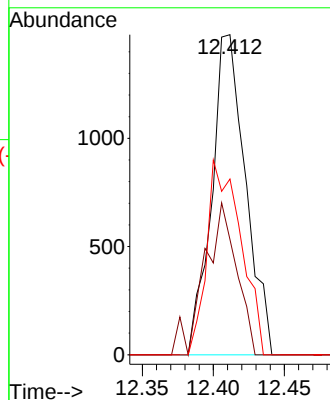
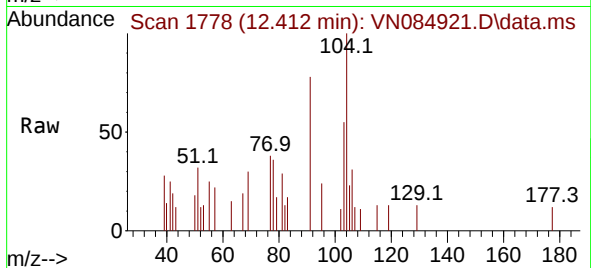
Tgt Ion:104 Resp: 2458

Ion Ratio Lower Upper

104 100

78 45.2 42.7 64.1

103 60.8 43.6 65.4



#71

Bromoform

Concen: 0.436 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

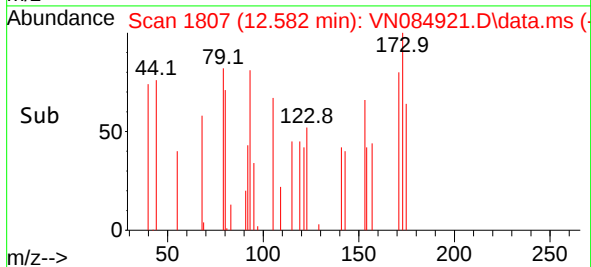
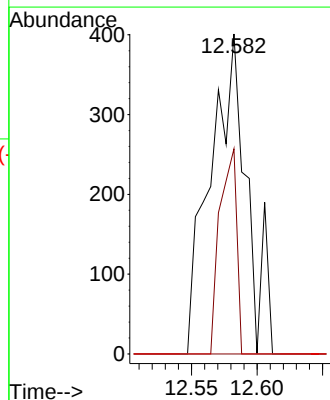
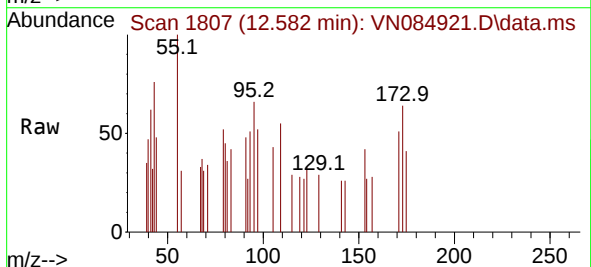
Tgt Ion:173 Resp: 778

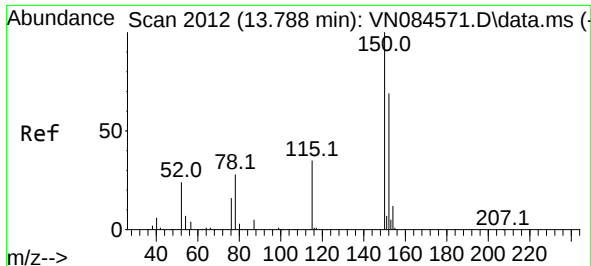
Ion Ratio Lower Upper

173 100

175 29.6 23.5 70.6

254 0.0 0.0 0.0

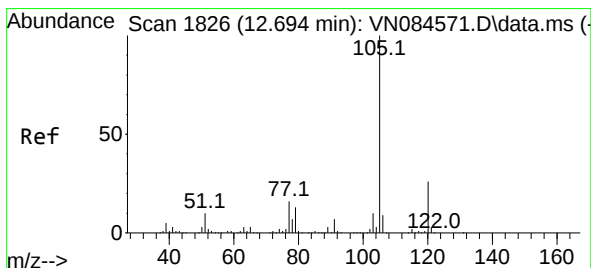
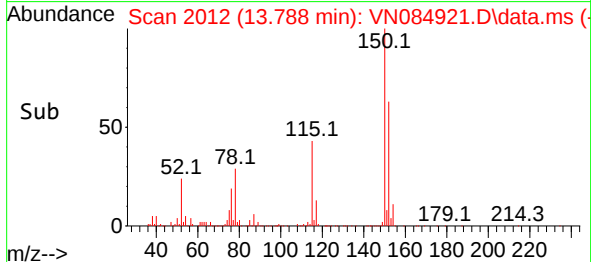
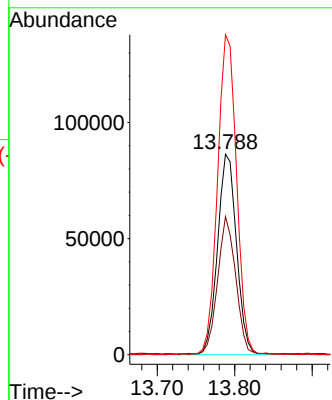
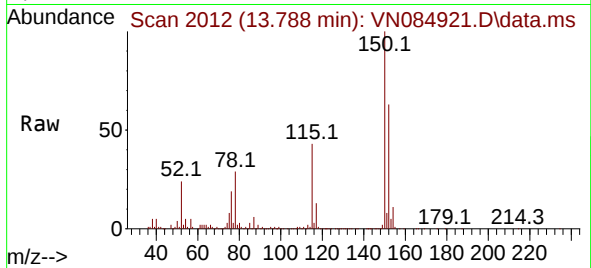




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

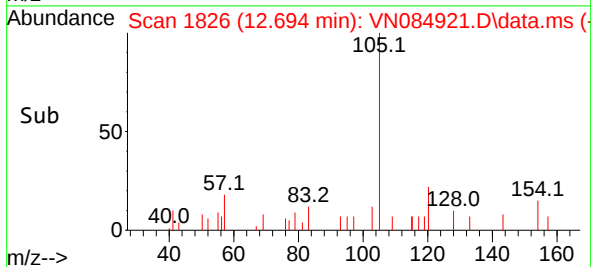
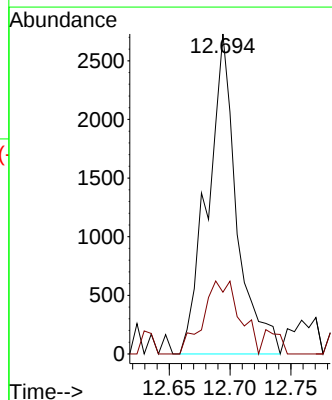
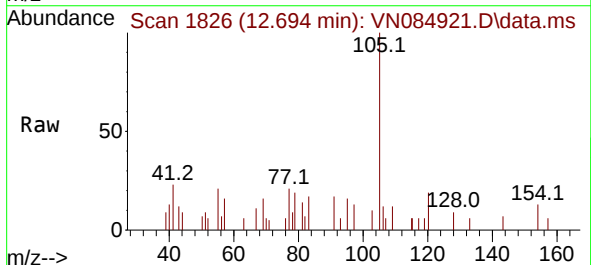
Instrument :
MSVOA_N
ClientSampleId :

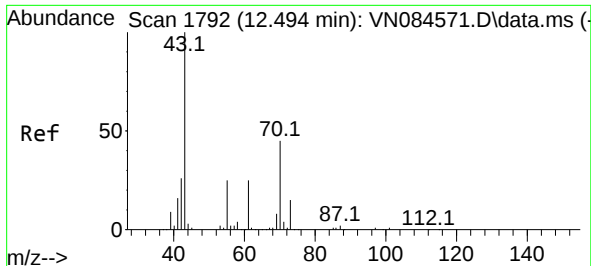
Tgt Ion:152 Resp: 147529
Ion Ratio Lower Upper
152 100
115 65.0 31.3 93.9
150 159.9 0.0 349.8



#73
Isopropylbenzene
Concen: 0.440 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

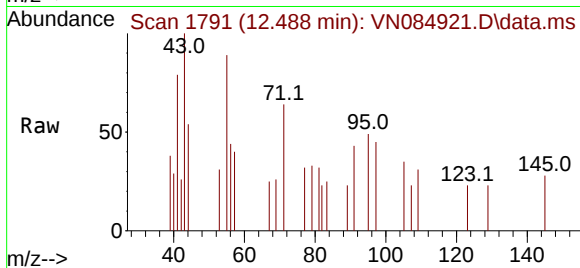
Tgt Ion:105 Resp: 4546
Ion Ratio Lower Upper
105 100
120 28.3 12.9 38.7



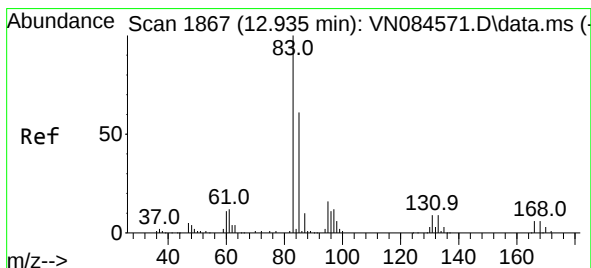
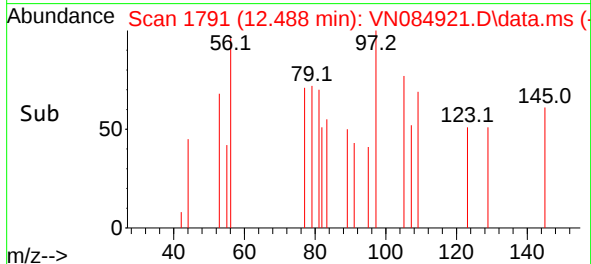
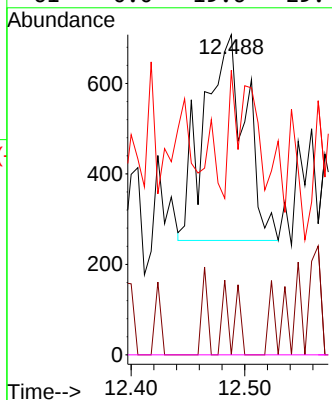


#74
N-amy1 acetate
Concen: 0.264 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :

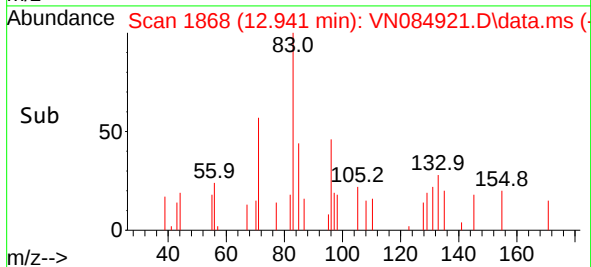
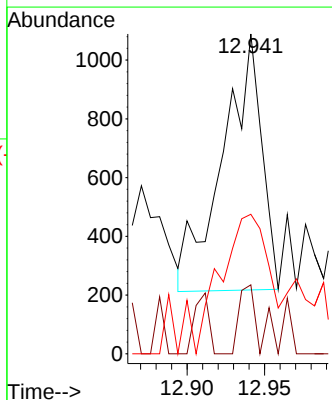
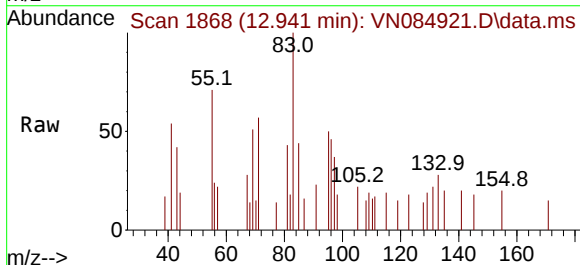


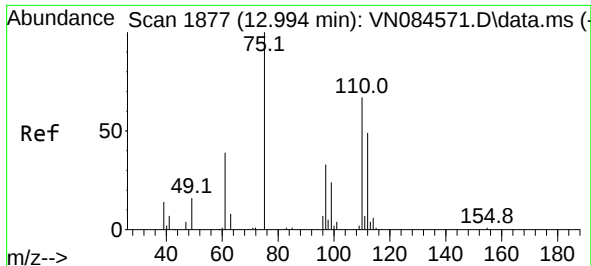
Tgt Ion:	43	Resp:	1162
Ion	Ratio	Lower	Upper
43	100		
70	9.7	34.4	51.6#
55	34.3	19.6	29.4#
61	0.0	19.6	29.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.441 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion:	83	Resp:	1522
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.7
85	66.7	31.9	95.7

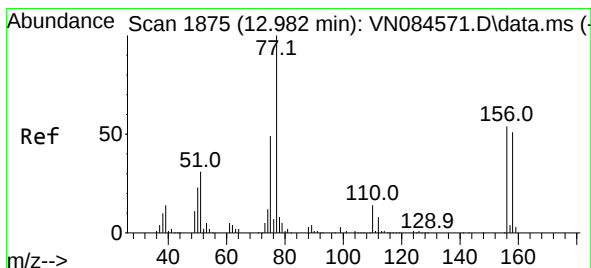
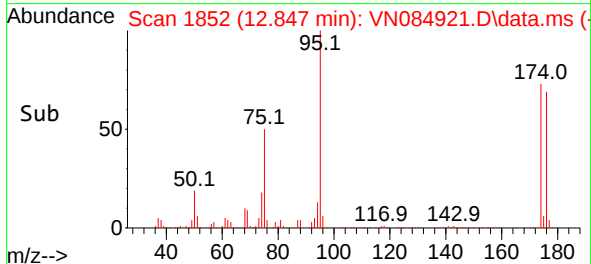
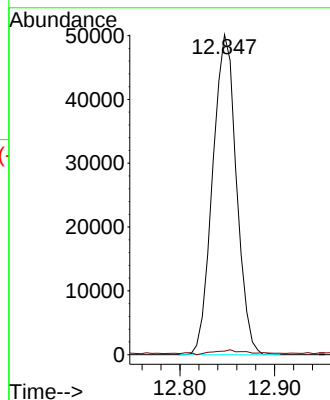
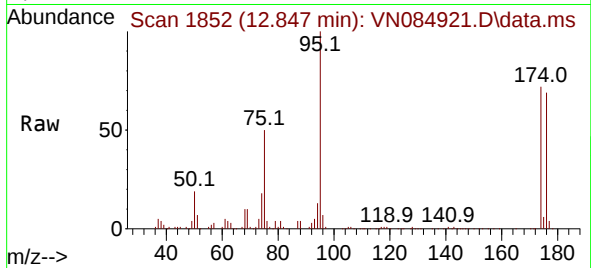




#76
1,2,3-Trichloropropane
Concen: 29.639 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

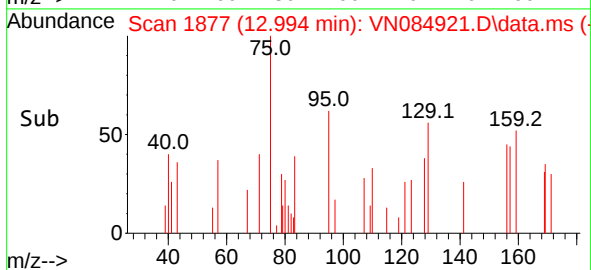
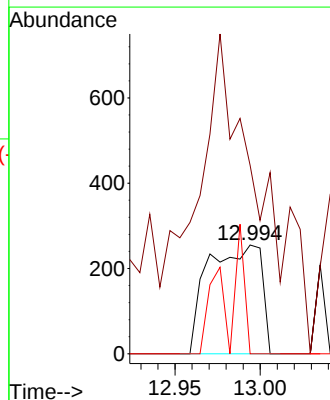
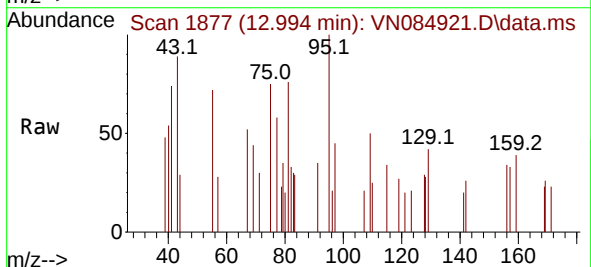
Instrument :
MSVOA_N
ClientSampleId :

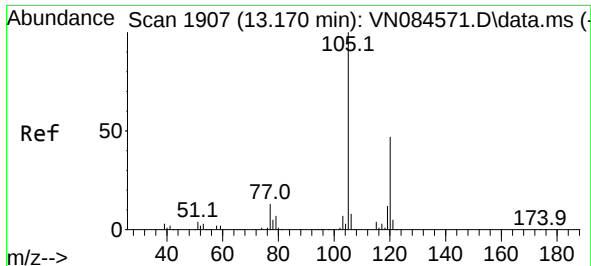
Tgt Ion: 75 Resp: 87406
Ion Ratio Lower Upper
75 100
77 1.9 96.9 290.7#



#77
Bromobenzene
Concen: 0.200 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion:156 Resp: 556
Ion Ratio Lower Upper
156 100
77 352.0 115.1 345.3#
158 23.2 48.9 146.8#

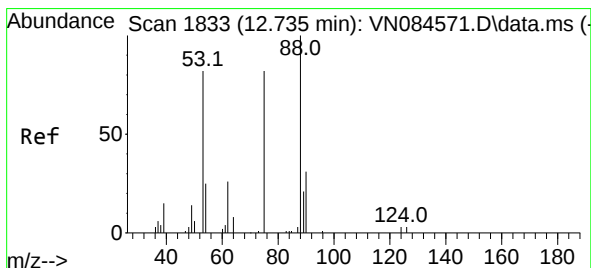
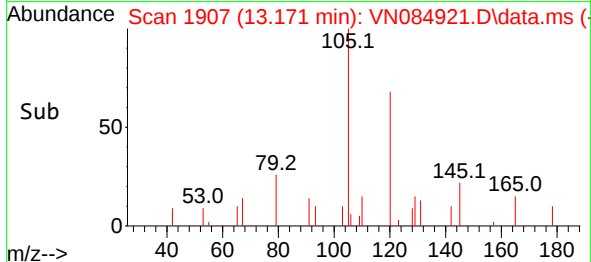
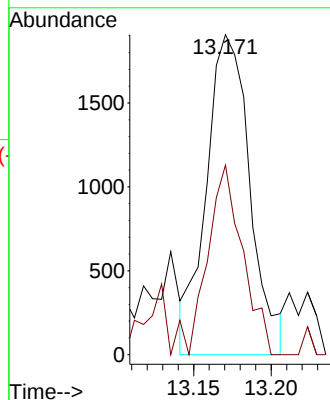
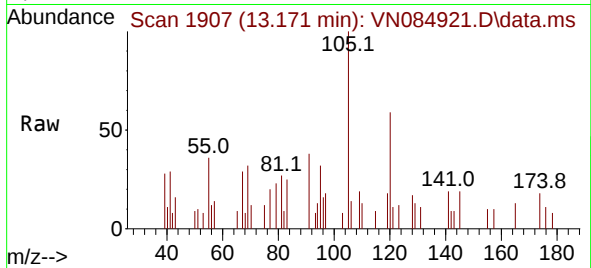




#80
 1,3,5-Trimethylbenzene
 Concen: 0.436 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

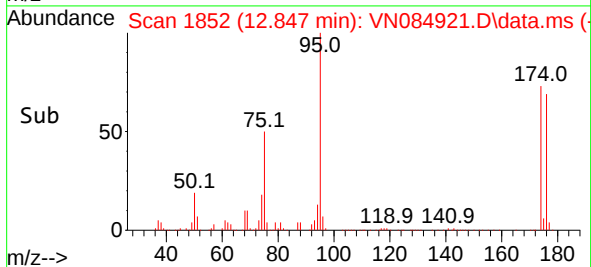
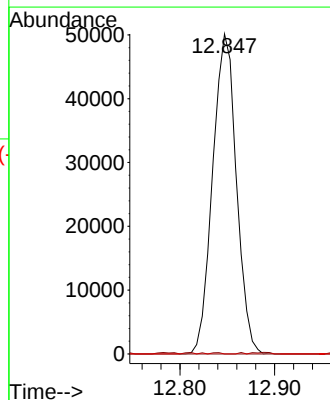
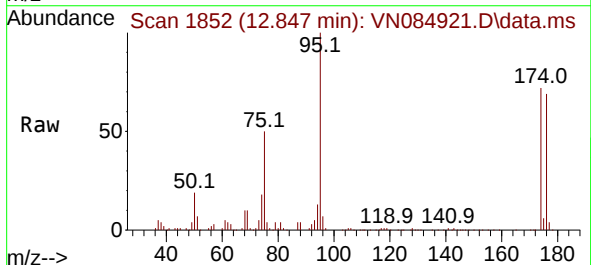
Instrument :
 MSVOA_N
 ClientSampleId :

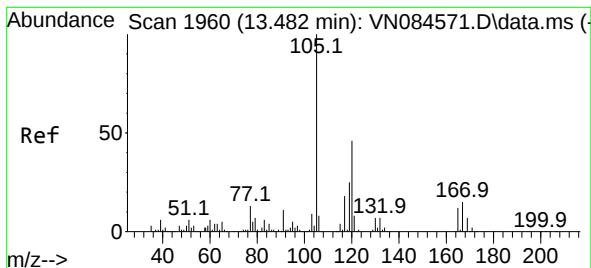
Tgt Ion:105 Resp: 3733
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.315 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

Tgt Ion: 75 Resp: 87406
 Ion Ratio Lower Upper
 75 100
 53 0.2 78.0 117.0#
 89 0.0 35.5 53.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.605 ug/l

RT: 13.476 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

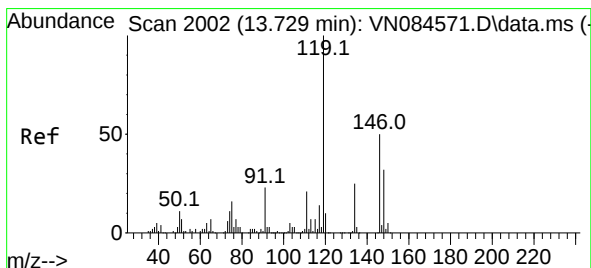
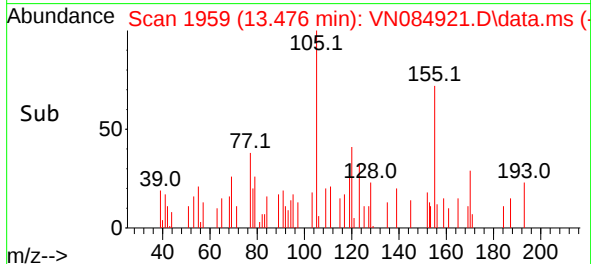
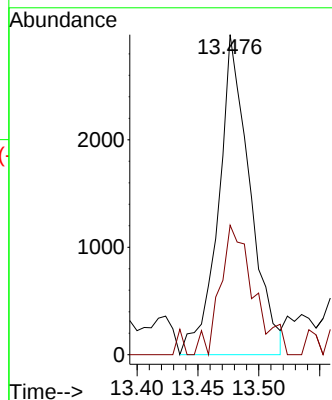
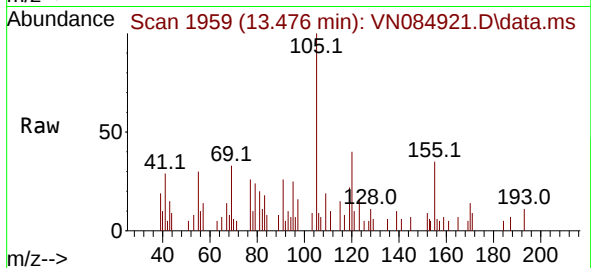
ClientSampleId :

Tgt Ion:105 Resp: 5354

Ion Ratio Lower Upper

105 100

120 43.2 22.3 66.8



#86

p-Isopropyltoluene

Concen: 0.209 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

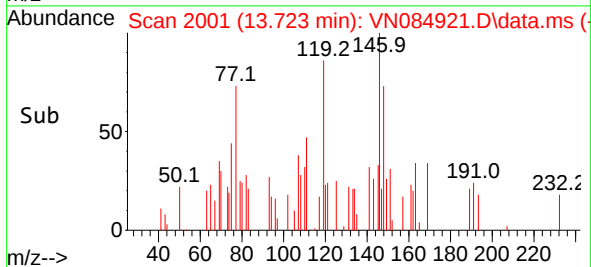
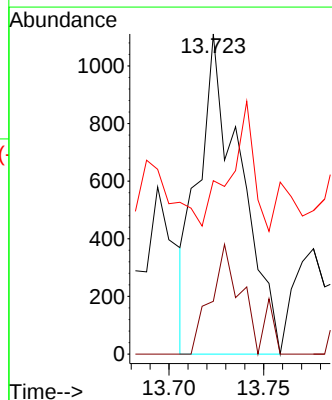
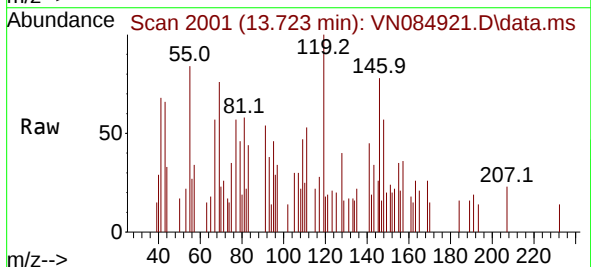
Tgt Ion:119 Resp: 1717

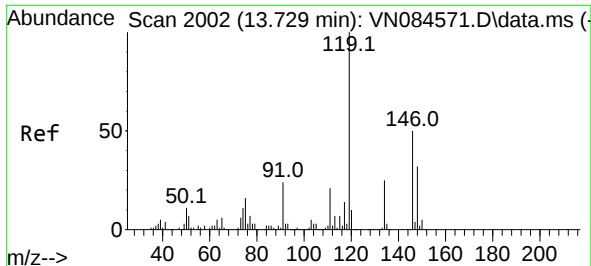
Ion Ratio Lower Upper

119 100

134 27.8 12.6 37.8

91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.423 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

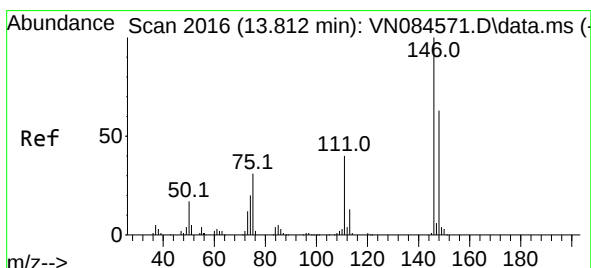
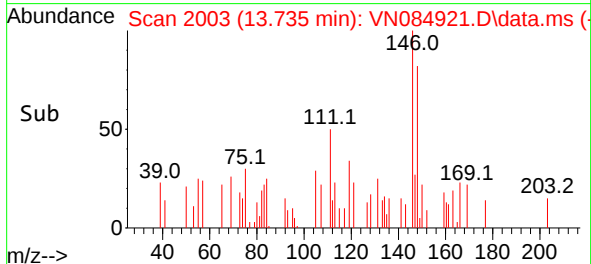
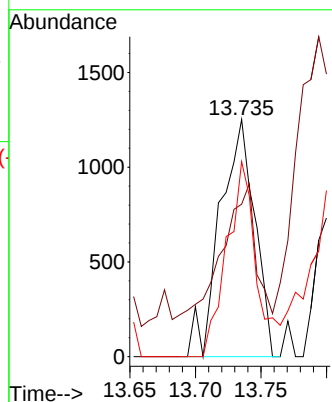
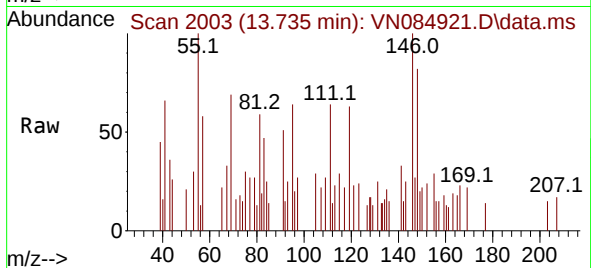
Tgt Ion:146 Resp: 2293

Ion Ratio Lower Upper

146 100

111 50.4 21.8 65.3

148 70.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

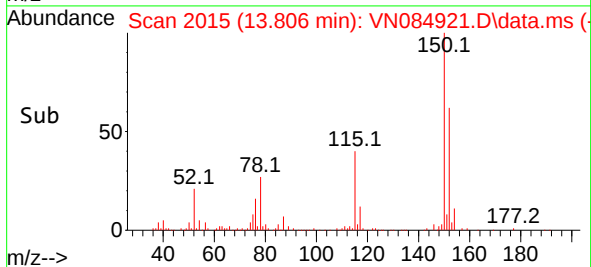
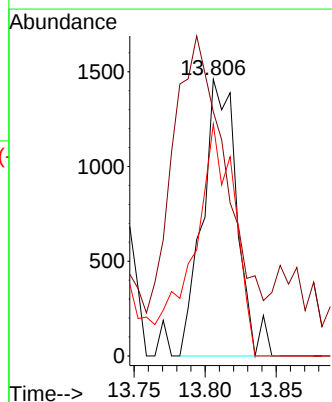
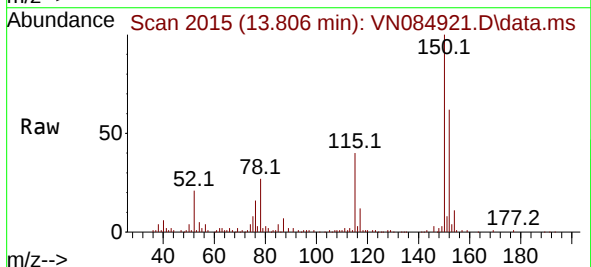
Tgt Ion:146 Resp: 2446

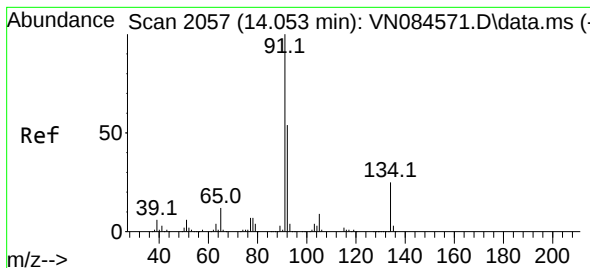
Ion Ratio Lower Upper

146 100

111 154.5 21.2 63.6#

148 100.2 31.9 95.9#





#89

n-Butylbenzene

Concen: 0.233 ug/l

RT: 14.047 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

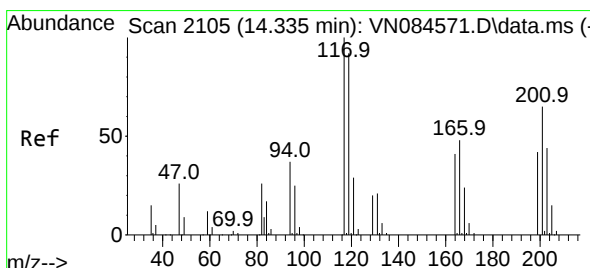
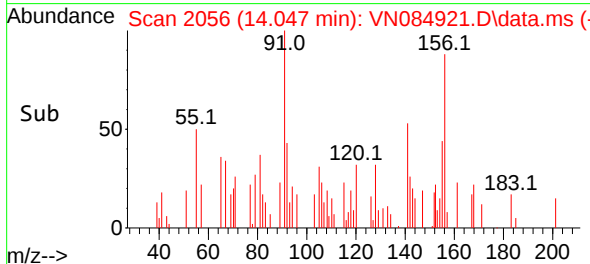
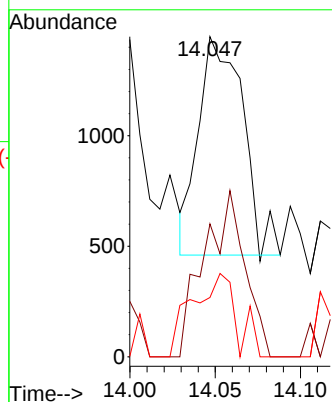
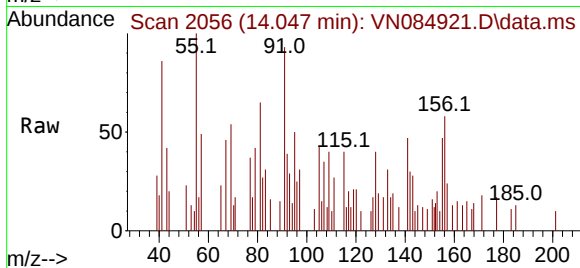
Tgt Ion: 91 Resp: 1791

Ion Ratio Lower Upper

91 100

92 70.0 26.6 79.7

134 38.4 12.3 36.9#



#90

Hexachloroethane

Concen: 0.205 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.006 min

Lab File: VN084921.D

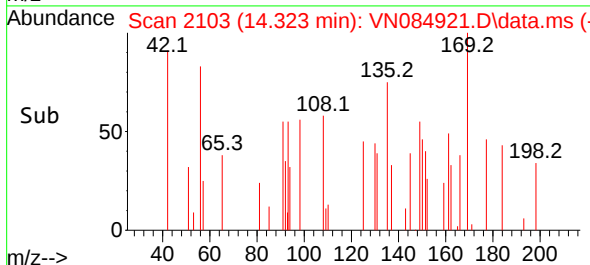
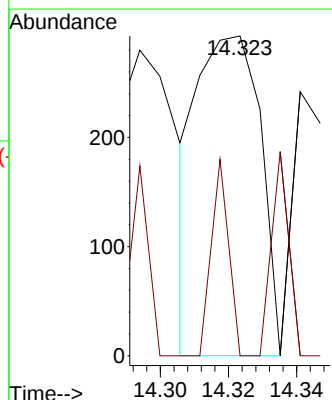
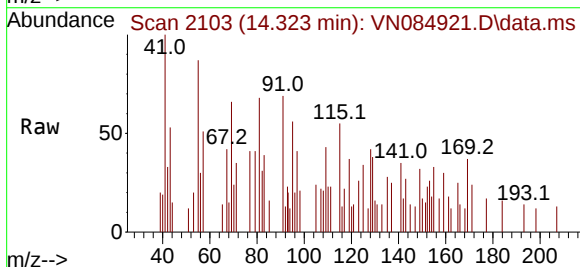
Acq: 18 Nov 2024 15:40

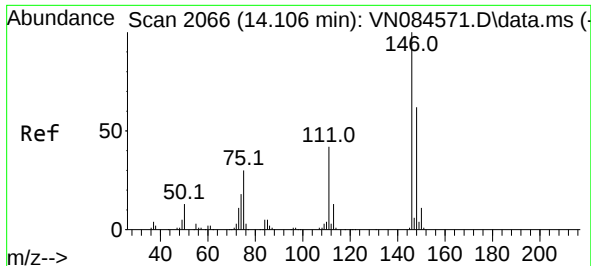
Tgt Ion: 117 Resp: 376

Ion Ratio Lower Upper

117 100

201 17.0 34.4 103.2#

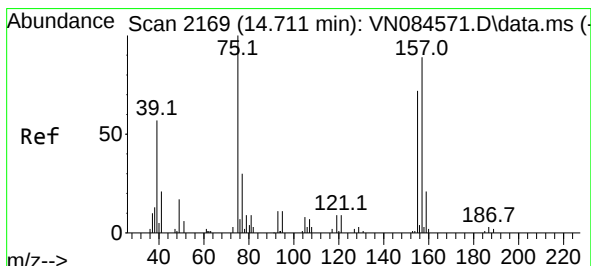
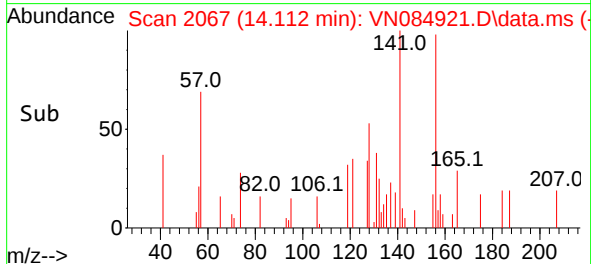
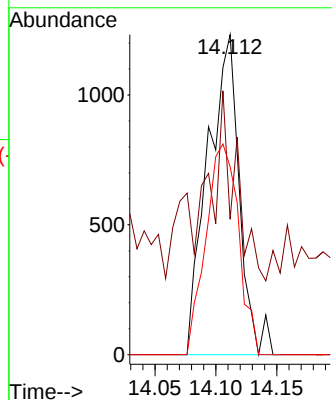
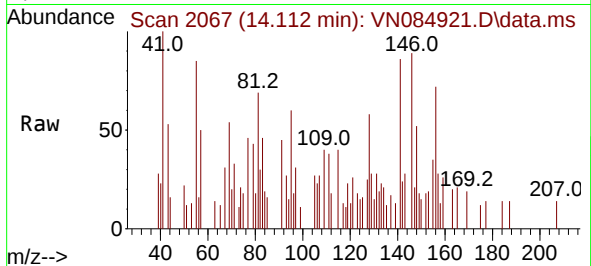




#91
1,2-Dichlorobenzene
Concen: 0.426 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

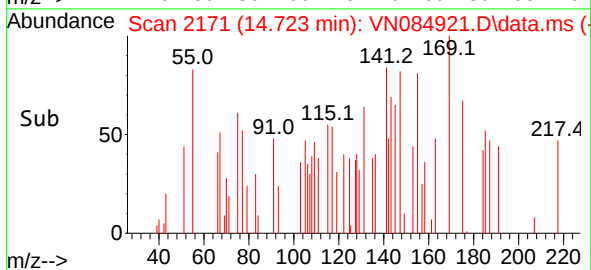
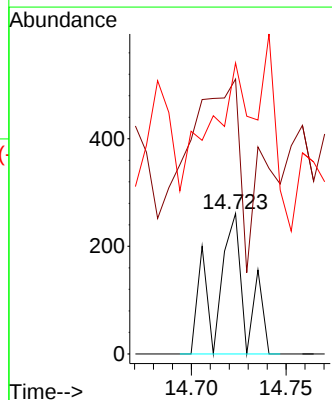
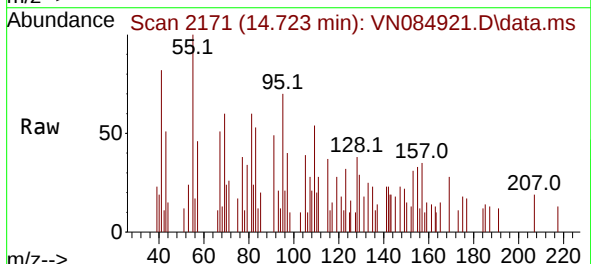
Instrument :
MSVOA_N
ClientSampleId :

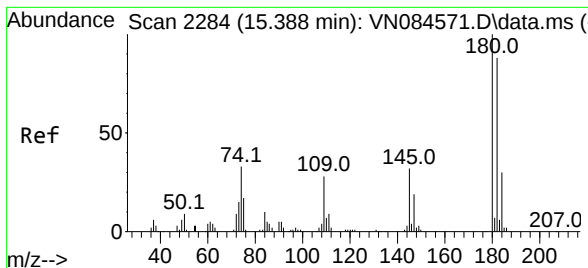
Tgt Ion:146 Resp: 2222
Ion Ratio Lower Upper
146 100
111 45.8 22.0 66.0
148 68.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.408 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN084921.D
Acq: 18 Nov 2024 15:40

Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
155 220.4 38.1 114.5#
157 0.0 49.6 149.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.546 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

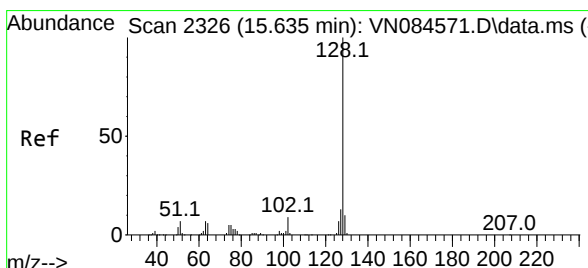
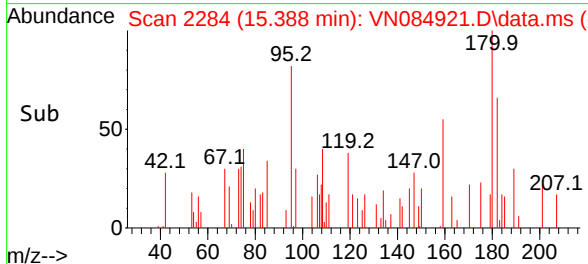
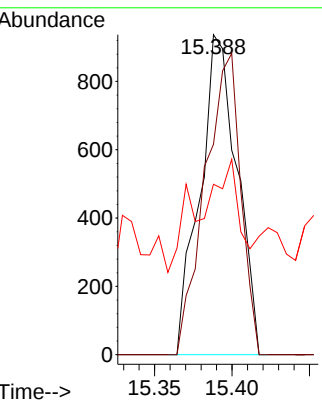
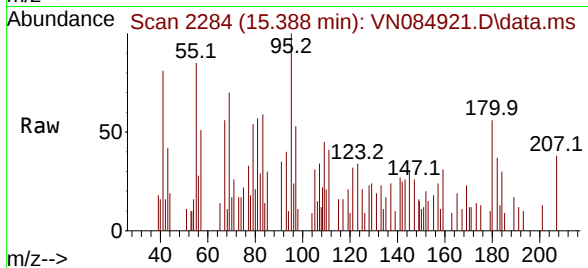
Tgt Ion:180 Resp: 1558

Ion Ratio Lower Upper

180 100

182 90.2 47.0 141.0

145 37.5 16.4 49.4



#95

Naphthalene

Concen: 6.546 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084921.D

Acq: 18 Nov 2024 15:40

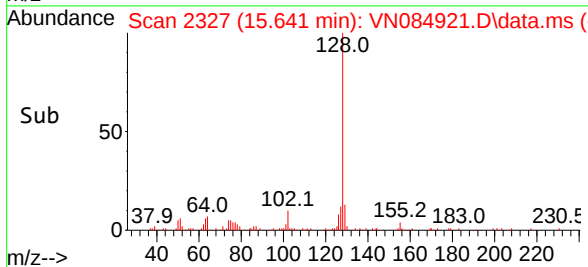
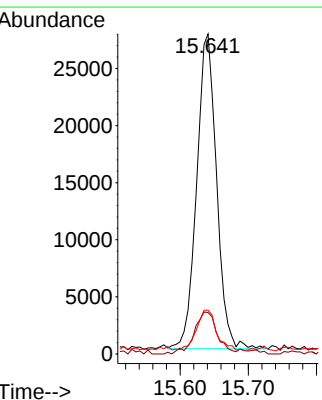
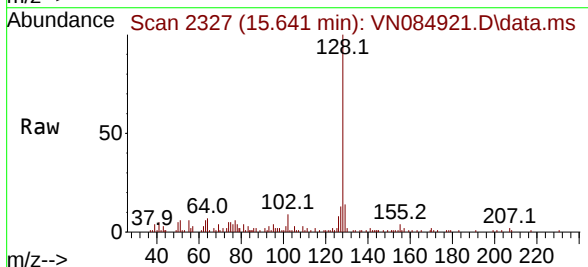
Tgt Ion:128 Resp: 55899

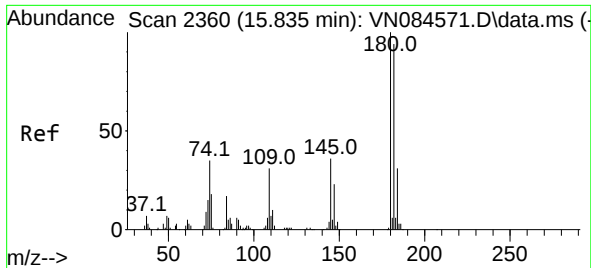
Ion Ratio Lower Upper

128 100

127 15.3 10.5 15.7

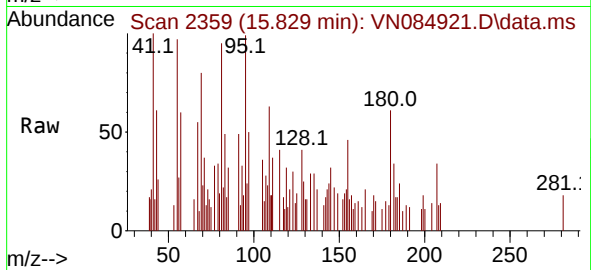
129 12.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.623 ug/l
 RT: 15.829 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN084921.D
 Acq: 18 Nov 2024 15:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1724
Ion	Ratio	Lower	Upper
180	100		
182	86.4	48.2	144.6
145	10.6	17.3	51.9#

