

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084924.D
 Acq On : 18 Nov 2024 16:52
 Operator : JC\MD
 Sample : P4861-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 00:30:36 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	8.224	168	175303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126751	50.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.120%	
35) Dibromofluoromethane	8.165	113	99846	47.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.380%	
50) Toluene-d8	10.565	98	362247	46.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.960%	
62) 4-Bromofluorobenzene	12.847	95	155743	53.469	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.940%	

Target Compounds			Qvalue			
3) Chloromethane	2.359	50	1018	Below Cal	#	41
4) Vinyl Chloride	2.506	62	4479	2.066	ug/l #	77
5) Bromomethane	2.901	94	627	0.546	ug/l	85
6) Chloroethane	3.165	64	362	Below Cal	#	45
11) Tert butyl alcohol	5.506	59	1574	4.710	ug/l #	73
16) Acetone	4.436	43	780	Below Cal	#	34
18) Methyl Acetate	5.036	43	2820	Below Cal	#	59
19) Methyl tert-butyl Ether	5.783	73	14639	2.392	ug/l	94
20) Methylene Chloride	5.259	84	719	0.323	ug/l #	75
21) trans-1,2-Dichloroethene	5.771	96	676	0.330	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	13846	3.585	ug/l	95
25) 2-Butanone	7.483	43	358	0.303	ug/l #	1
27) cis-1,2-Dichloroethene	7.488	96	181372	75.775	ug/l	88
29) Tetrahydrofuran	7.830	42	1212	1.547	ug/l #	41
30) Chloroform	7.959	83	3993	1.016	ug/l	92
31) Cyclohexane	8.218	56	4079	1.167	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	2748	0.768	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	15184	5.175	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19902	6.068	ug/l #	14
40) Benzene	8.606	78	11095	1.177	ug/l	97
42) 1,2-Dichloroethane	8.665	62	8263	2.708	ug/l	100
43) Isopropyl Acetate	8.765	43	69717	13.470	ug/l #	56
44) Trichloroethene	9.347	130	47544	21.877	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	834	0.245	ug/l #	43
59) 2-Hexanone	11.194	43	1496	0.810	ug/l #	47
60) Dibromochloromethane	11.100	129	186639	78.882	ug/l #	11
64) Tetrachloroethene	11.100	164	186140	97.865	ug/l	97
65) Chlorobenzene	11.888	112	6267	0.980	ug/l	92
67) Ethyl Benzene	11.959	91	2747	0.257	ug/l #	82
68) m/p-Xylenes	12.076	106	1779	0.440	ug/l	83
70) Styrene	12.406	104	1923	0.291	ug/l	94
74) N-amyl acetate	12.494	43	795	0.201	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.941	83	1278	0.412	ug/l #	80
76) 1,2,3-Trichloropropane	12.847	75	80633	30.429	ug/l #	1
77) Bromobenzene	12.976	156	1043	0.418	ug/l	87
78) n-propylbenzene	13.035	91	4558	0.419	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084924.D
 Acq On : 18 Nov 2024 16:52
 Operator : JC\MD
 Sample : P4861-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

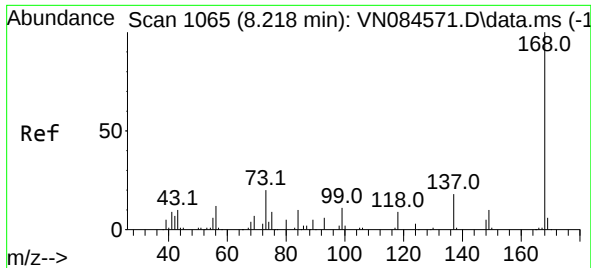
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 00:30:36 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)

79) 2-Chlorotoluene	13.123	91	2912	0.409	ug/l	87
80) 1,3,5-Trimethylbenzene	13.170	105	2097	0.272	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.847	75	80633	72.190	ug/l #	11
82) 4-Chlorotoluene	13.218	91	4226	0.565	ug/l	94
83) tert-Butylbenzene	13.441	119	1370	0.215	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.482	105	2215	0.279	ug/l	87
85) sec-Butylbenzene	13.612	105	3673	0.408	ug/l	98
86) p-Isopropyltoluene	13.729	119	2888	0.391	ug/l #	79
87) 1,3-Dichlorobenzene	13.735	146	4707	0.966	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	4707	0.208	ug/l	94
89) n-Butylbenzene	14.053	91	5207	0.754	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	11726	2.504	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.723	75	202	0.322	ug/l #	23
93) 1,2,4-Trichlorobenzene	15.394	180	5039	1.966	ug/l	87
94) Hexachlorobutadiene	15.494	225	604	0.537	ug/l	83
95) Naphthalene	15.641	128	11339	1.478	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.829	180	3125	1.256	ug/l	88

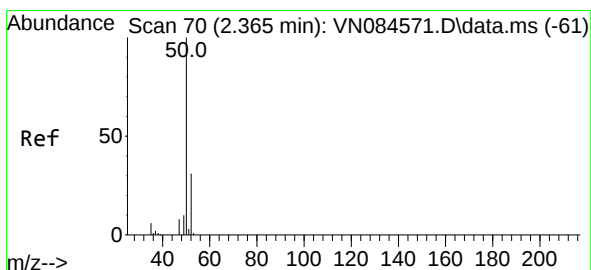
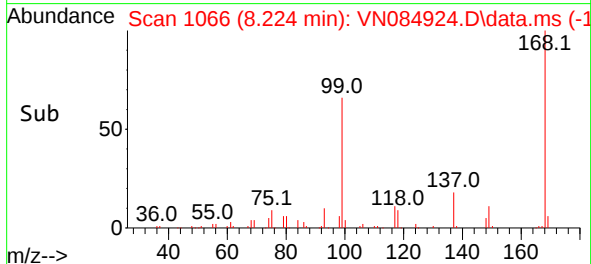
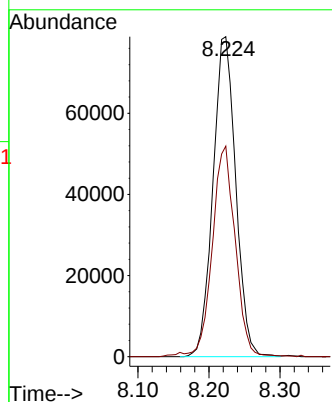
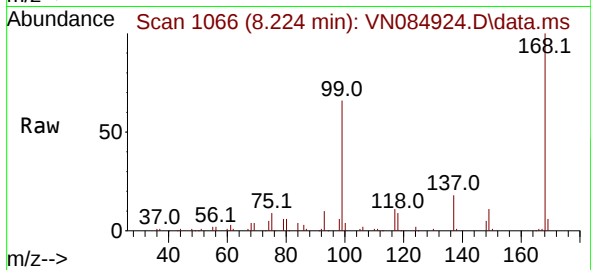
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

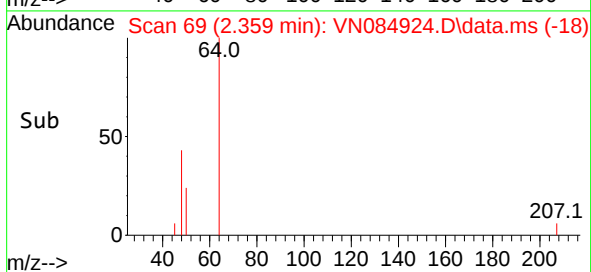
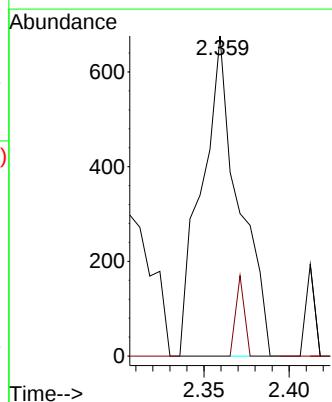
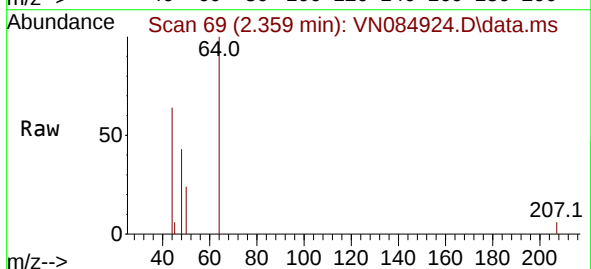
Instrument :
MSVOA_N
ClientSampleId :

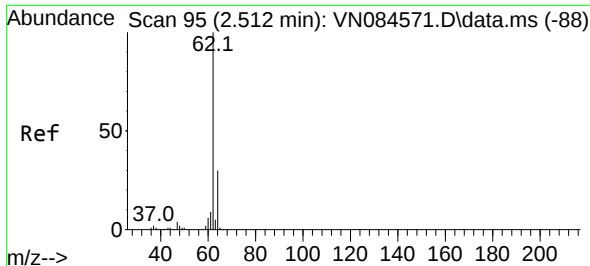
Tgt Ion:168 Resp: 175303
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 50 Resp: 1018
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

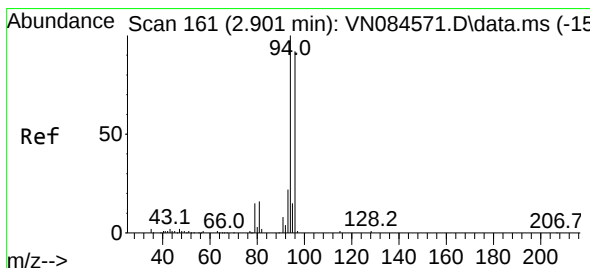
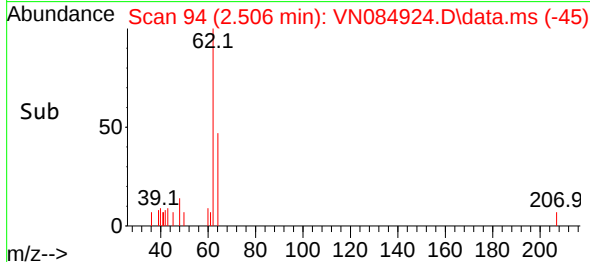
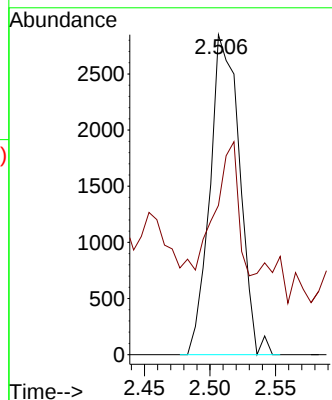
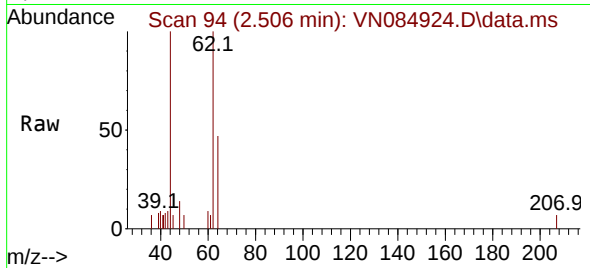




#4
 Vinyl Chloride
 Concen: 2.066 ug/l
 RT: 2.506 min Scan# 94
 Delta R.T. -0.012 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

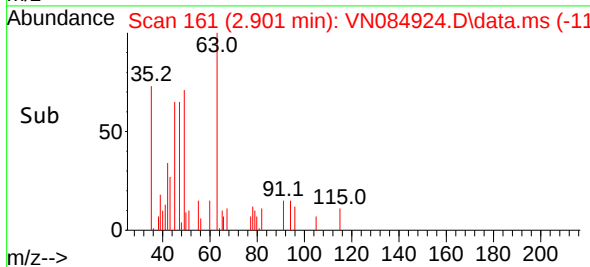
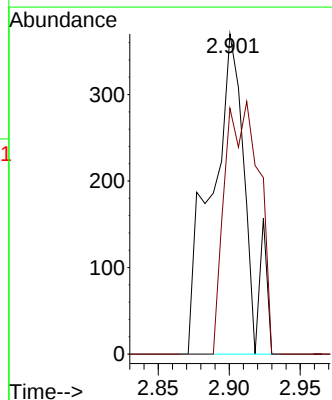
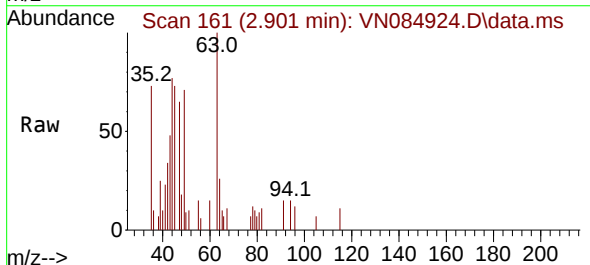
Instrument :
 MSVOA_N
 ClientSampleId :

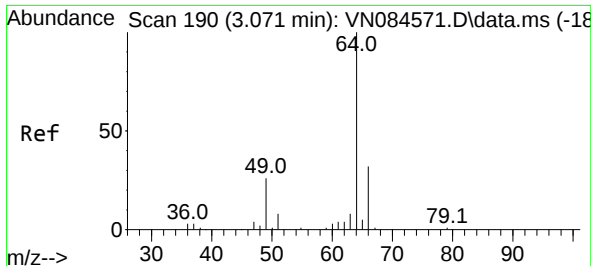
Tgt Ion: 62 Resp: 4479
 Ion Ratio Lower Upper
 62 100
 64 19.6 26.2 39.4#



#5
 Bromomethane
 Concen: 0.546 ug/l
 RT: 2.901 min Scan# 161
 Delta R.T. -0.052 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

Tgt Ion: 94 Resp: 627
 Ion Ratio Lower Upper
 94 100
 96 76.8 72.9 109.3

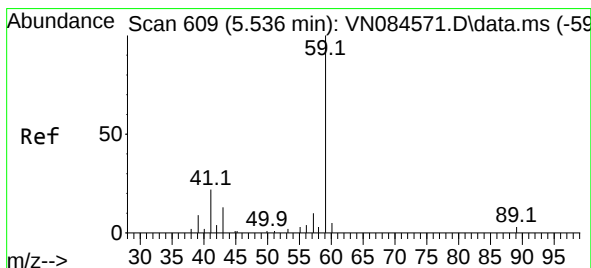
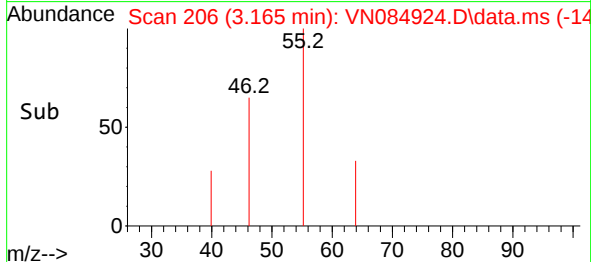
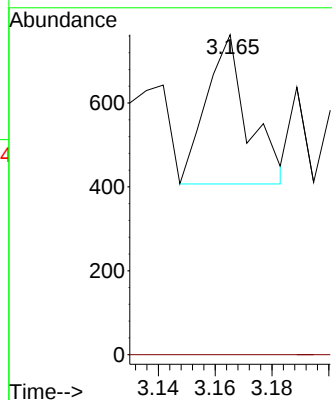
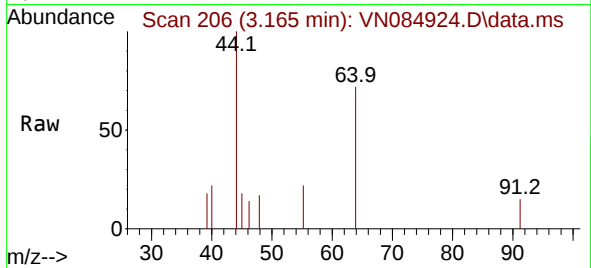




#6
Chloroethane
Concen: Below Cal
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

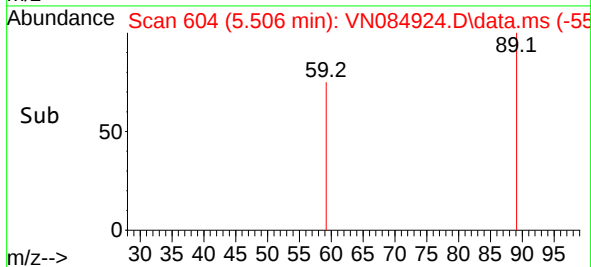
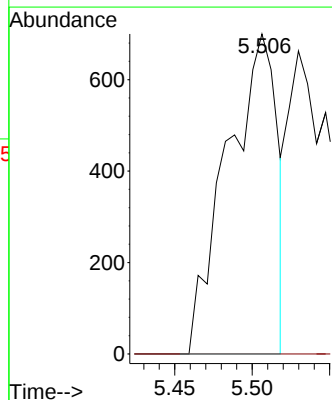
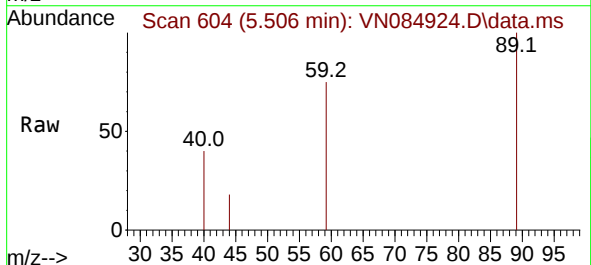
Instrument :
MSVOA_N
ClientSampleId :

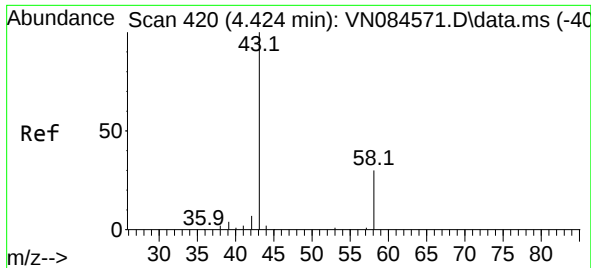
Tgt Ion: 64 Resp: 362
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 4.710 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.018 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 59 Resp: 1574
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

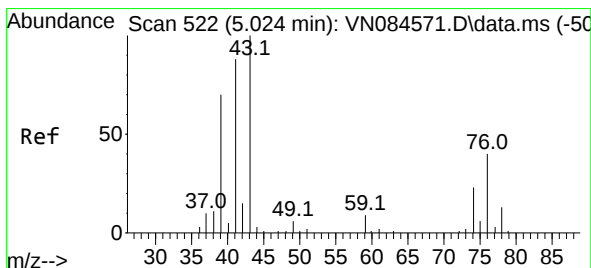
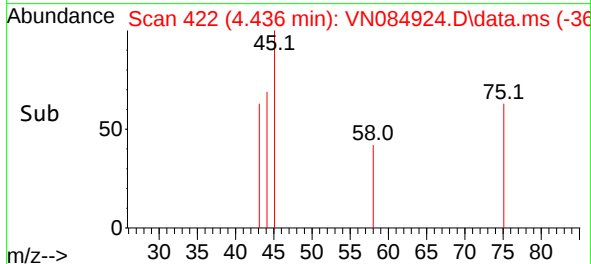
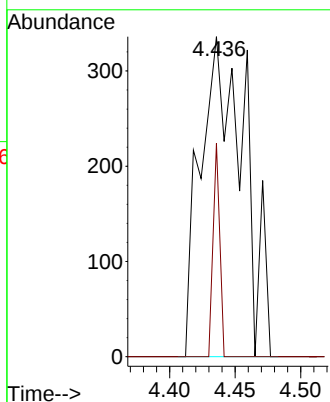
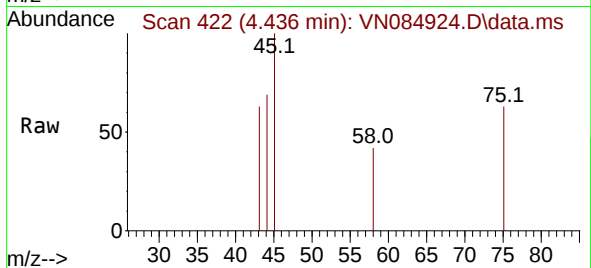




#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

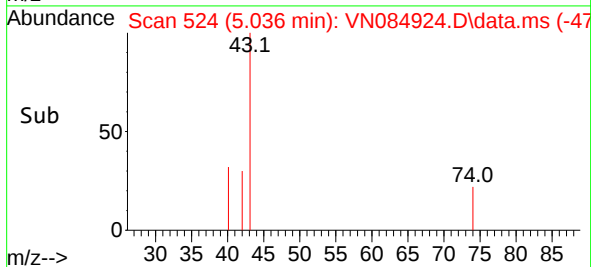
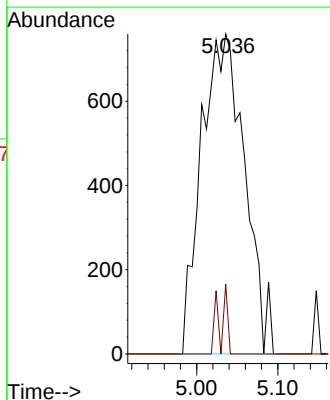
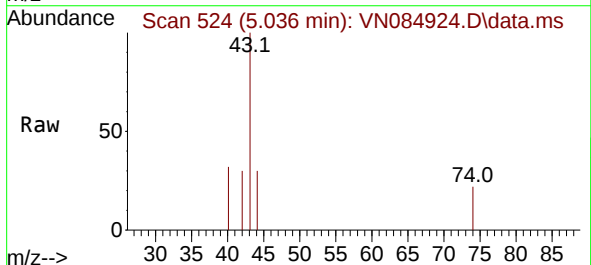
Instrument :
MSVOA_N
ClientSampleId :

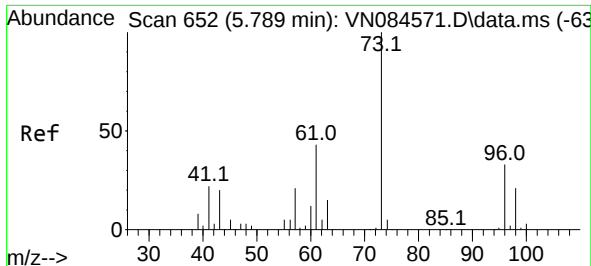
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 66.7 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
74 3.9 19.2 28.8#

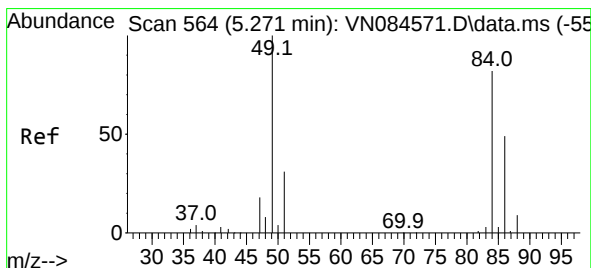
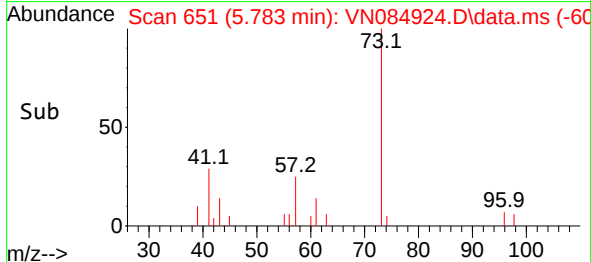
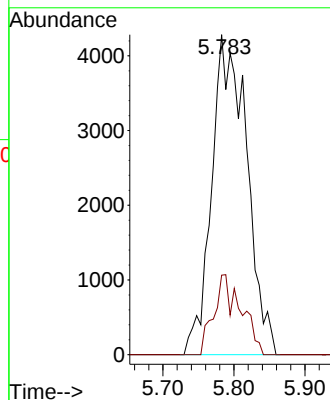
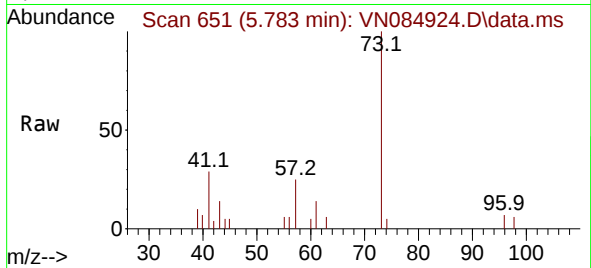




#19
Methyl tert-butyl Ether
Concen: 2.392 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

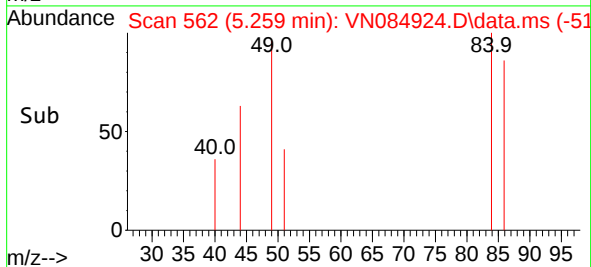
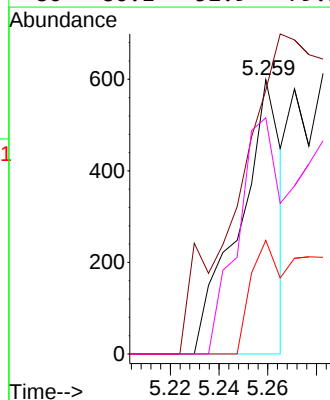
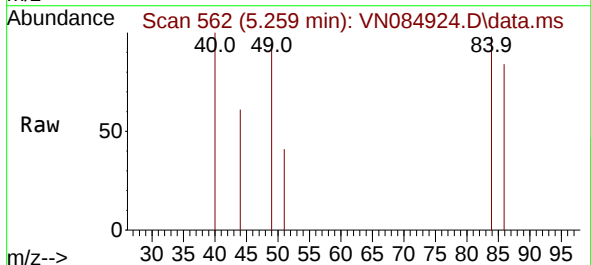
Instrument :
MSVOA_N
ClientSampleId :

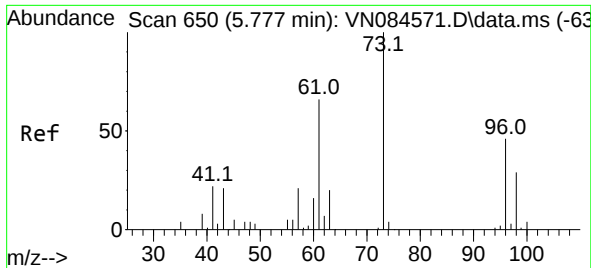
Tgt Ion: 73 Resp: 14639
Ion Ratio Lower Upper
73 100
57 24.9 17.7 26.5



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

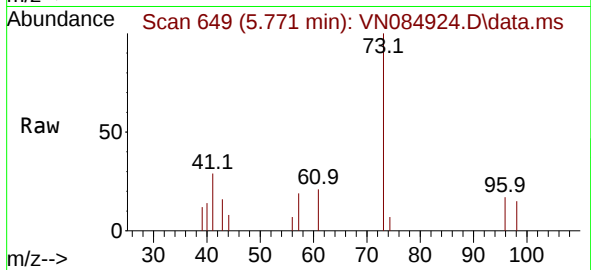
Tgt Ion: 84 Resp: 719
Ion Ratio Lower Upper
84 100
49 96.2 107.2 160.8#
51 41.4 31.8 47.8
86 86.1 52.9 79.3#



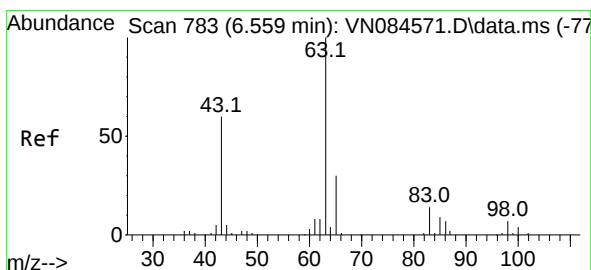
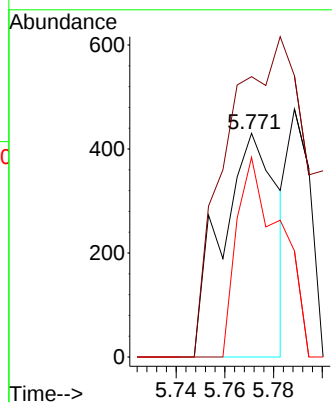
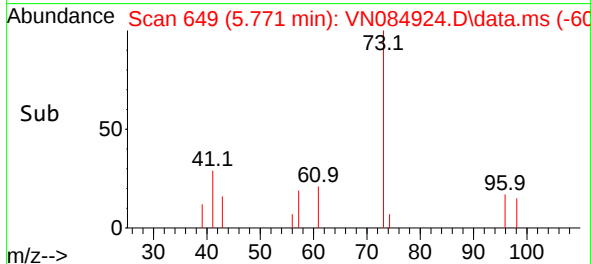


#21
trans-1,2-Dichloroethene
Concen: 0.330 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

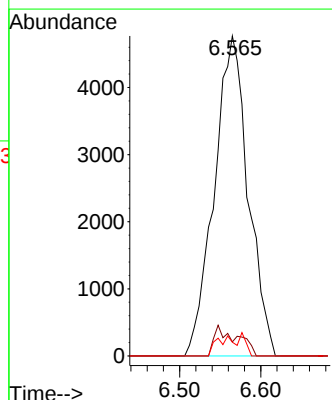
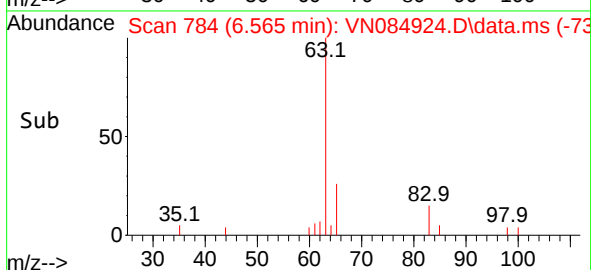
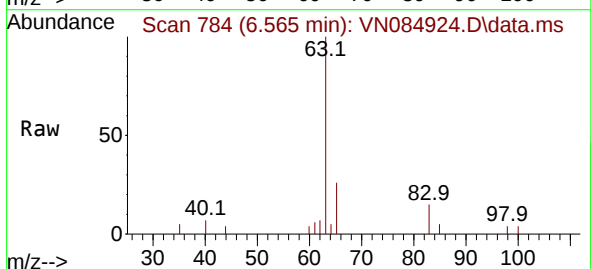


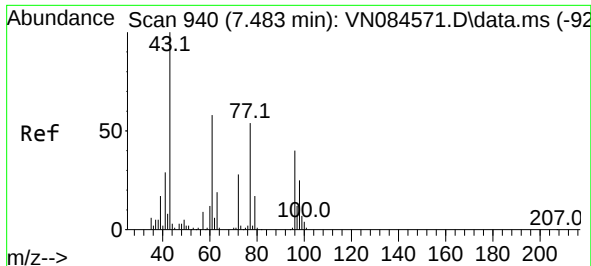
Tgt Ion: 96 Resp: 676
Ion Ratio Lower Upper
96 100
61 125.3 108.4 162.6
98 89.3 49.8 74.8#



#24
1,1-Dichloroethane
Concen: 3.585 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 63 Resp: 13846
Ion Ratio Lower Upper
63 100
98 4.4 3.4 10.2
100 4.3 2.0 5.8

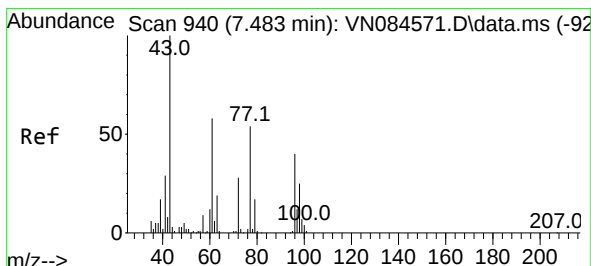
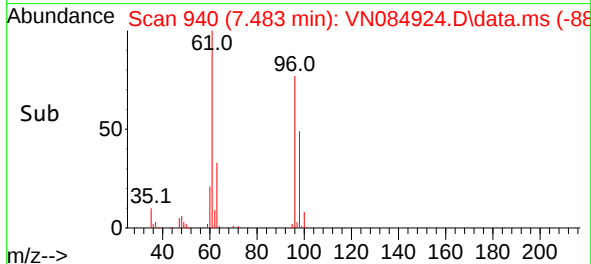
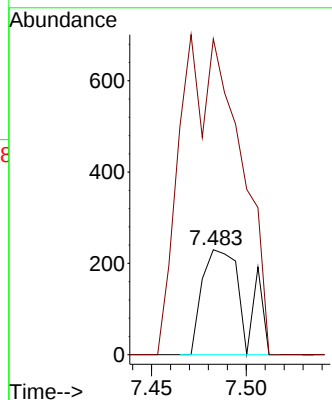
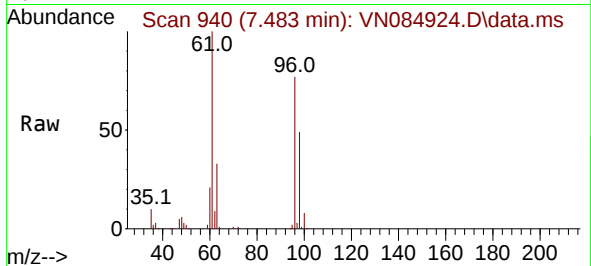




#25
2-Butanone
Concen: 0.303 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

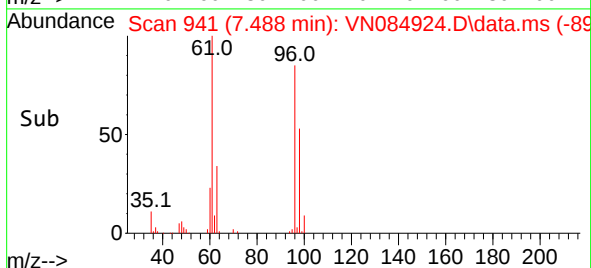
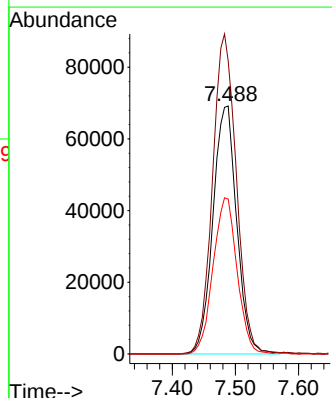
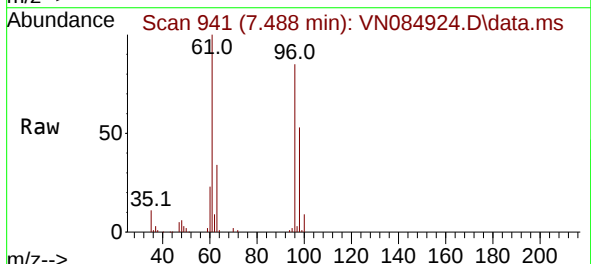
Instrument :
MSVOA_N
ClientSampleId :

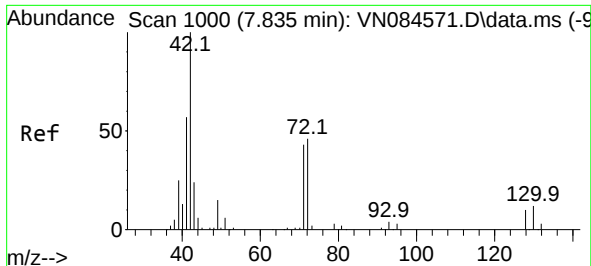
Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
72 300.9 21.4 32.2#



#27
cis-1,2-Dichloroethene
Concen: 75.775 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 96 Resp: 181372
Ion Ratio Lower Upper
96 100
61 129.0 0.0 301.8
98 63.4 0.0 128.2





#29

Tetrahydrofuran

Concen: 1.547 ug/l

RT: 7.830 min Scan# 999

Delta R.T. -0.006 min

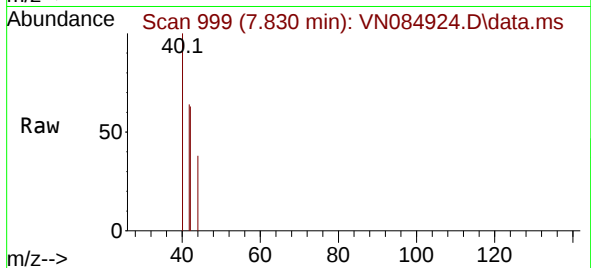
Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

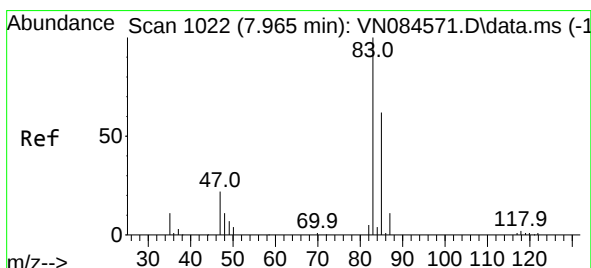
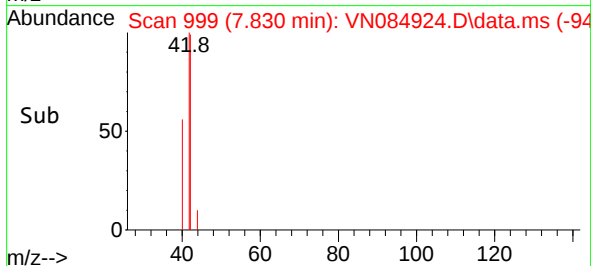
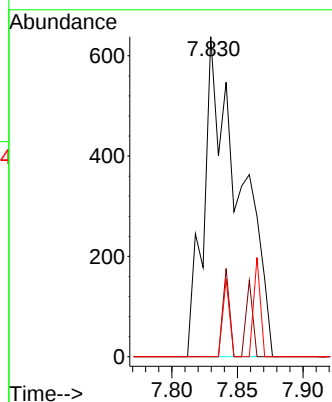
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1212
Ion	Ratio	Lower	Upper
42	100		
72	5.1	34.6	51.8#
71	4.5	32.2	48.4#



#30

Chloroform

Concen: 1.016 ug/l

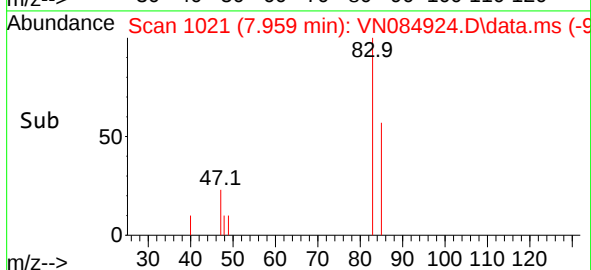
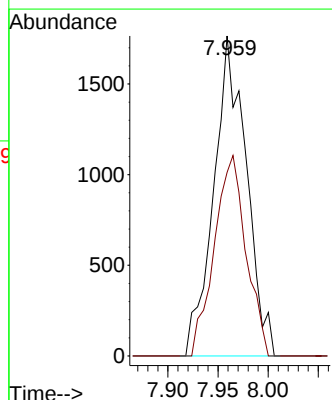
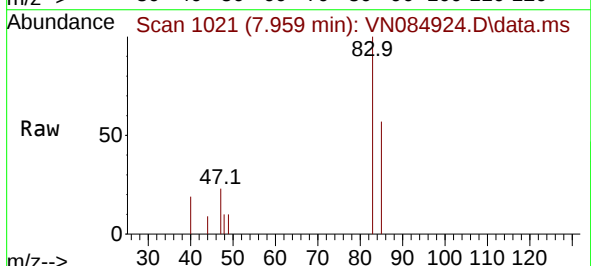
RT: 7.959 min Scan# 1021

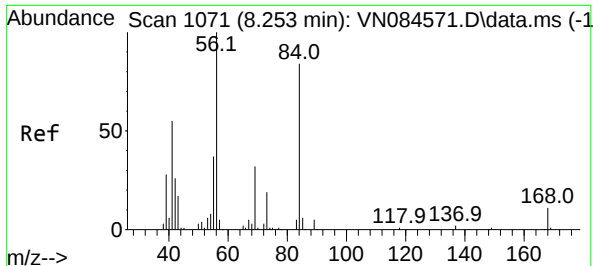
Delta R.T. -0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

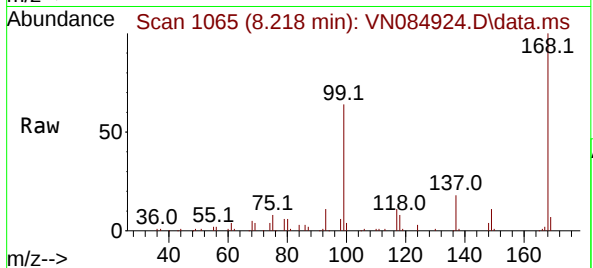
Tgt Ion:	83	Resp:	3993
Ion	Ratio	Lower	Upper
83	100		
85	57.3	51.0	76.4





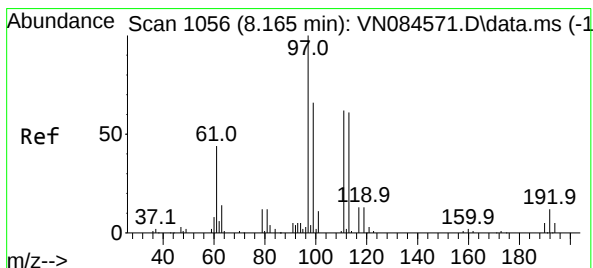
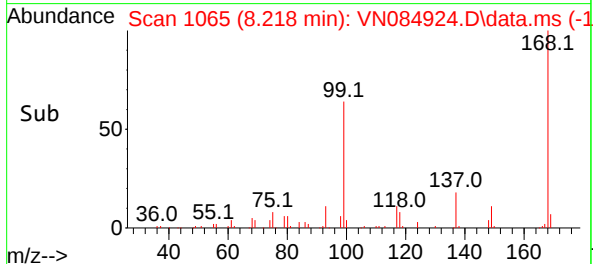
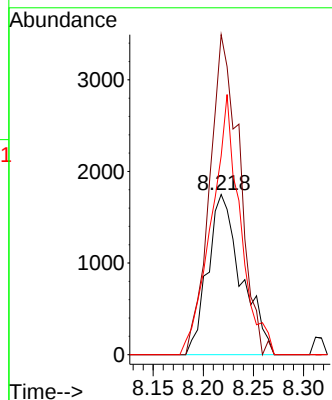
#31
Cyclohexane
Concen: 1.167 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 56 Resp: 4079

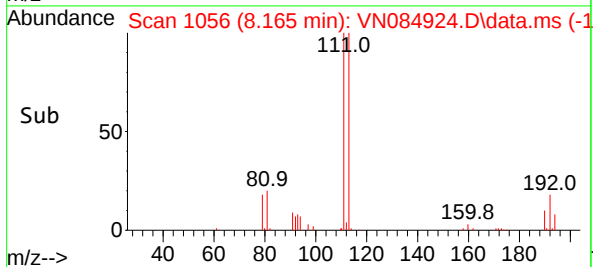
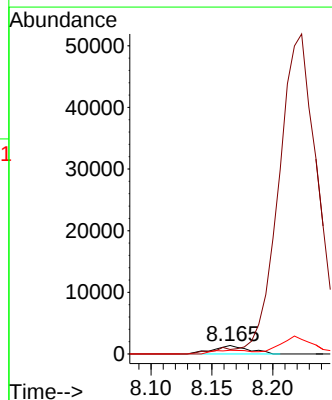
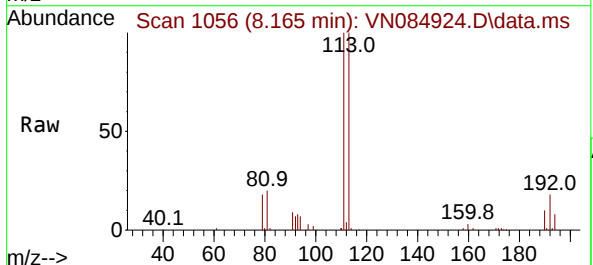
Ion	Ratio	Lower	Upper
56	100		
69	199.8	23.8	35.6#
84	124.1	68.8	103.2#

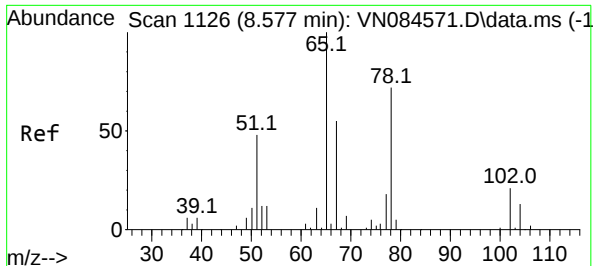


#32
1,1,1-Trichloroethane
Concen: 0.768 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 97 Resp: 2748

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	44.0	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 50.060 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

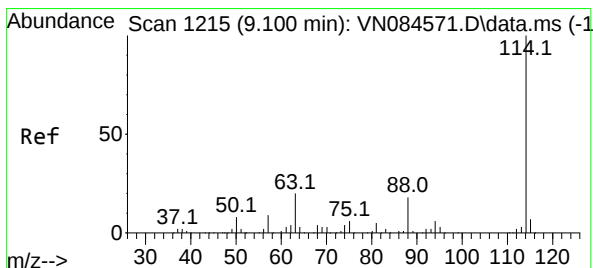
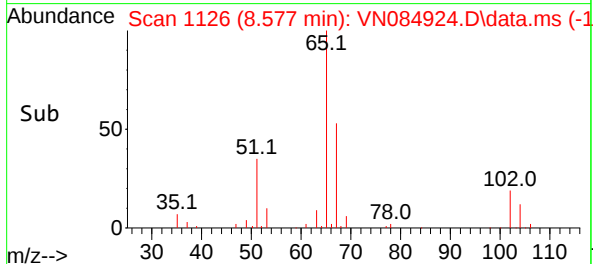
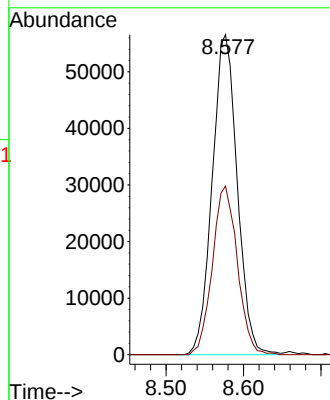
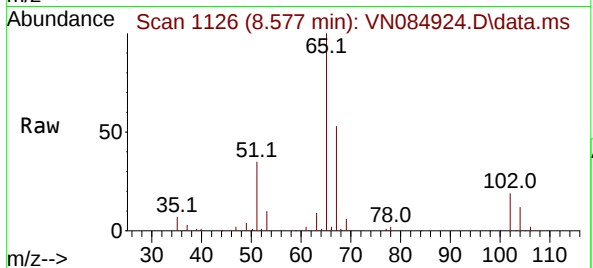
ClientSampleId :

Tgt Ion: 65 Resp: 126751

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

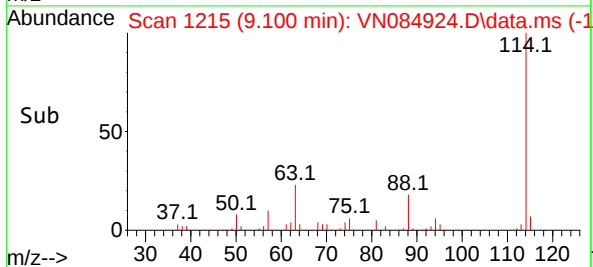
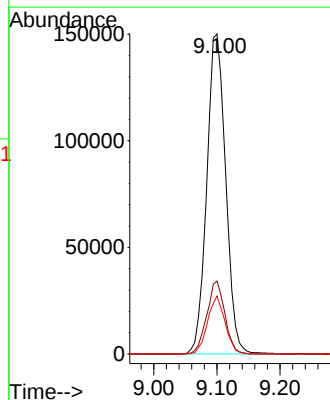
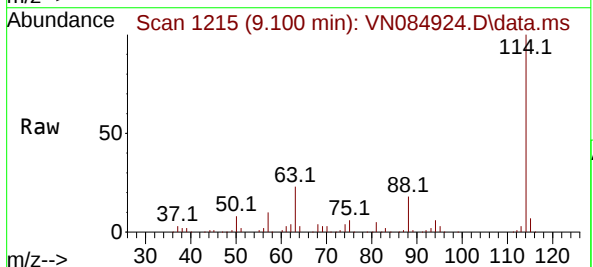
Tgt Ion: 114 Resp: 312575

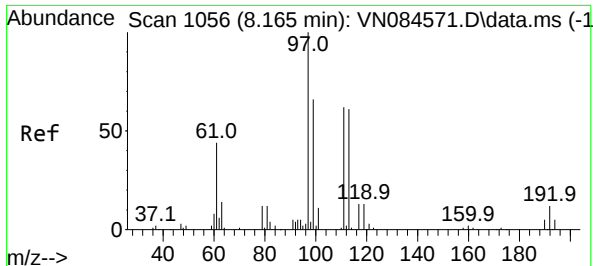
Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.8

88 18.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.192 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

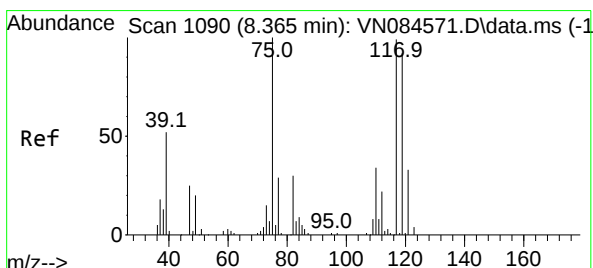
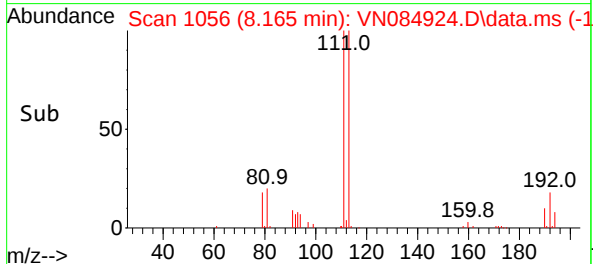
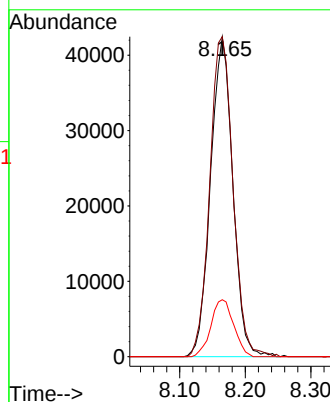
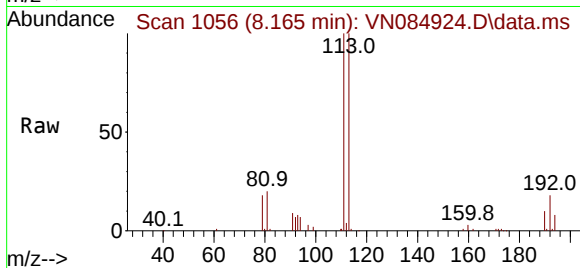
Tgt Ion:113 Resp: 99846

Ion Ratio Lower Upper

113 100

111 104.4 83.3 124.9

192 18.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

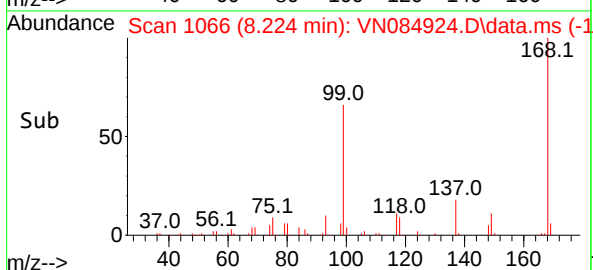
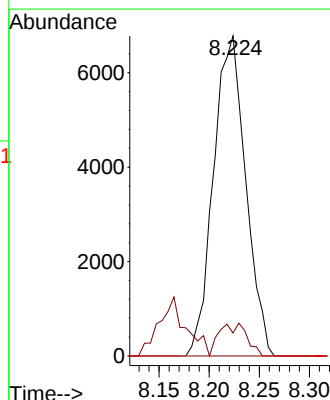
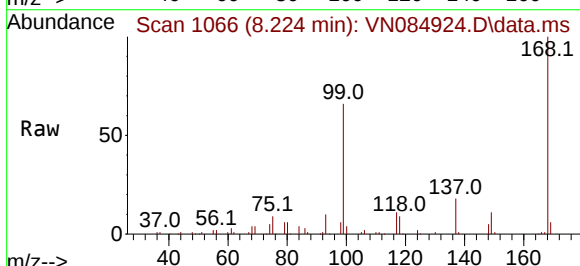
Tgt Ion: 75 Resp: 15184

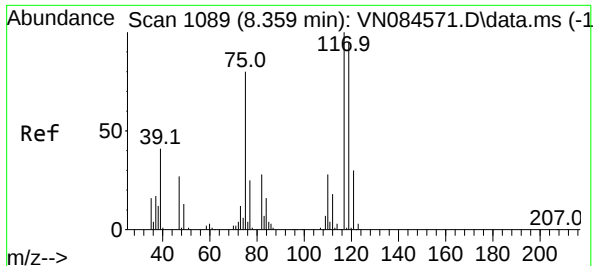
Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.7#

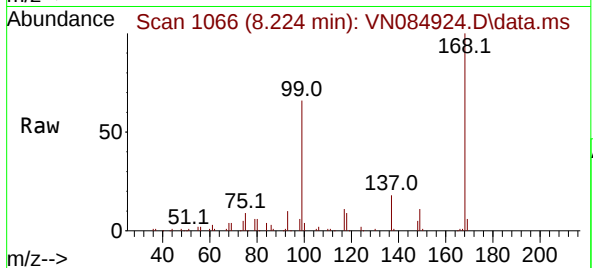
77 0.0 24.7 37.1#



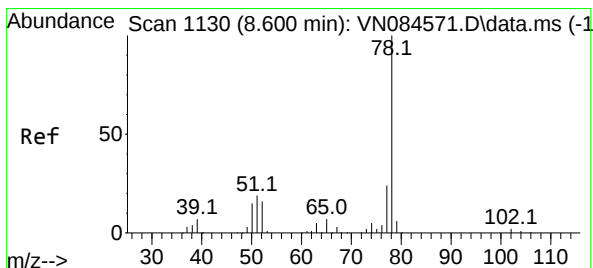
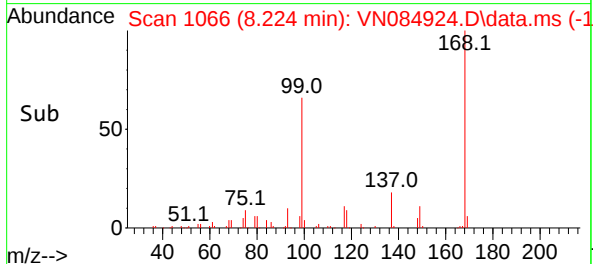
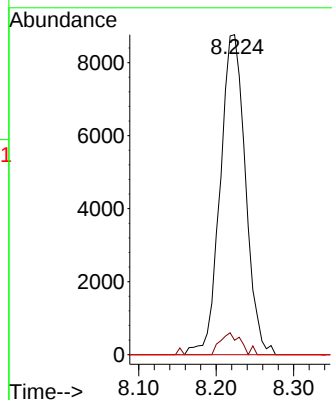


#38
Carbon Tetrachloride
Concen: 6.068 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

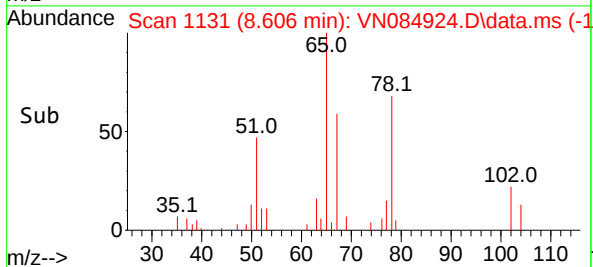
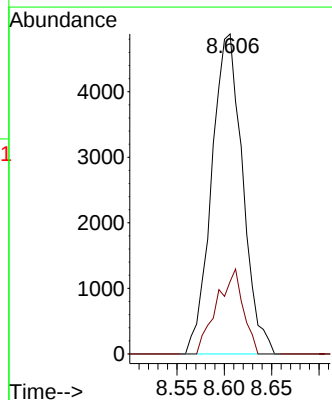
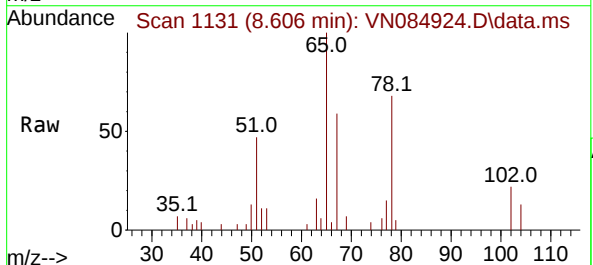


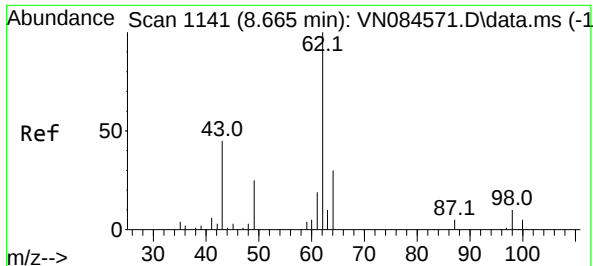
Tgt Ion:117 Resp: 19902
Ion Ratio Lower Upper
117 100
119 4.5 78.7 118.1#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 1.177 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 78 Resp: 11095
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7





#42

1,2-Dichloroethane

Concen: 2.708 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

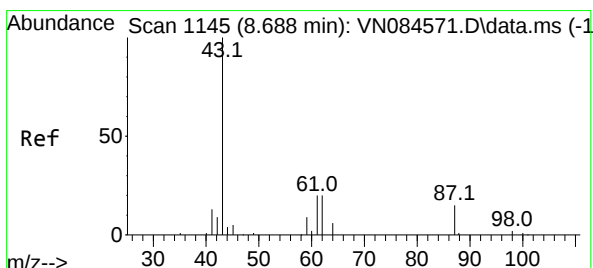
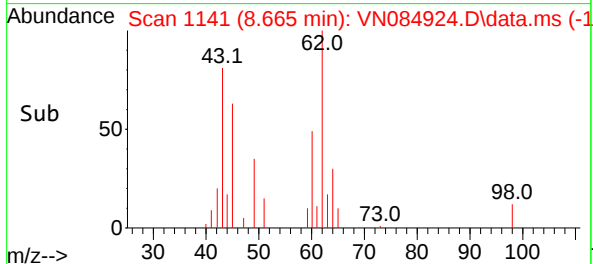
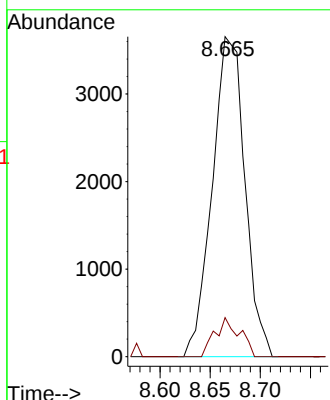
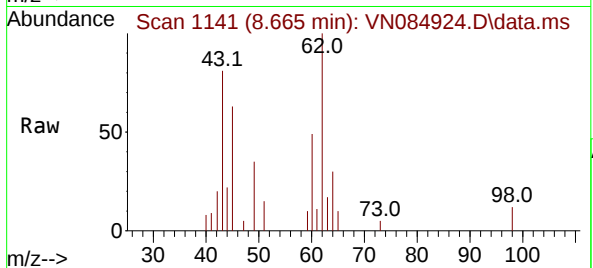
ClientSampleId :

Tgt Ion: 62 Resp: 8263

Ion Ratio Lower Upper

62 100

98 9.2 0.0 18.2



#43

Isopropyl Acetate

Concen: 13.470 ug/l

RT: 8.765 min Scan# 1158

Delta R.T. 0.077 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

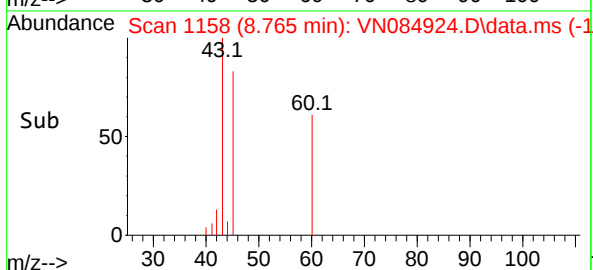
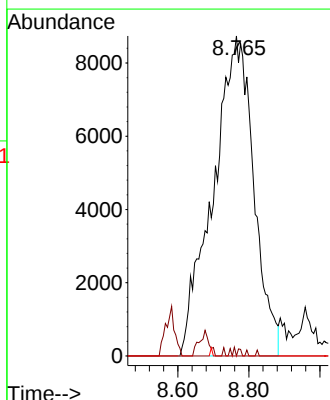
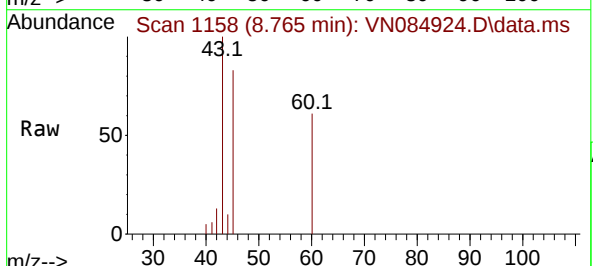
Tgt Ion: 43 Resp: 69717

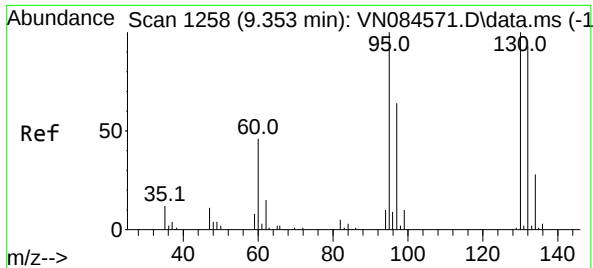
Ion Ratio Lower Upper

43 100

61 0.2 20.4 30.6#

87 0.0 10.3 15.5#

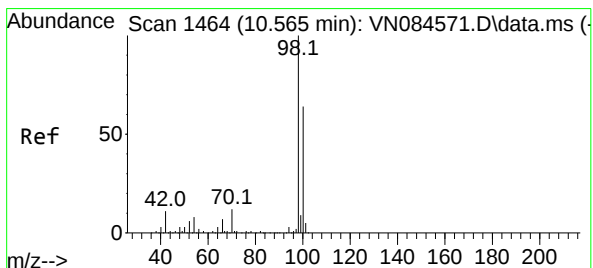
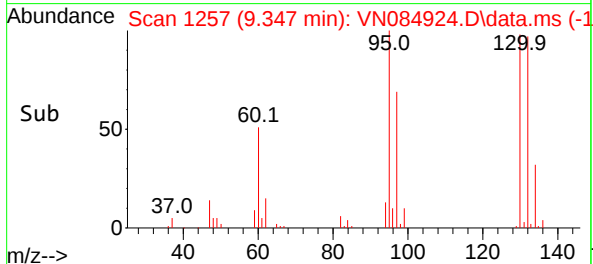
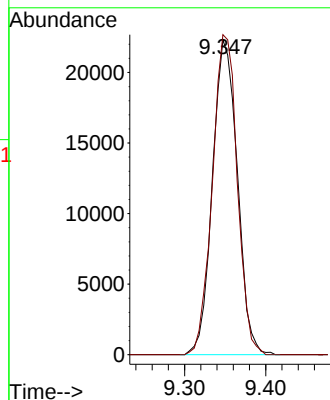
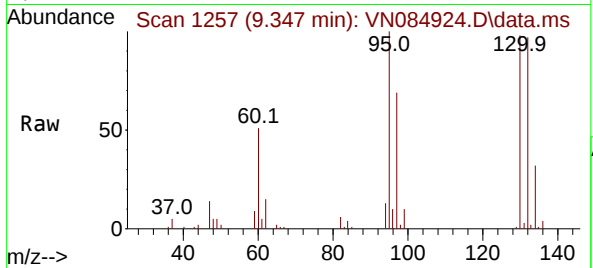




#44
Trichloroethene
Concen: 21.877 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

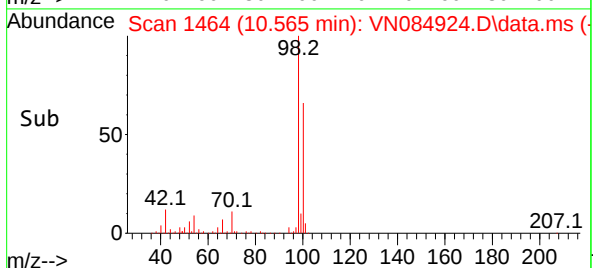
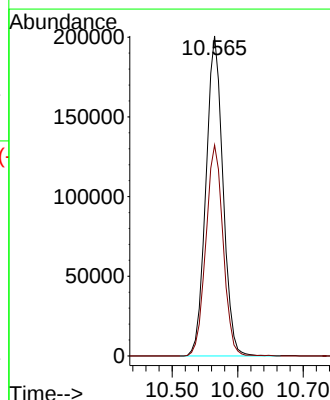
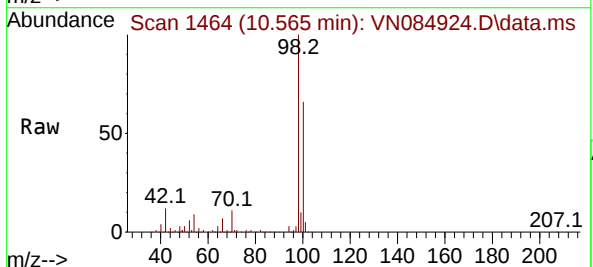
Instrument :
MSVOA_N
ClientSampleId :

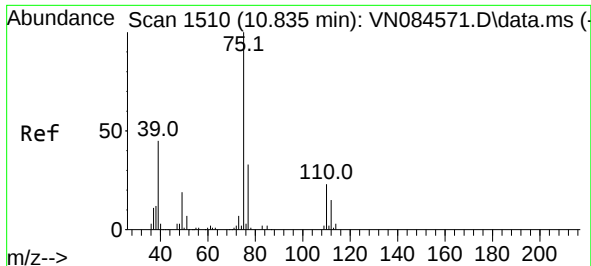
Tgt Ion:130 Resp: 47544
Ion Ratio Lower Upper
130 100
95 101.6 0.0 203.0



#50
Toluene-d8
Concen: 46.479 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

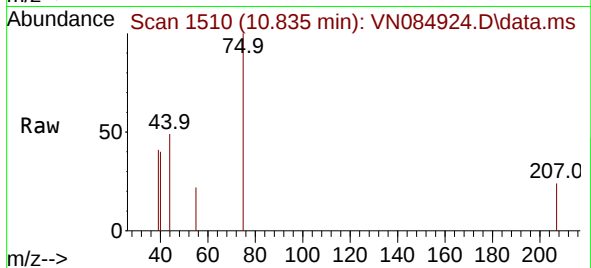
Tgt Ion: 98 Resp: 362247
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1



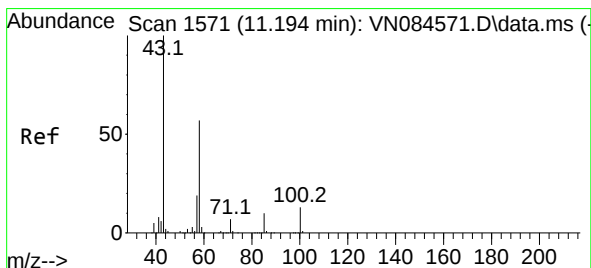
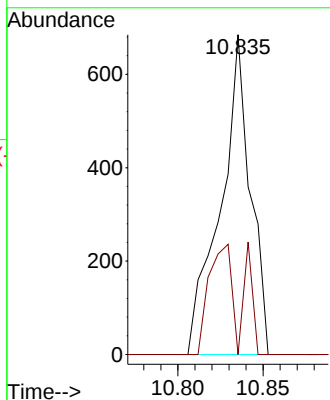
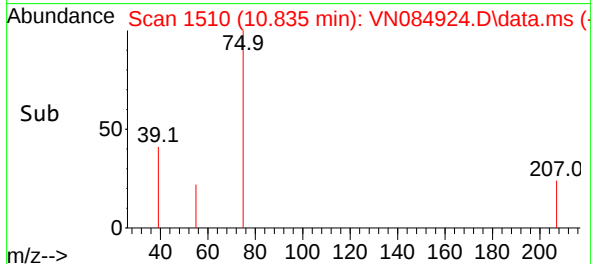


#53
t-1,3-Dichloropropene
Concen: 0.245 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

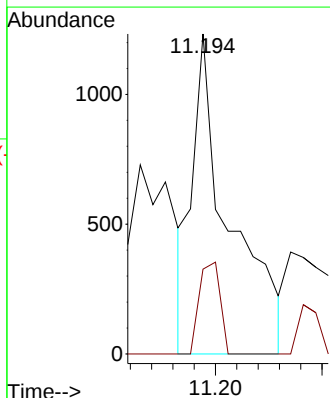
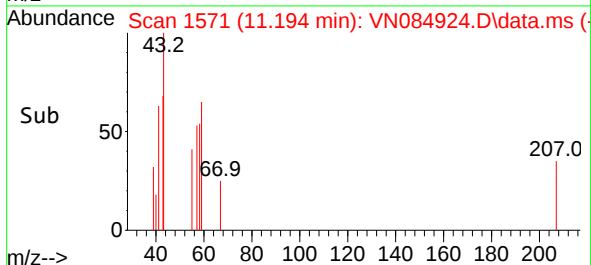
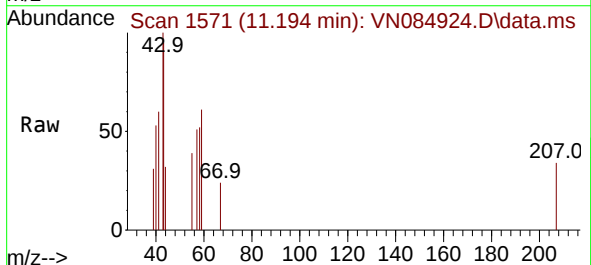


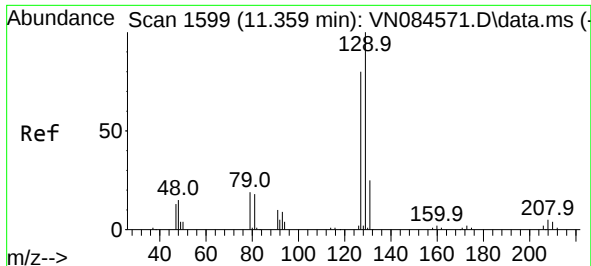
Tgt Ion: 75 Resp: 834
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#59
2-Hexanone
Concen: 0.810 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 16.0 27.3 81.8#

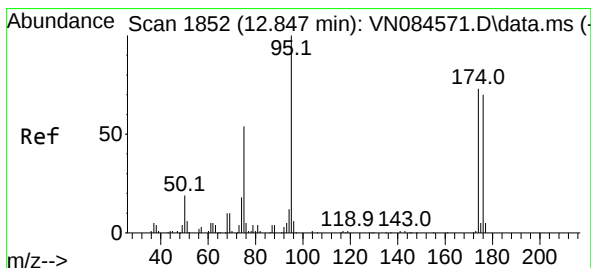
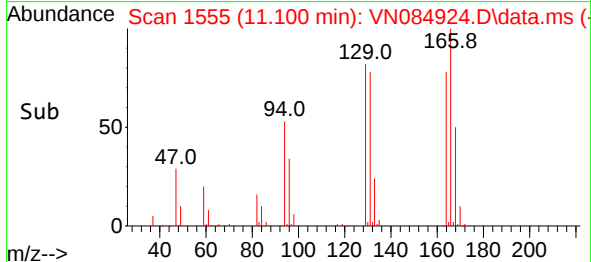
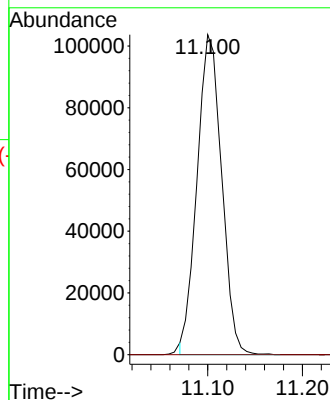
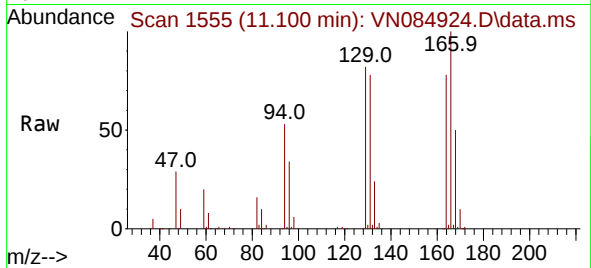




#60
Dibromochloromethane
Concen: 78.882 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

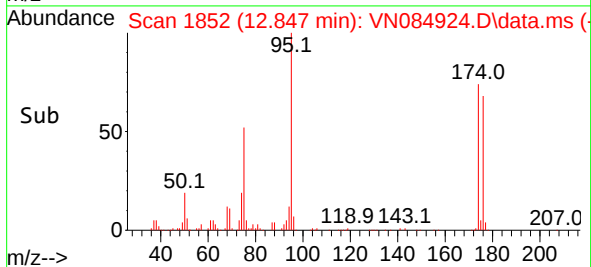
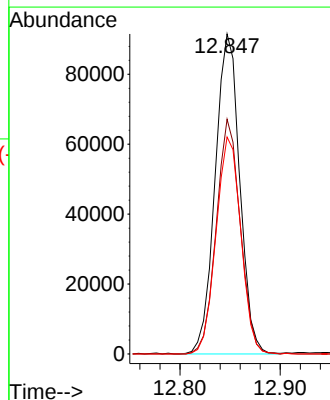
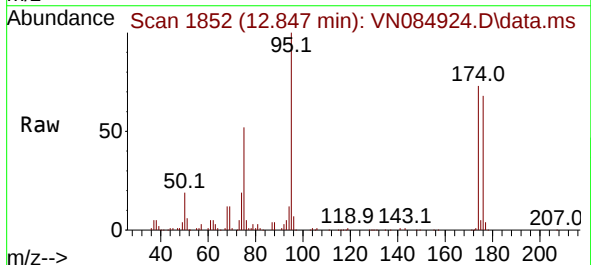
Instrument :
MSVOA_N
ClientSampleId :

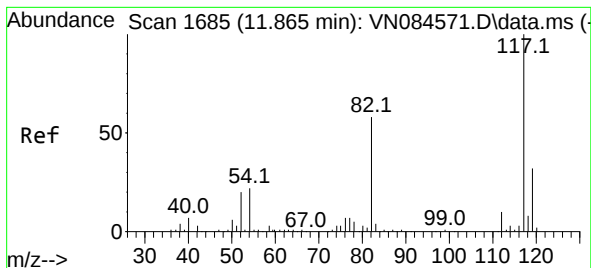
Tgt Ion:129 Resp: 186639
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 53.469 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 95 Resp: 155743
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.2
176 68.2 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

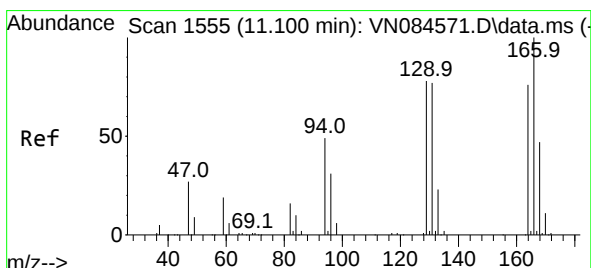
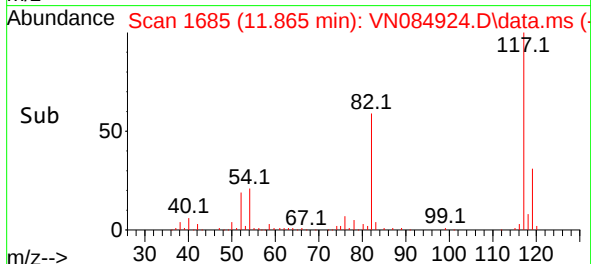
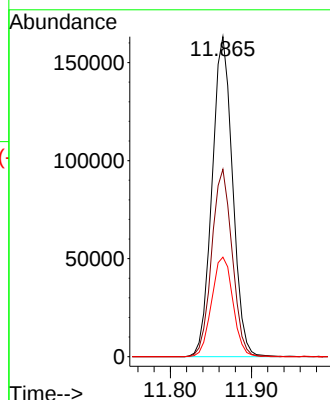
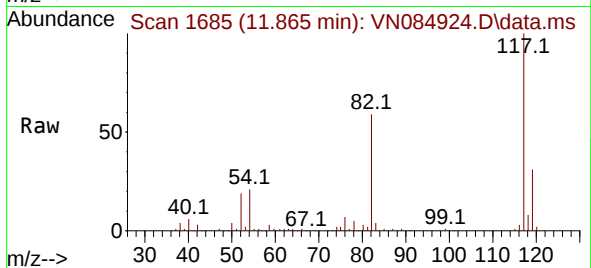
Tgt Ion:117 Resp: 285945

Ion Ratio Lower Upper

117 100

82 58.6 47.2 70.8

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 97.865 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Tgt Ion:164 Resp: 186140

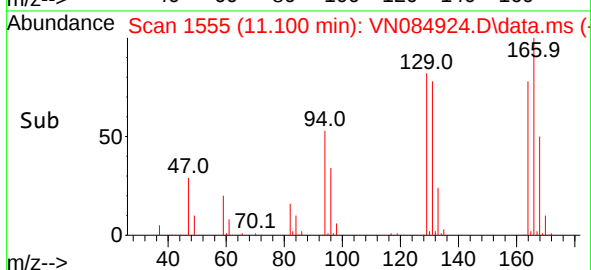
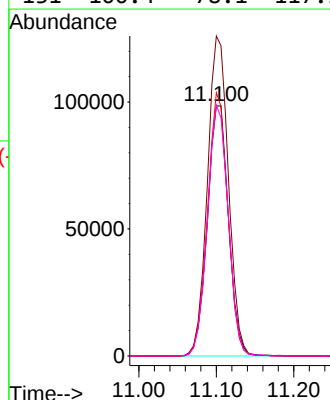
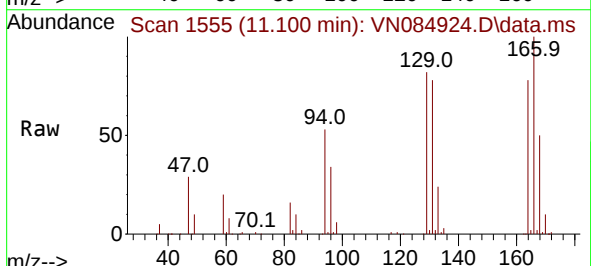
Ion Ratio Lower Upper

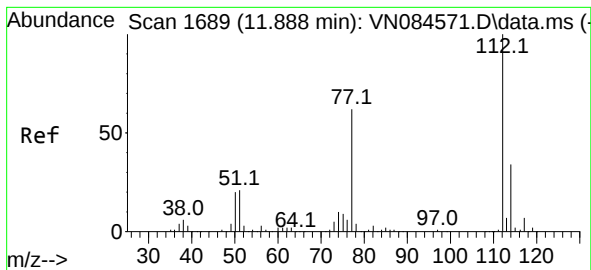
164 100

166 128.0 101.0 151.4

129 105.3 80.8 121.2

131 100.4 78.1 117.1





#65

Chlorobenzene

Concen: 0.980 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

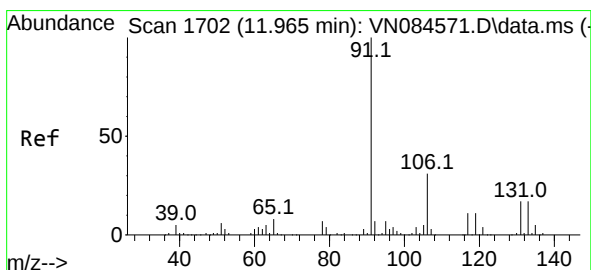
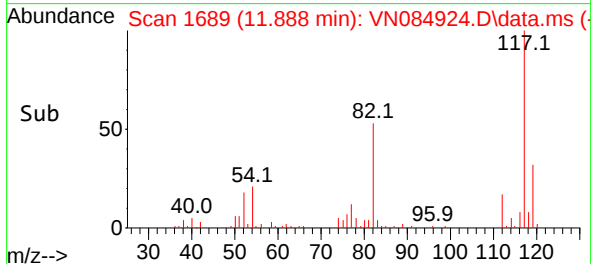
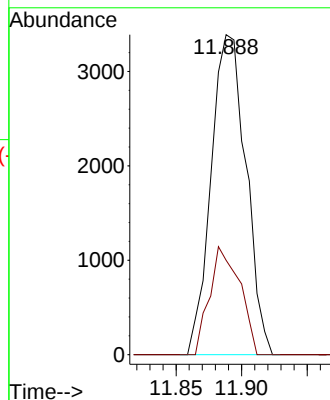
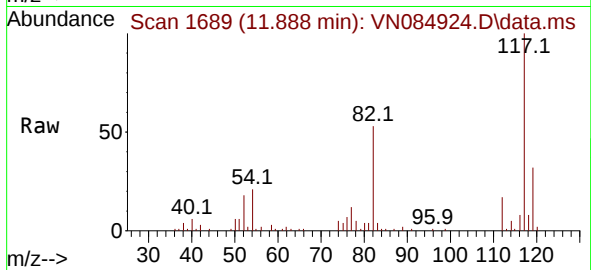
ClientSampleId :

Tgt Ion:112 Resp: 6267

Ion Ratio Lower Upper

112 100

114 29.5 27.0 40.6



#67

Ethyl Benzene

Concen: 0.257 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084924.D

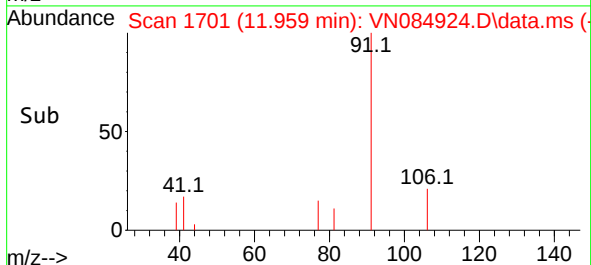
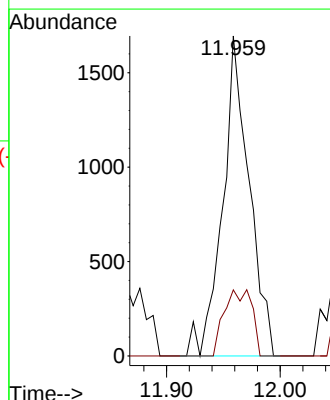
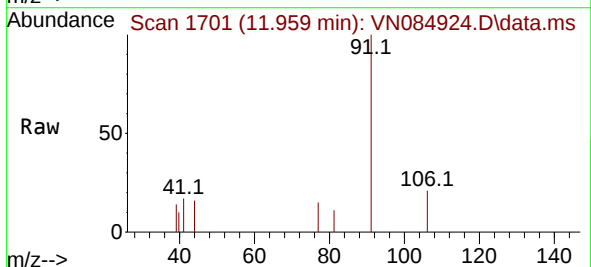
Acq: 18 Nov 2024 16:52

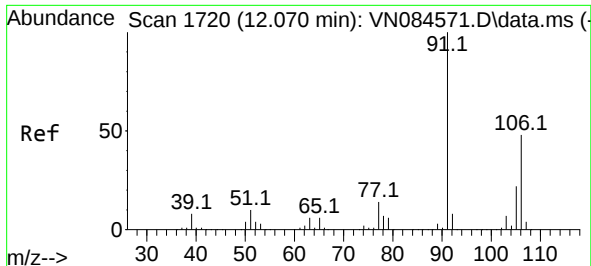
Tgt Ion: 91 Resp: 2747

Ion Ratio Lower Upper

91 100

106 20.6 24.5 36.7#

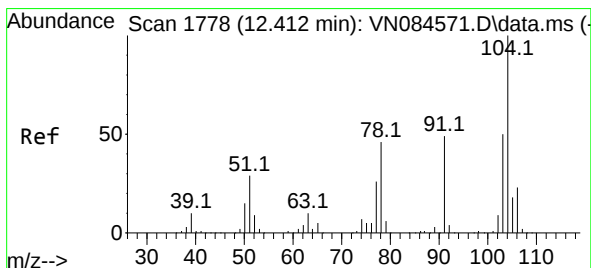
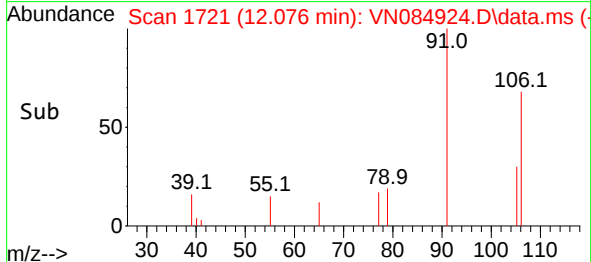
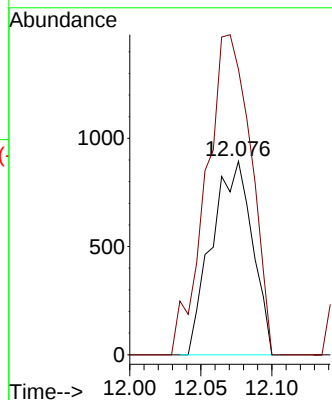
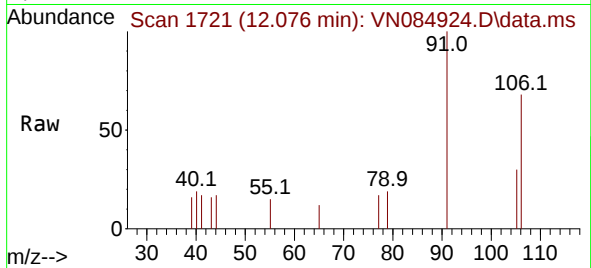




#68
m/p-Xylenes
Concen: 0.440 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

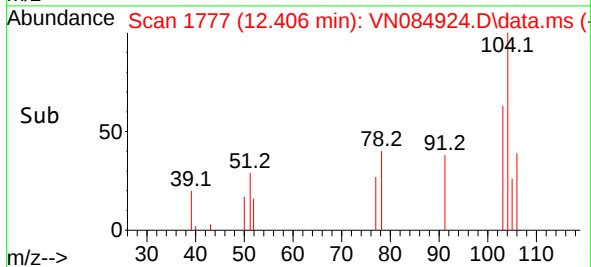
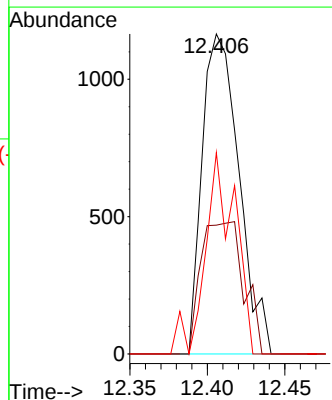
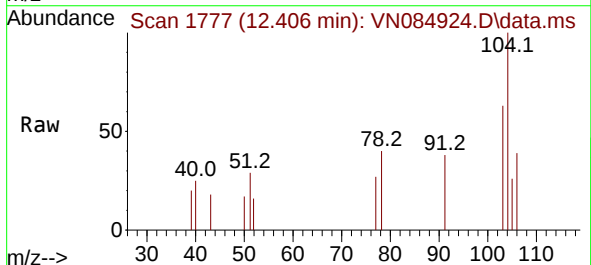
Instrument :
MSVOA_N
ClientSampleId :

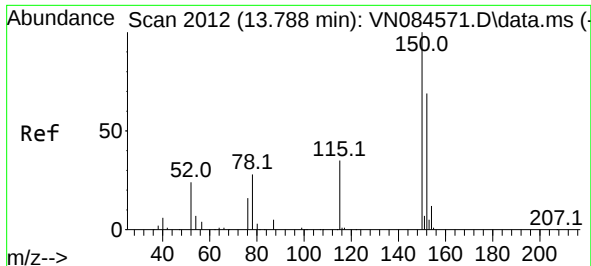
Tgt Ion:106 Resp: 1779
Ion Ratio Lower Upper
106 100
91 182.5 167.1 250.7



#70
Styrene
Concen: 0.291 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion:104 Resp: 1923
Ion Ratio Lower Upper
104 100
78 47.9 42.7 64.1
103 51.5 43.6 65.4

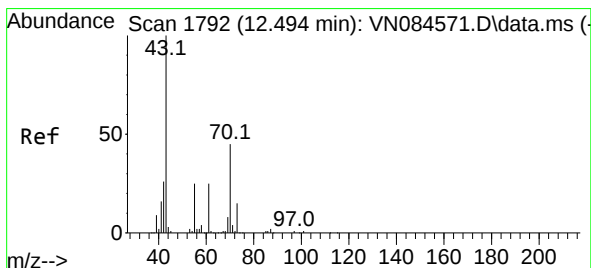
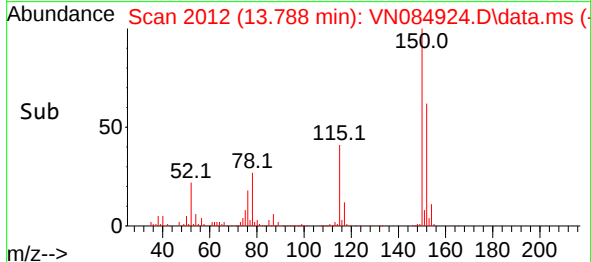
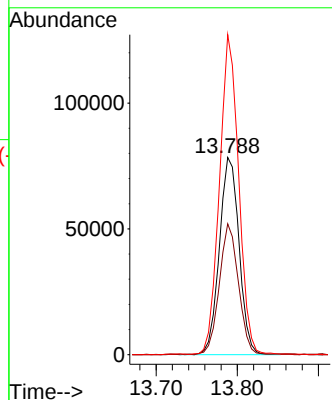
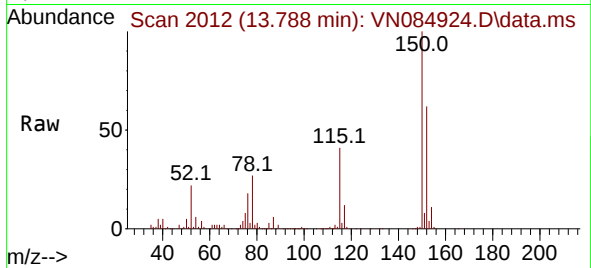




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

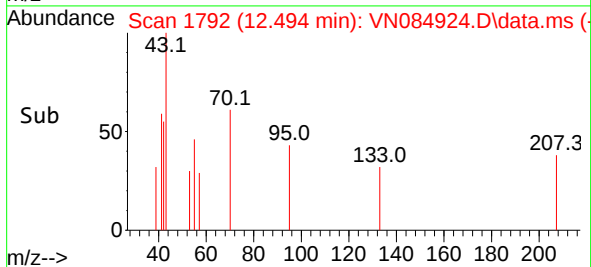
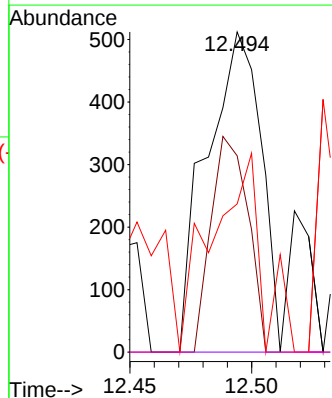
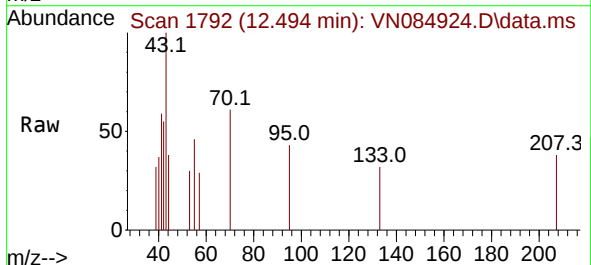
Instrument :
MSVOA_N
ClientSampleId :

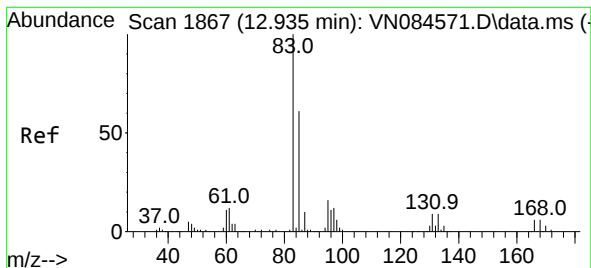
Tgt Ion:152 Resp: 132563
Ion Ratio Lower Upper
152 100
115 64.2 31.3 93.9
150 158.3 0.0 349.8



#74
N-ethyl acetate
Concen: 0.201 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
70 46.0 34.4 51.6
55 57.5 19.6 29.4#
61 0.0 19.6 29.4#

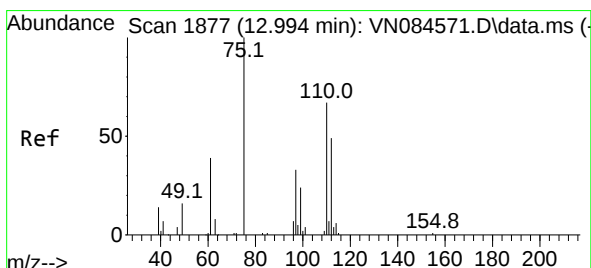
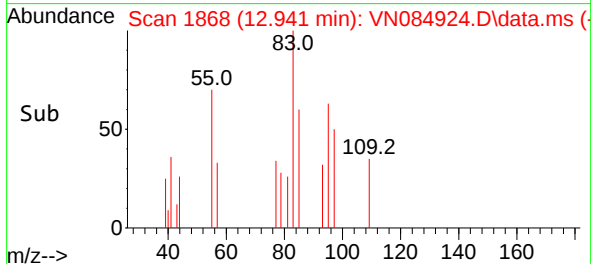
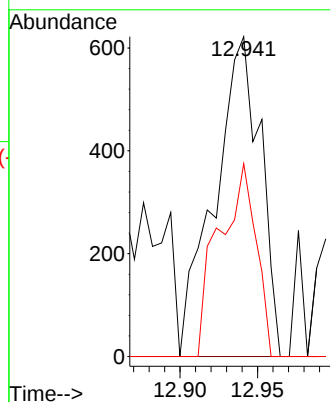
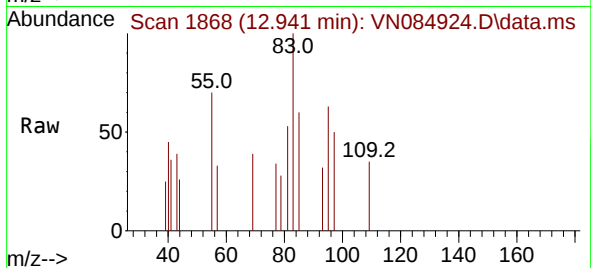




#75
1,1,2,2-Tetrachloroethane
Concen: 0.412 ug/l
RT: 12.941 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

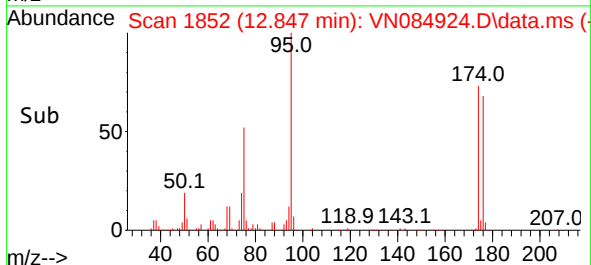
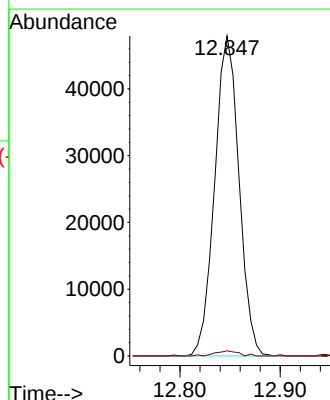
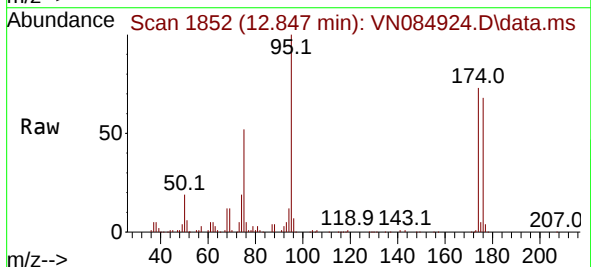
Instrument :
MSVOA_N
ClientSampleId :

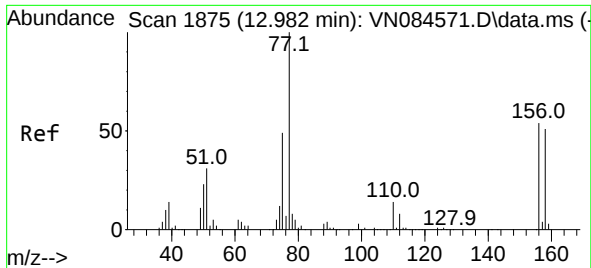
Tgt Ion: 83 Resp: 1278
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 48.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 30.429 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 75 Resp: 80633
Ion Ratio Lower Upper
75 100
77 1.6 96.9 290.7#

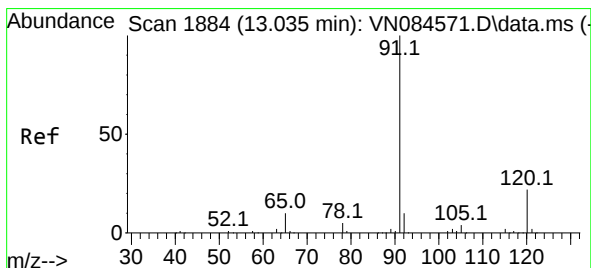
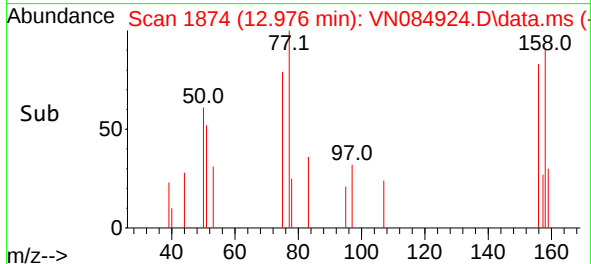
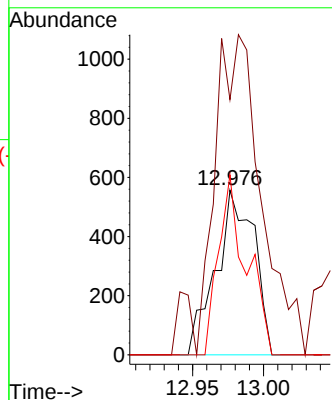
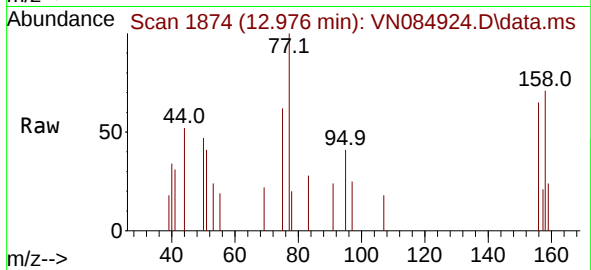




#77
Bromobenzene
Concen: 0.418 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

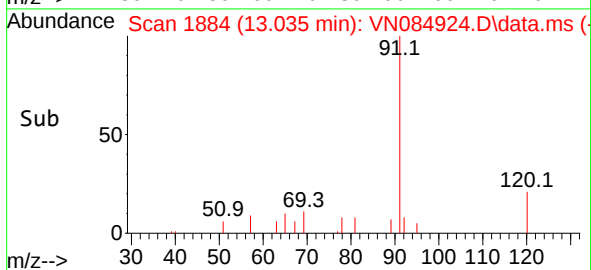
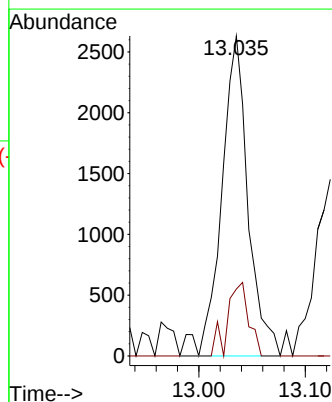
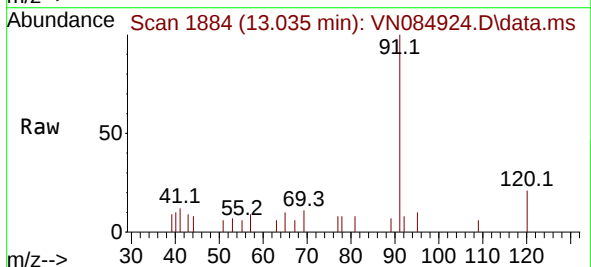
Instrument :
MSVOA_N
ClientSampleId :

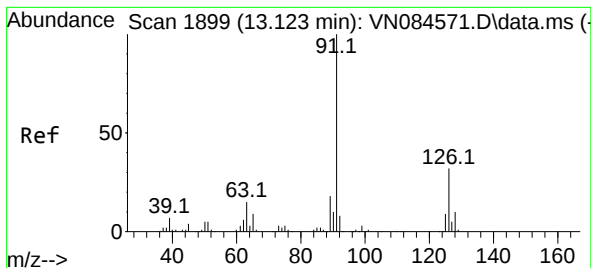
Tgt Ion:156 Resp: 1043
Ion Ratio Lower Upper
156 100
77 247.8 115.1 345.3
158 80.1 48.9 146.8



#78
n-propylbenzene
Concen: 0.419 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 91 Resp: 4558
Ion Ratio Lower Upper
91 100
120 18.3 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.409 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

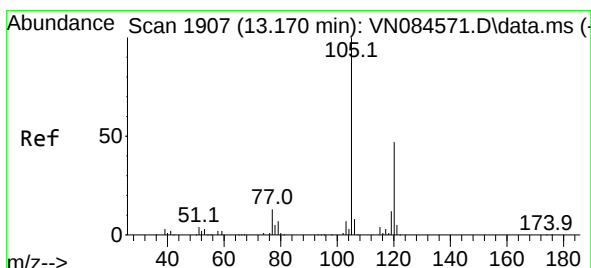
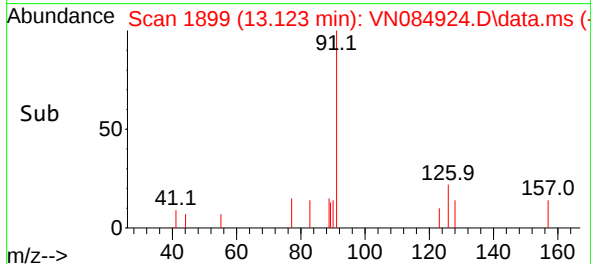
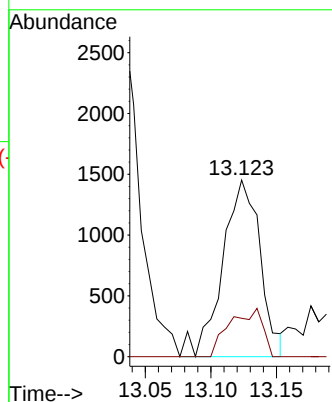
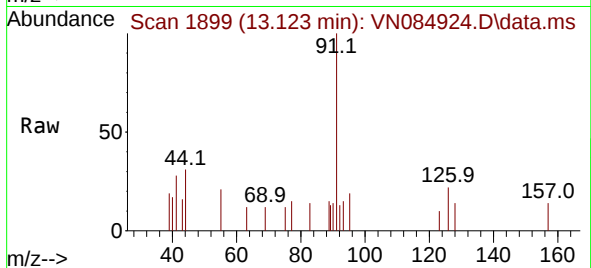
ClientSampleId :

Tgt Ion: 91 Resp: 2912

Ion Ratio Lower Upper

91 100

126 24.0 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.272 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084924.D

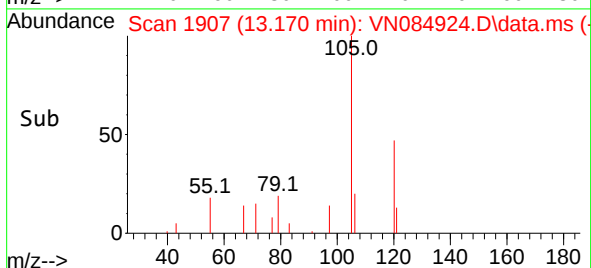
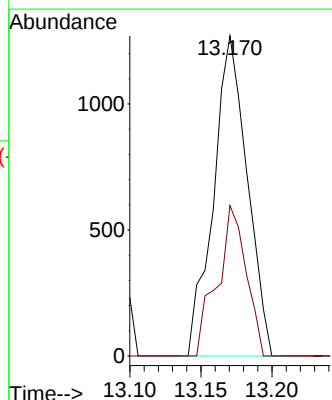
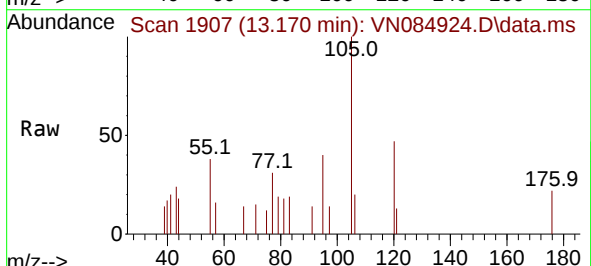
Acq: 18 Nov 2024 16:52

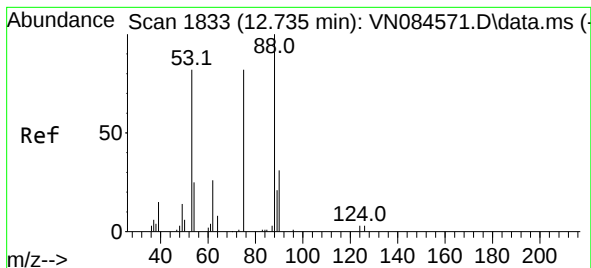
Tgt Ion: 105 Resp: 2097

Ion Ratio Lower Upper

105 100

120 40.3 23.7 71.1

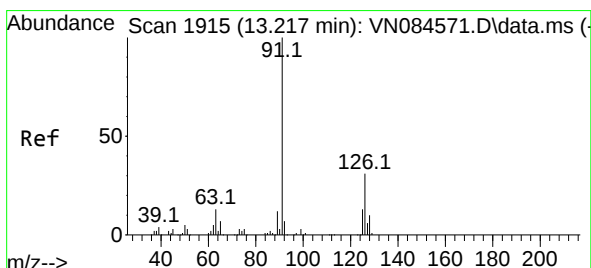
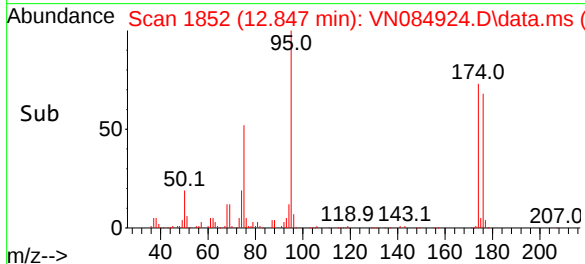
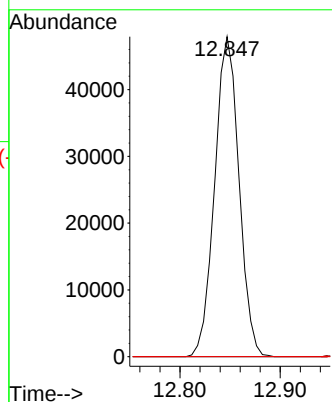
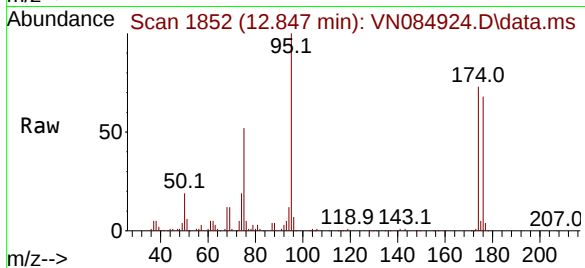




#81
trans-1,4-Dichloro-2-butene
Concen: 72.190 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

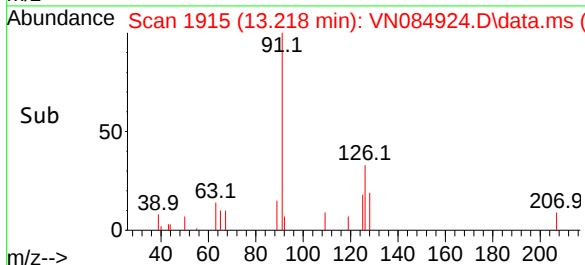
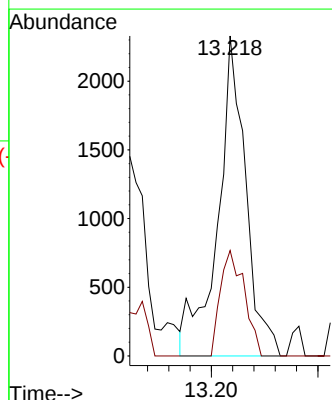
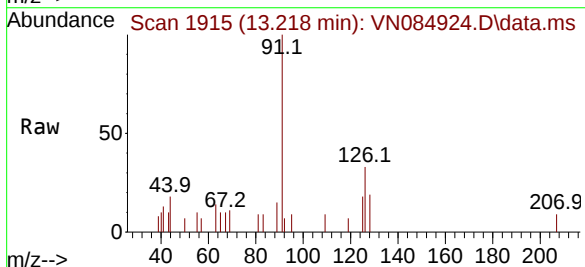
Instrument :
MSVOA_N
ClientSampleId :

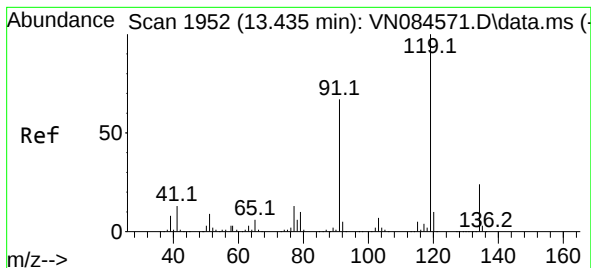
Tgt Ion: 75 Resp: 80633
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.565 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Tgt Ion: 91 Resp: 4226
Ion Ratio Lower Upper
91 100
126 28.3 15.7 47.1





#83

tert-Butylbenzene

Concen: 0.215 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

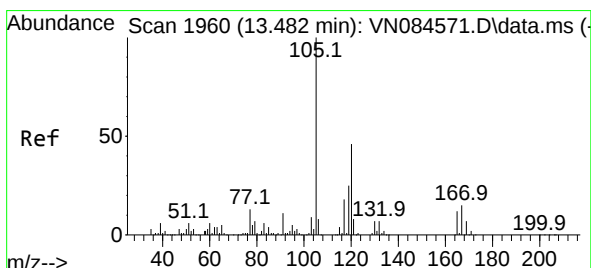
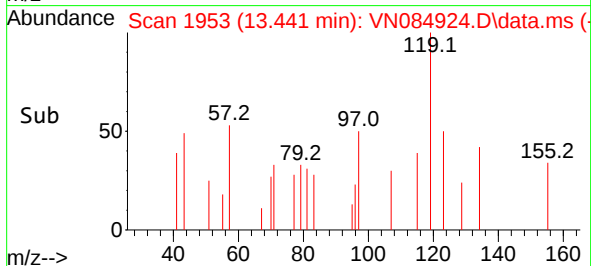
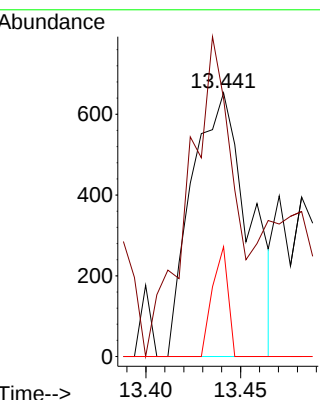
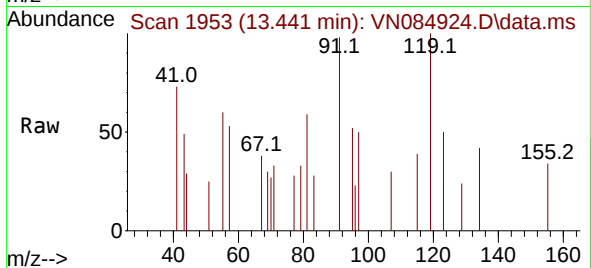
Tgt Ion:119 Resp: 1370

Ion Ratio Lower Upper

119 100

91 102.0 34.1 102.3

134 11.5 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.279 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084924.D

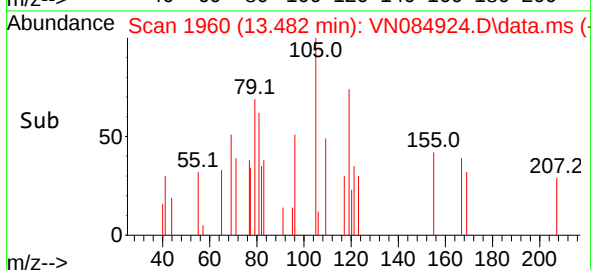
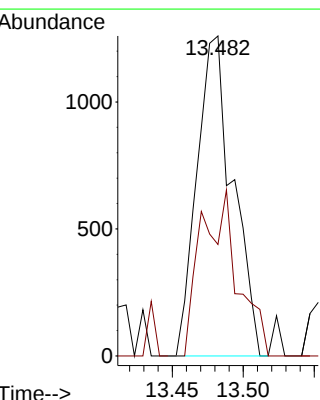
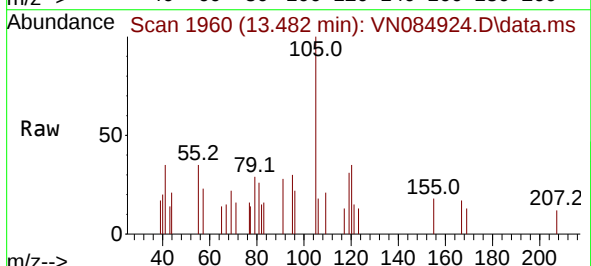
Acq: 18 Nov 2024 16:52

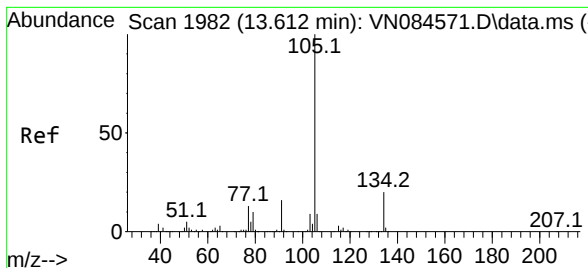
Tgt Ion:105 Resp: 2215

Ion Ratio Lower Upper

105 100

120 53.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.408 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

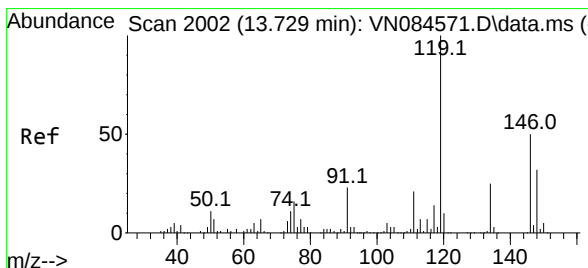
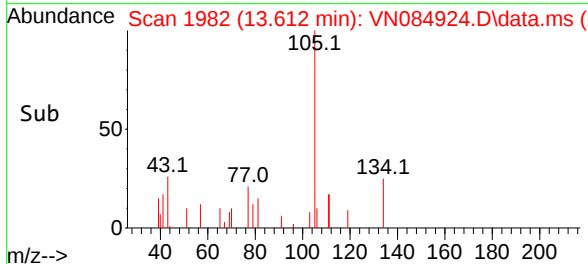
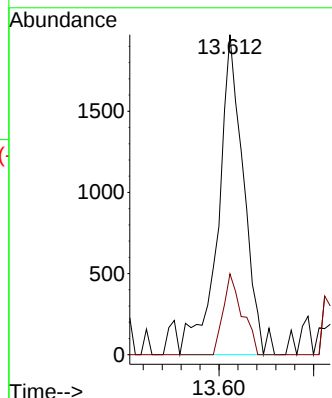
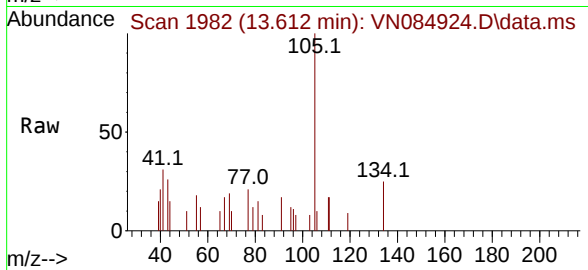
ClientSampleId :

Tgt Ion:105 Resp: 3673

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.391 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

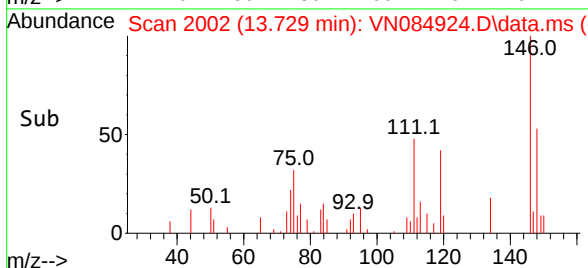
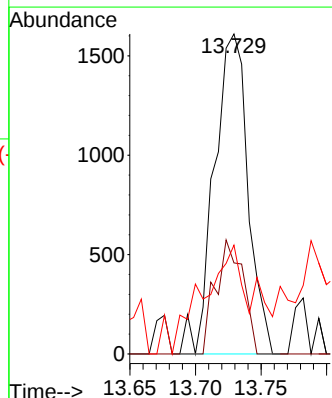
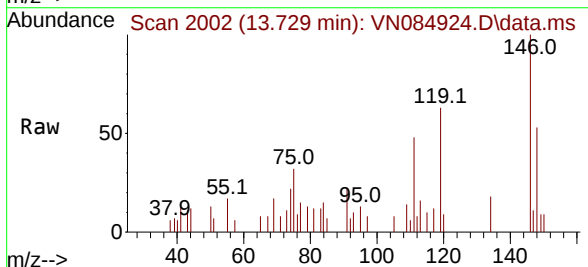
Tgt Ion:119 Resp: 2888

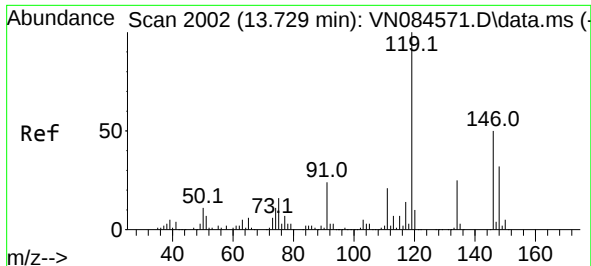
Ion Ratio Lower Upper

119 100

134 29.0 12.6 37.8

91 42.2 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.966 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

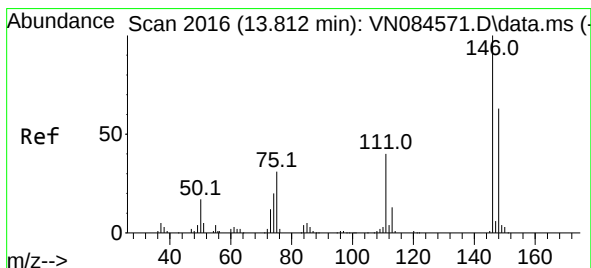
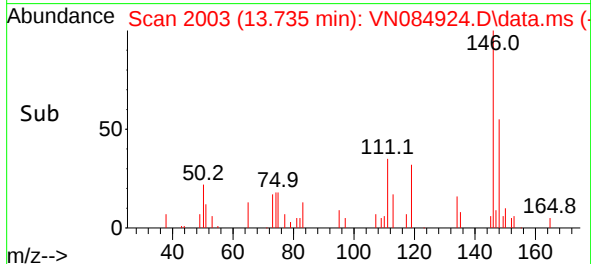
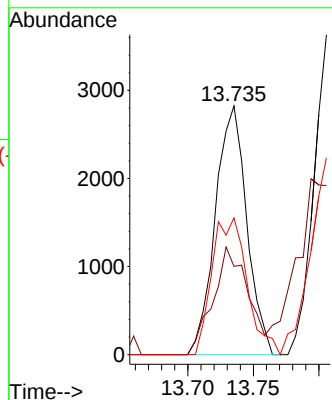
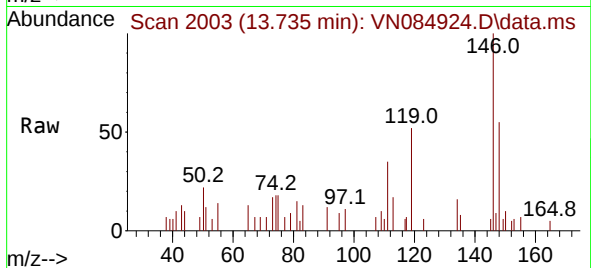
Tgt Ion:146 Resp: 4707

Ion Ratio Lower Upper

146 100

111 48.3 21.8 65.3

148 61.4 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.208 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.077 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

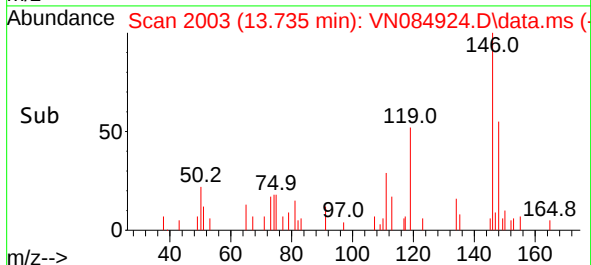
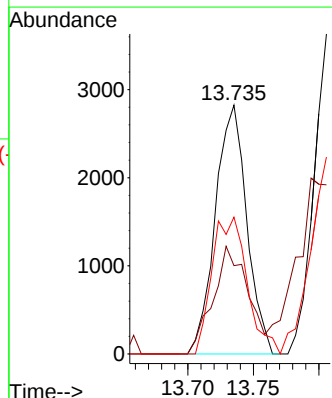
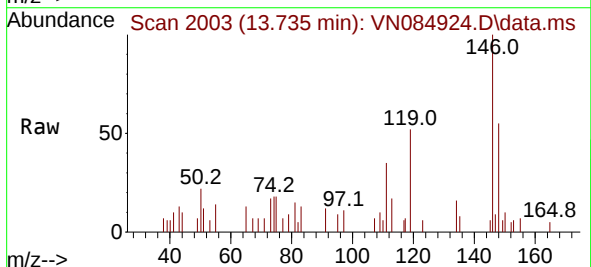
Tgt Ion:146 Resp: 4707

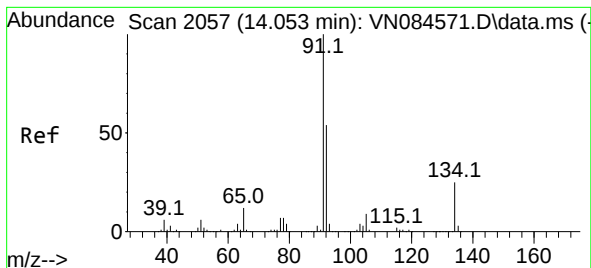
Ion Ratio Lower Upper

146 100

111 48.3 21.2 63.6

148 61.4 31.9 95.9





#89

n-Butylbenzene

Concen: 0.754 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084924.D

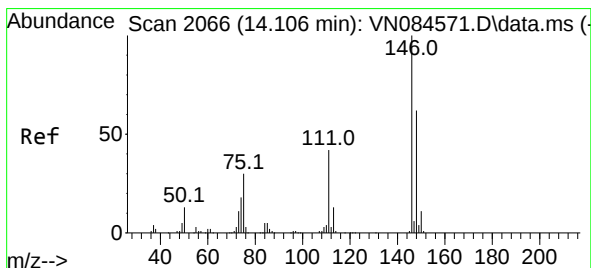
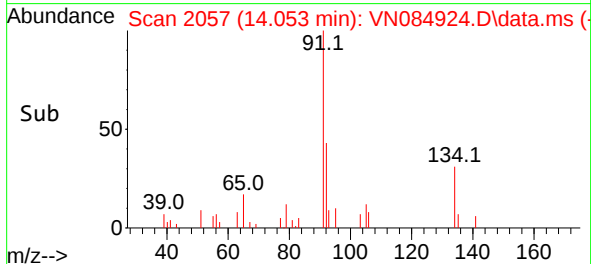
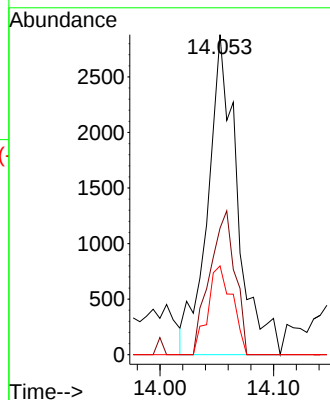
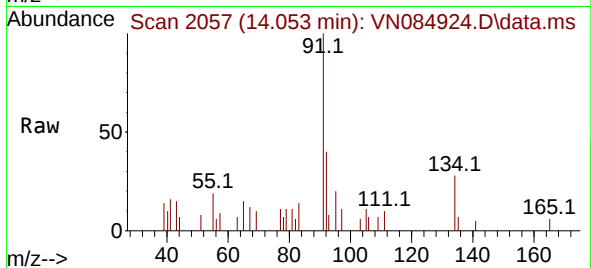
Acq: 18 Nov 2024 16:52

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	5207
Ion	Ratio	Lower	Upper
91	100		
92	38.5	26.6	79.7
134	22.9	12.3	36.9



#91

1,2-Dichlorobenzene

Concen: 2.504 ug/l

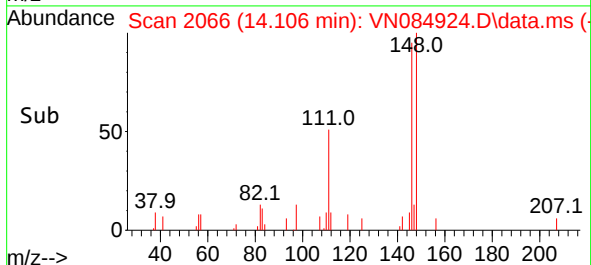
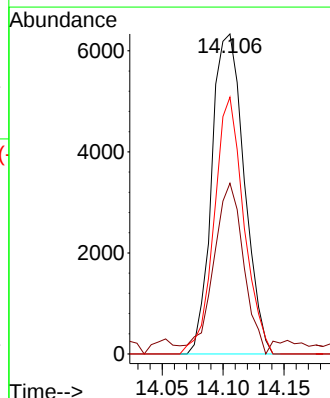
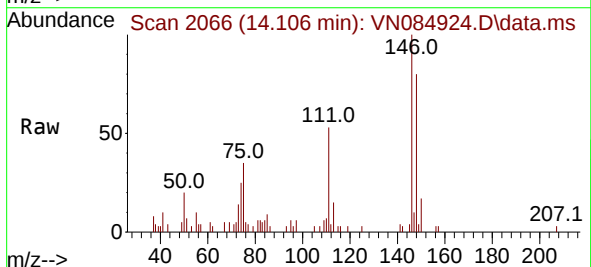
RT: 14.106 min Scan# 2066

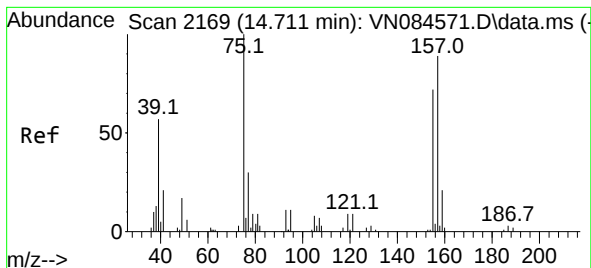
Delta R.T. 0.000 min

Lab File: VN084924.D

Acq: 18 Nov 2024 16:52

Tgt Ion:	146	Resp:	11726
Ion	Ratio	Lower	Upper
146	100		
111	49.4	22.0	66.0
148	73.5	32.1	96.3

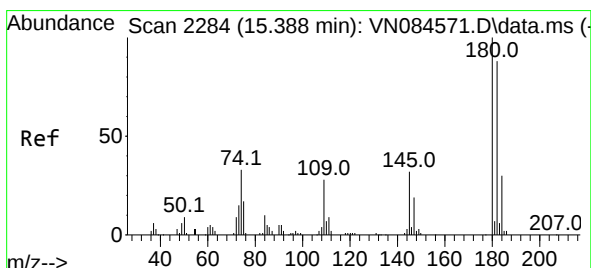
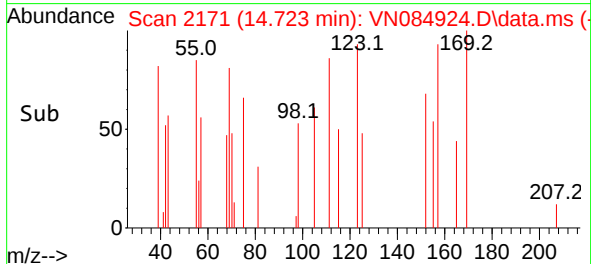
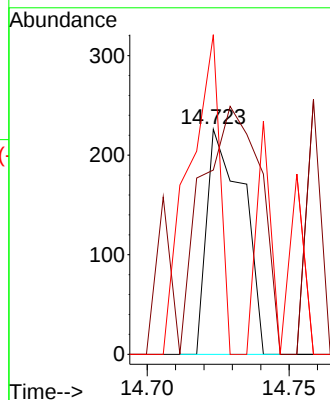
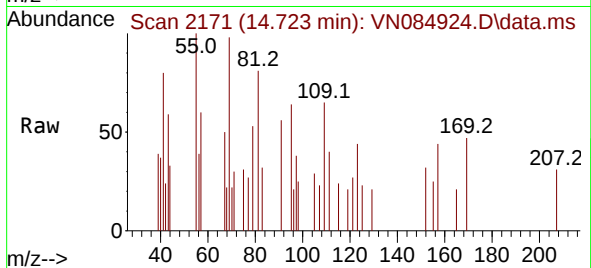




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.322 ug/l
RT: 14.723 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

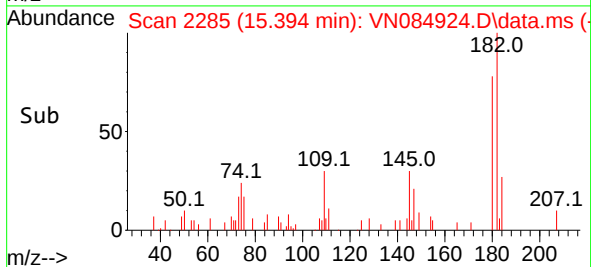
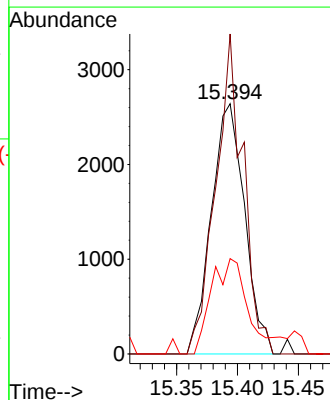
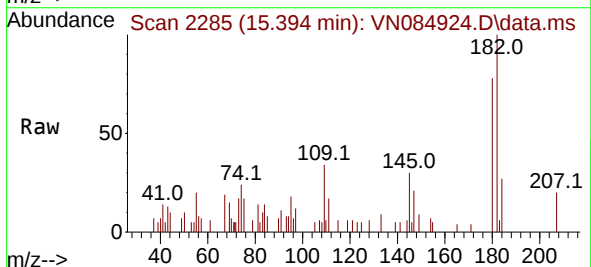
Instrument :
MSVOA_N
ClientSampleId :

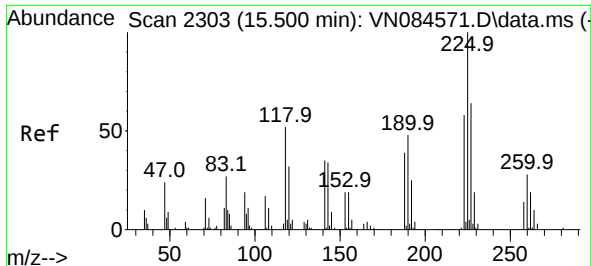
Tgt Ion	Ratio	Lower	Upper
75	100		
155	204.5	38.1	114.5#
157	121.3	49.6	149.0



#93
1,2,4-Trichlorobenzene
Concen: 1.966 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

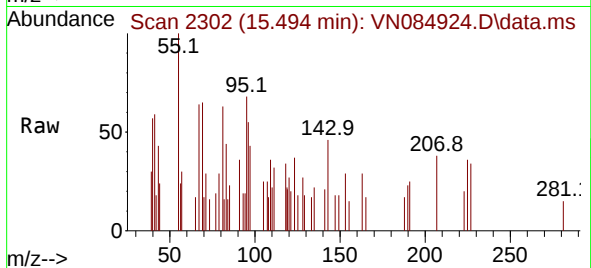
Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.7	47.0	141.0
145	41.5	16.4	49.4



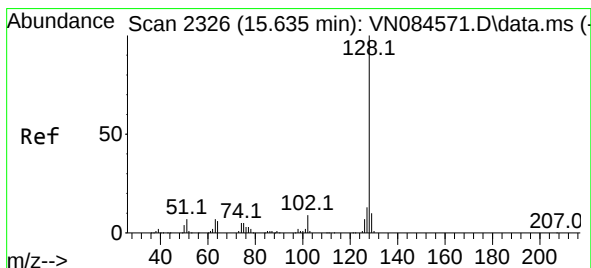
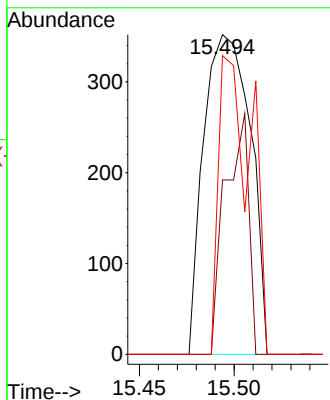
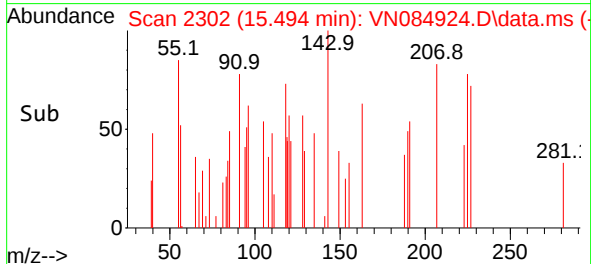


#94
Hexachlorobutadiene
Concen: 0.537 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

Instrument :
MSVOA_N
ClientSampleId :

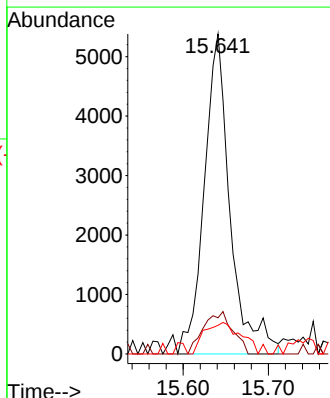
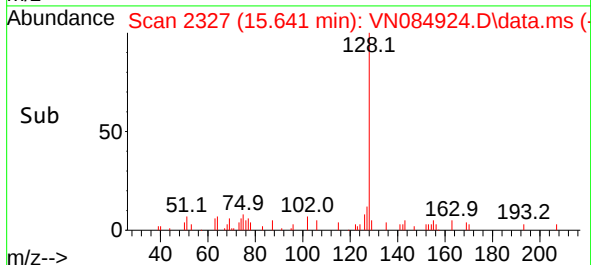
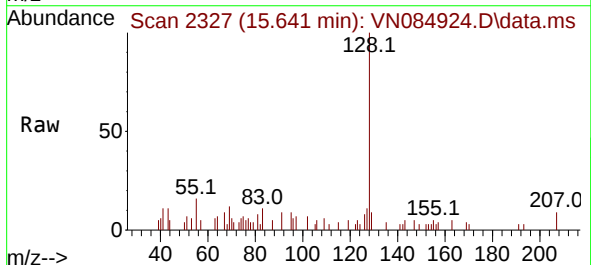


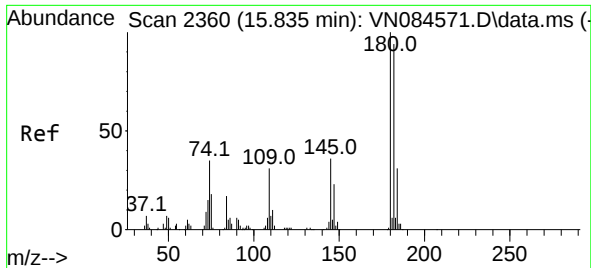
Tgt Ion:225 Resp: 604
Ion Ratio Lower Upper
225 100
223 37.9 32.4 97.2
227 64.6 32.4 97.0



#95
Naphthalene
Concen: 1.478 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084924.D
Acq: 18 Nov 2024 16:52

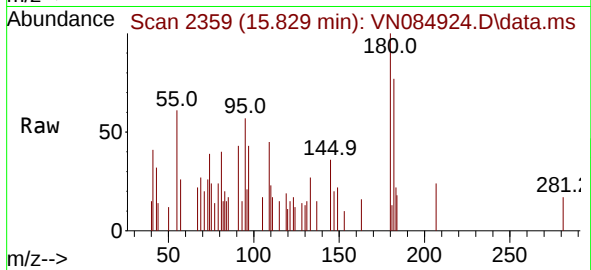
Tgt Ion:128 Resp: 11339
Ion Ratio Lower Upper
128 100
127 14.9 10.5 15.7
129 14.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.256 ug/l
 RT: 15.829 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN084924.D
 Acq: 18 Nov 2024 16:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3125
Ion	Ratio	Lower	Upper
180	100		
182	85.7	48.2	144.6
145	44.3	17.3	51.9

