

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111824\
 Data File : VN084920.D
 Acq On : 18 Nov 2024 15:16
 Operator : JC\MD
 Sample : P4843-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 00:27:21 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	173985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	121923	48.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.040%		
35) Dibromofluoromethane	8.159	113	97380	47.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.565	98	364528	48.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.847	95	159371	56.290	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	112.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1063	Below Cal	#	84
6) Chloroethane	3.124	64	237	Below Cal	#	45
11) Tert butyl alcohol	5.553	59	17416	52.505	ug/l	95
16) Acetone	4.430	43	44797	59.540	ug/l	100
17) Carbon Disulfide	4.700	76	3016	0.494	ug/l	# 75
18) Methyl Acetate	5.024	43	3652	Below Cal	#	60
20) Methylene Chloride	5.265	84	2073	0.938	ug/l	# 78
25) 2-Butanone	7.488	43	5975	5.097	ug/l	96
28) Bromochloromethane	7.959	49	2096	1.372	ug/l	# 15
30) Chloroform	7.959	83	27144	6.957	ug/l	95
31) Cyclohexane	8.224	56	5805	1.673	ug/l	# 8
36) 1,1-Dichloropropene	8.224	75	15292	5.362	ug/l	# 51
37) Ethyl Acetate	7.488	43	5975	2.309	ug/l	# 83
38) Carbon Tetrachloride	8.224	117	18541	5.816	ug/l	# 13
39) Methylcyclohexane	9.600	83	1741	0.600	ug/l	# 75
40) Benzene	8.600	78	232505	25.384	ug/l	99
43) Isopropyl Acetate	8.688	43	1383	Below Cal	#	56
44) Trichloroethene	9.347	130	680	0.322	ug/l	54
47) Bromodichloromethane	9.894	83	1568	0.491	ug/l	# 77
48) Methyl methacrylate	9.647	41	1291	0.641	ug/l	# 40
51) 4-Methyl-2-Pentanone	10.441	43	1818	0.737	ug/l	# 77
52) Toluene	10.629	92	9778	1.825	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	968	0.293	ug/l	92
59) 2-Hexanone	11.200	43	2348	1.308	ug/l	# 60
65) Chlorobenzene	11.888	112	1892	0.300	ug/l	# 69
67) Ethyl Benzene	11.965	91	335981	31.939	ug/l	98
68) m/p-Xylenes	12.071	106	25300	6.353	ug/l	99
69) o-Xylene	12.394	106	25242	6.775	ug/l	92
70) Styrene	12.412	104	5448	0.838	ug/l	# 30
71) Bromoform	12.582	173	671	0.407	ug/l	# 30
73) Isopropylbenzene	12.694	105	65851	6.644	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	82476	29.172	ug/l	# 1
77) Bromobenzene	12.982	156	1393	0.523	ug/l	70
78) n-propylbenzene	13.035	91	36627	3.153	ug/l	94
79) 2-Chlorotoluene	13.217	91	5288	0.697	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	22080	2.688	ug/l	93

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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)

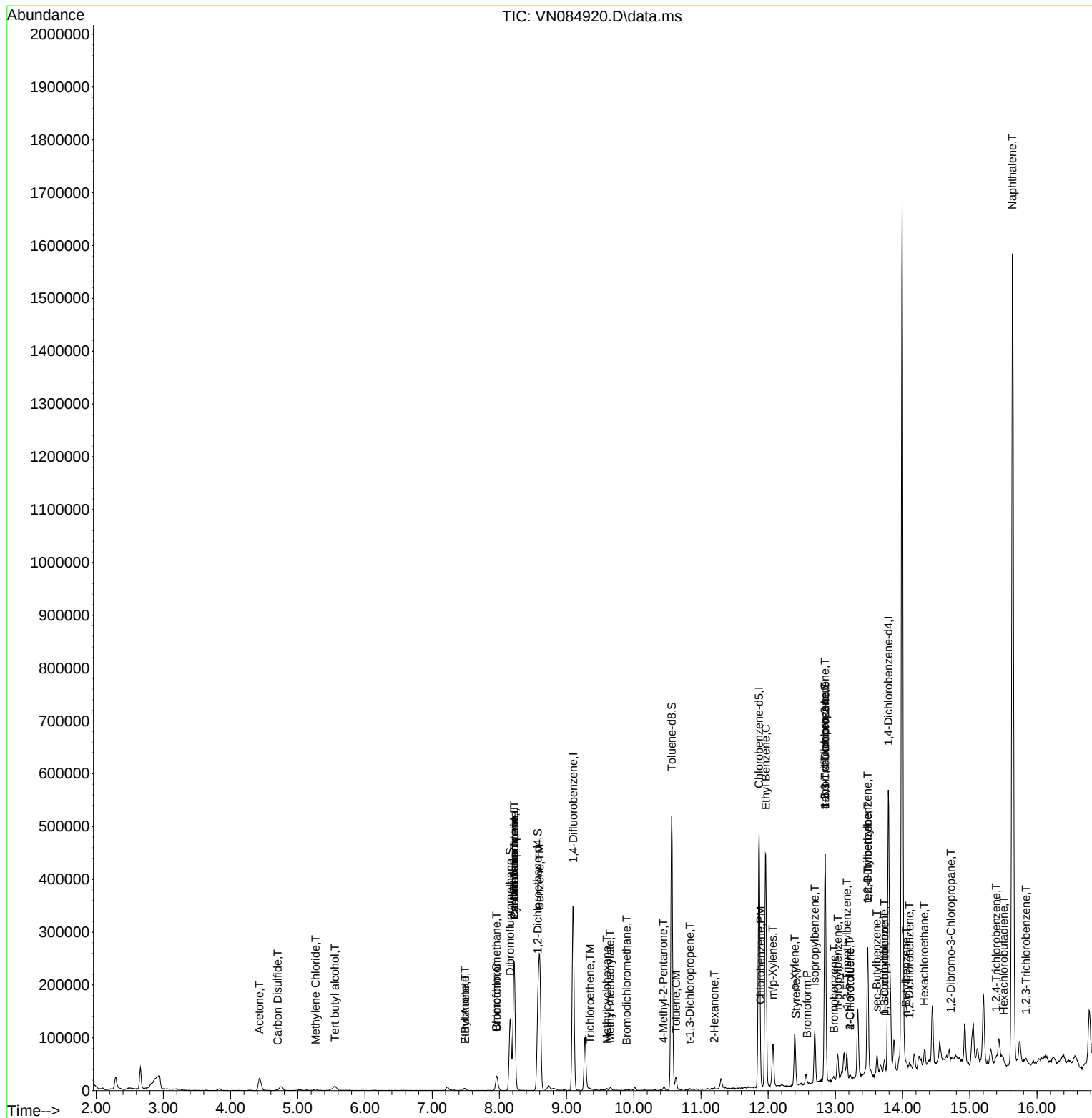
81) trans-1,4-Dichloro-2-b...	12.847	75	82476	69.207	ug/l #	11
82) 4-Chlorotoluene	13.217	91	5288	0.662	ug/l	97
83) tert-Butylbenzene	13.482	119	19060	2.803	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.482	105	137377	16.203	ug/l	100
85) sec-Butylbenzene	13.617	105	5340	0.556	ug/l #	69
86) p-Isopropyltoluene	13.729	119	7098	0.901	ug/l #	67
87) 1,3-Dichlorobenzene	13.729	146	3321	0.639	ug/l #	78
89) n-Butylbenzene	14.053	91	6478	0.879	ug/l #	79
90) Hexachloroethane	14.323	117	2144	1.221	ug/l #	40
91) 1,2-Dichlorobenzene	14.100	146	2538	0.508	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.717	75	421	0.628	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.394	180	3253	1.189	ug/l	88
94) Hexachlorobutadiene	15.506	225	705	0.587	ug/l #	67
95) Naphthalene	15.635	128	1443039	176.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	2867	1.080	ug/l	95

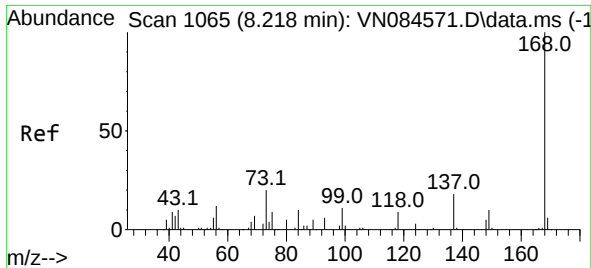
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

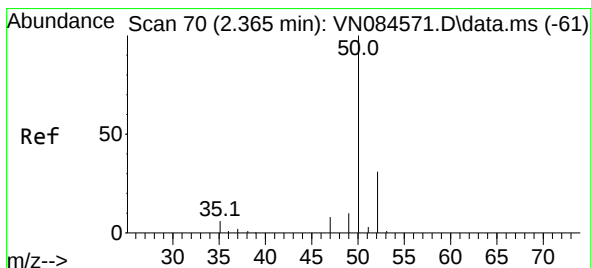
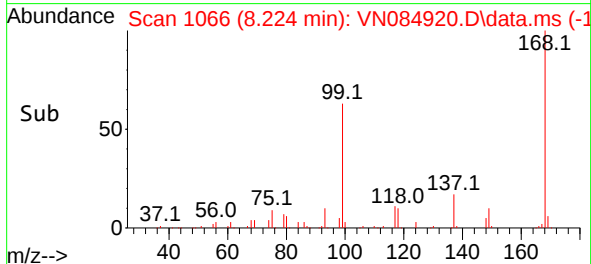
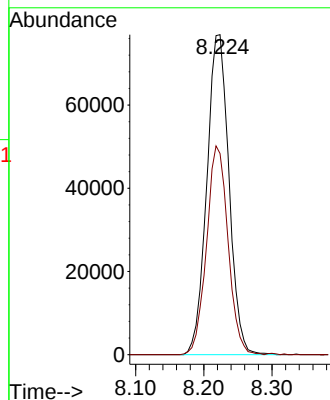
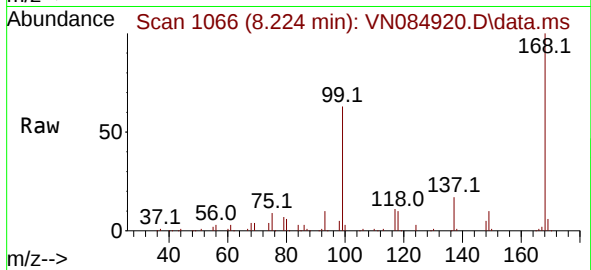




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

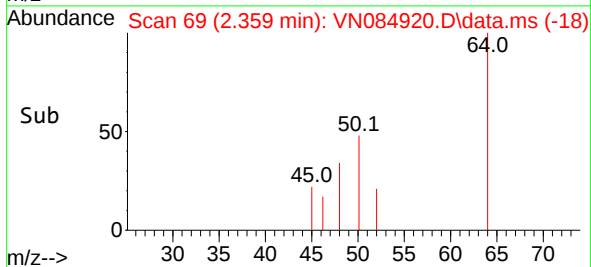
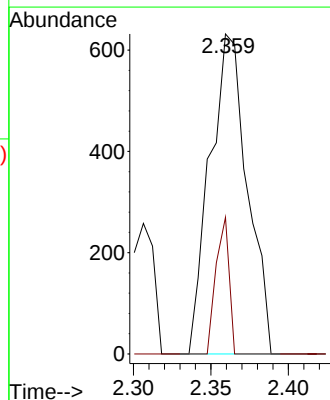
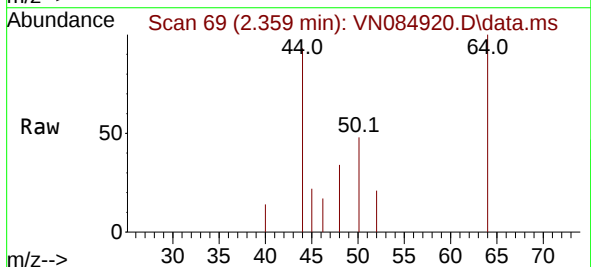
Instrument :
MSVOA_N
ClientSampleId :

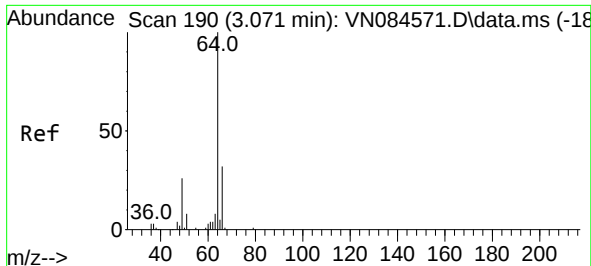
Tgt Ion:168 Resp: 173985
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 50 Resp: 1063
Ion Ratio Lower Upper
50 100
52 42.7 26.8 40.2#

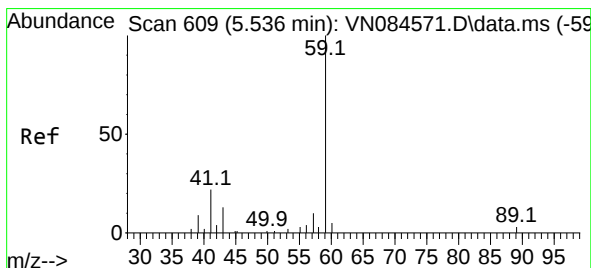
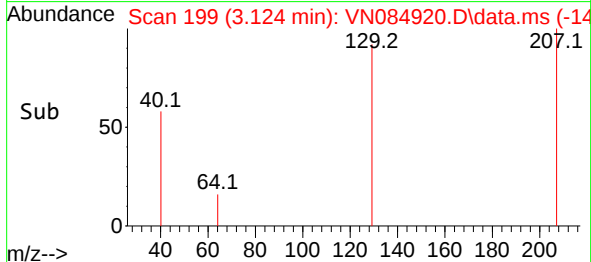
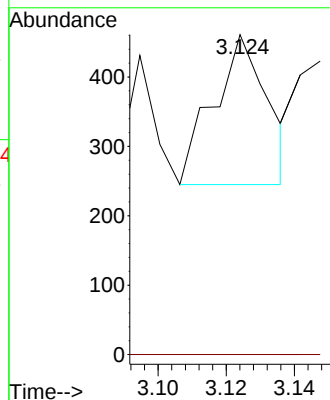
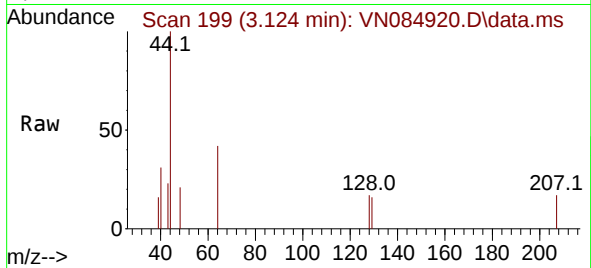




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

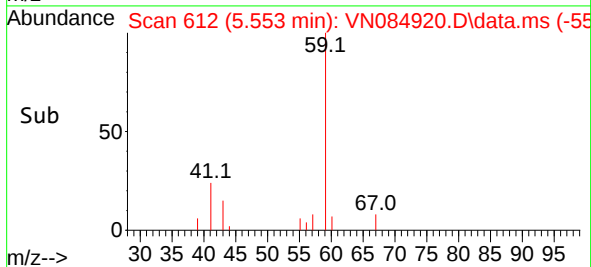
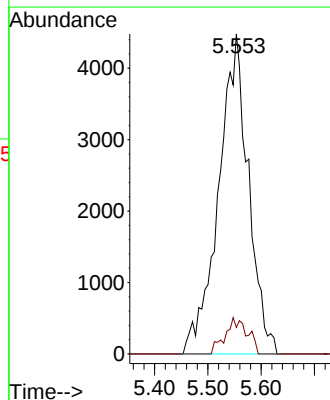
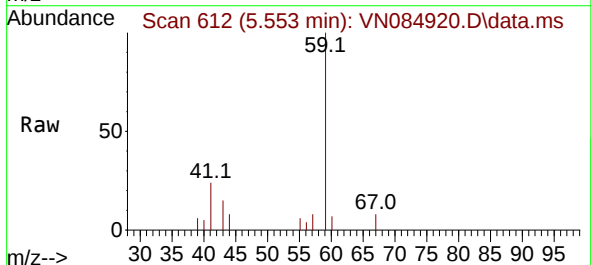
Instrument :
MSVOA_N
ClientSampleId :

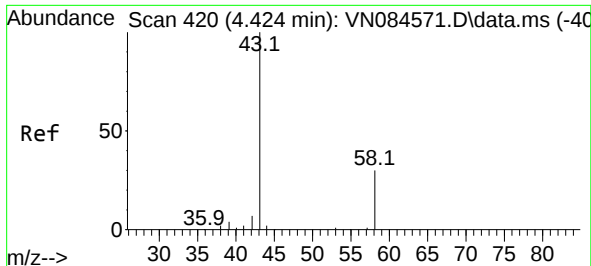
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 52.505 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.029 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 59 Resp: 17416
Ion Ratio Lower Upper
59 100
57 8.4 8.2 12.2

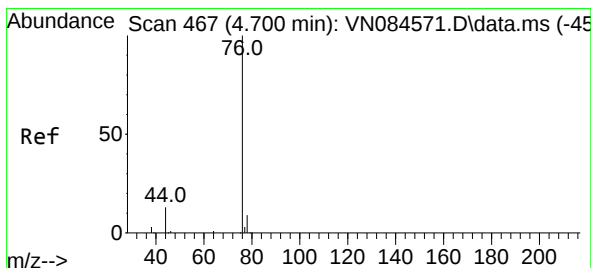
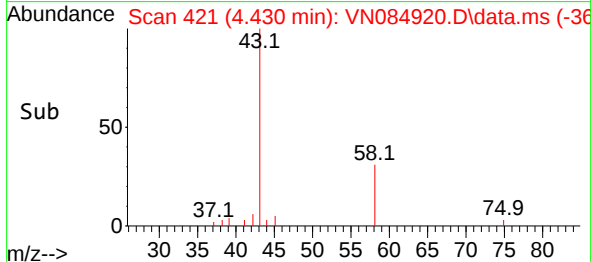
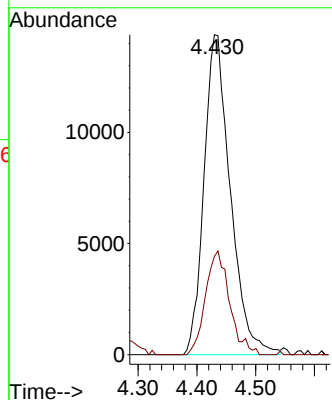
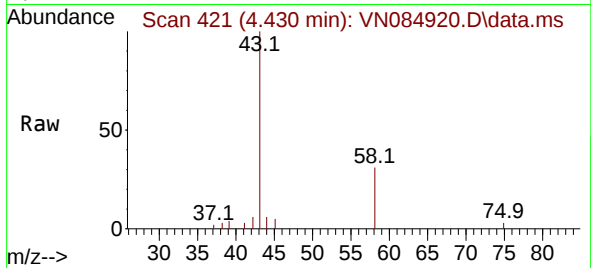




#16
Acetone
Concen: 59.540 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

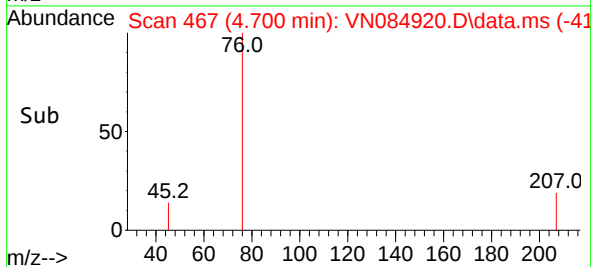
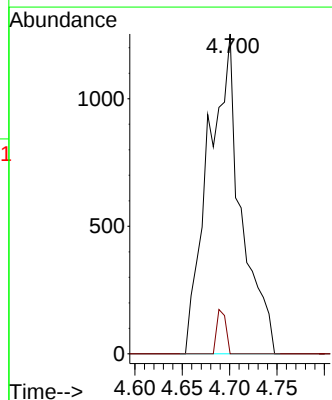
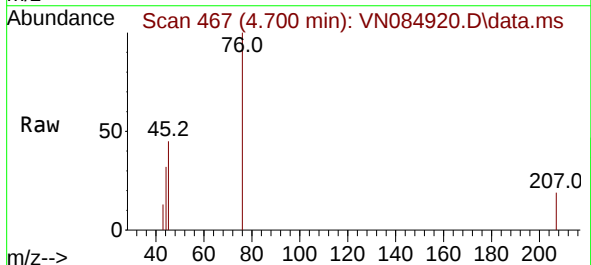
Instrument :
MSVOA_N
ClientSampleId :

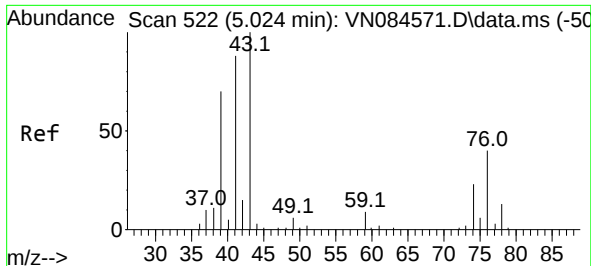
Tgt Ion: 43 Resp: 44797
Ion Ratio Lower Upper
43 100
58 30.8 24.4 36.6



#17
Carbon Disulfide
Concen: 0.494 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

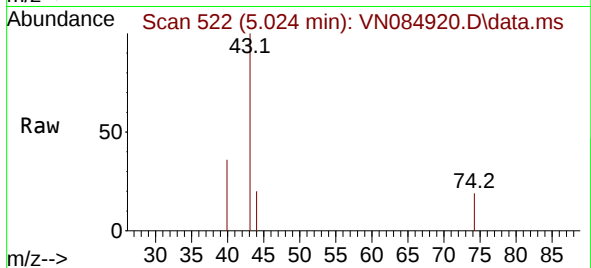
Tgt Ion: 76 Resp: 3016
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



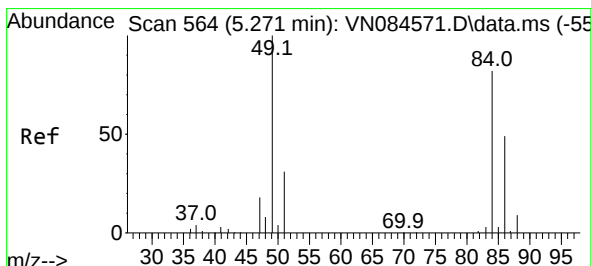
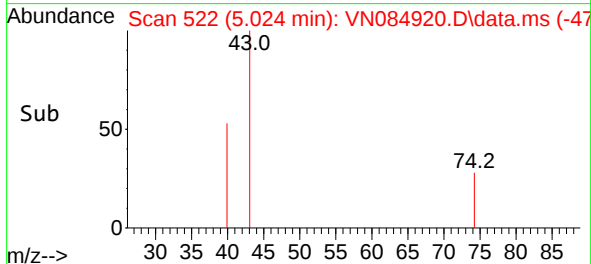
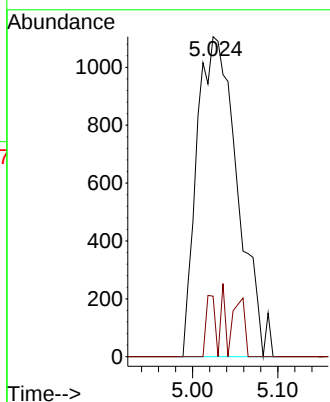


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :

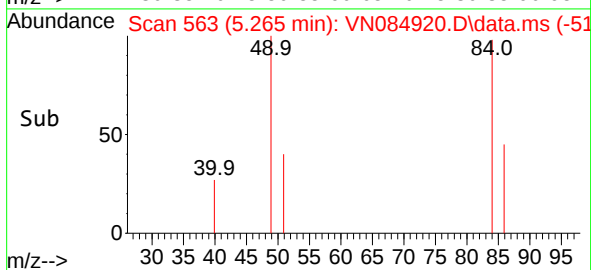
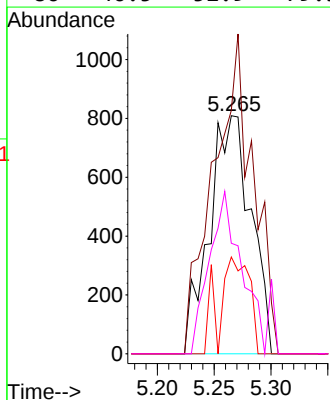
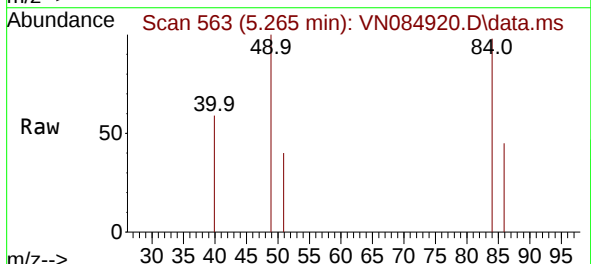


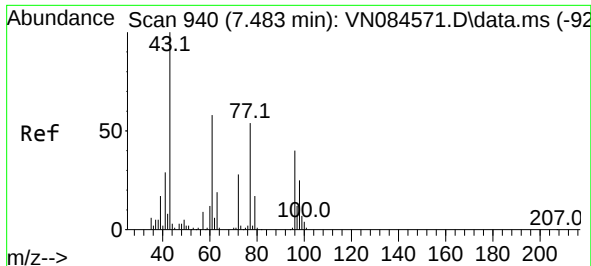
Tgt Ion: 43 Resp: 3652
Ion Ratio Lower Upper
43 100
74 4.1 19.2 28.8#



#20
Methylene Chloride
Concen: 0.938 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

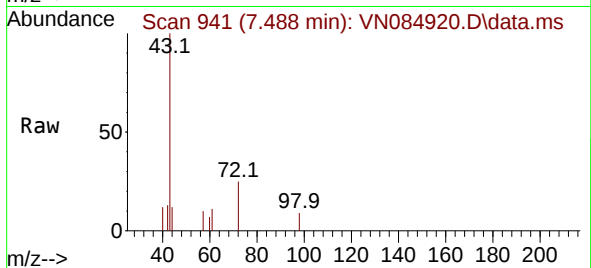
Tgt Ion: 84 Resp: 2073
Ion Ratio Lower Upper
84 100
49 102.2 107.2 160.8#
51 40.7 31.8 47.8
86 46.5 52.9 79.3#



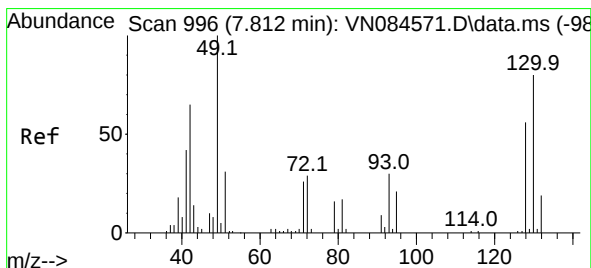
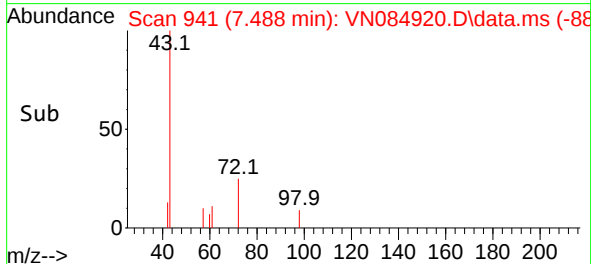
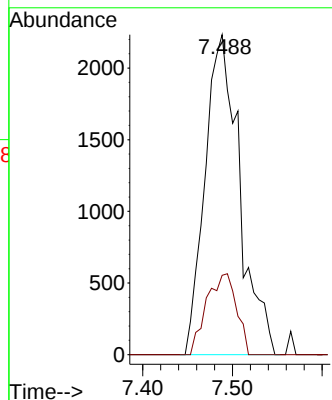


#25
2-Butanone
Concen: 5.097 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

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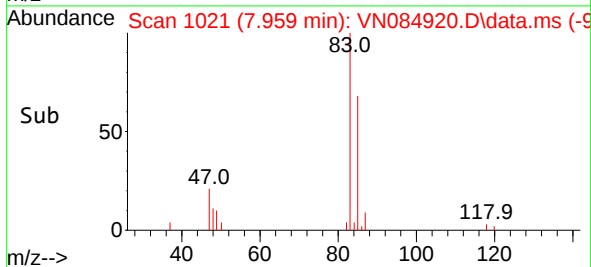
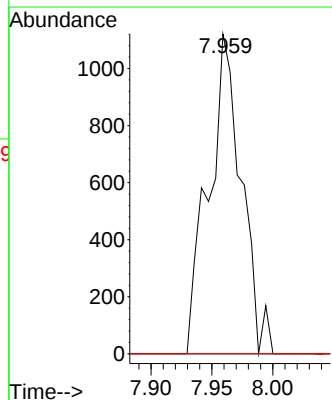
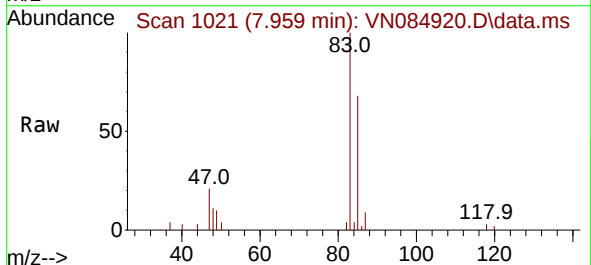


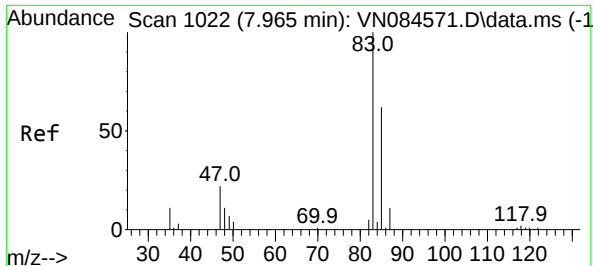
Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
72 24.8 21.4 32.2



#28
Bromochloromethane
Concen: 1.372 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.147 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 49 Resp: 2096
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 58.0 87.0#





#30

Chloroform

Concen: 6.957 ug/l

RT: 7.959 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

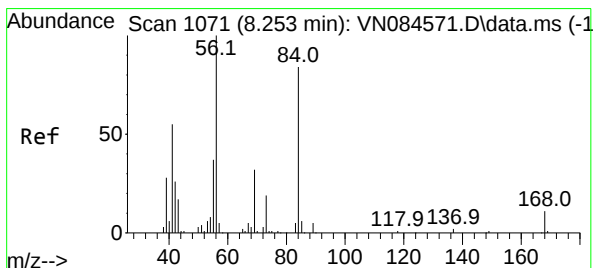
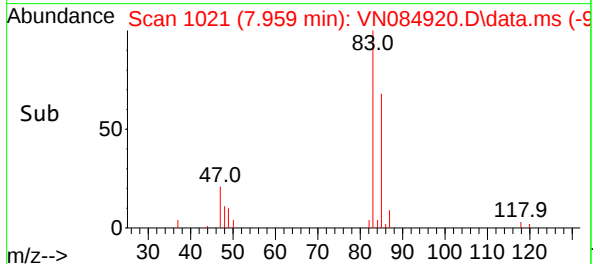
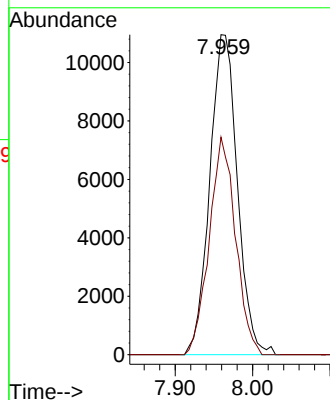
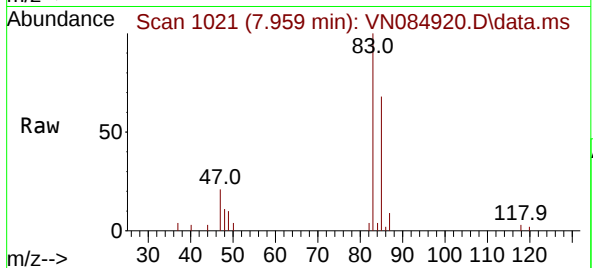
ClientSampleId :

Tgt Ion: 83 Resp: 27144

Ion Ratio Lower Upper

83 100

85 68.0 51.0 76.4



#31

Cyclohexane

Concen: 1.673 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

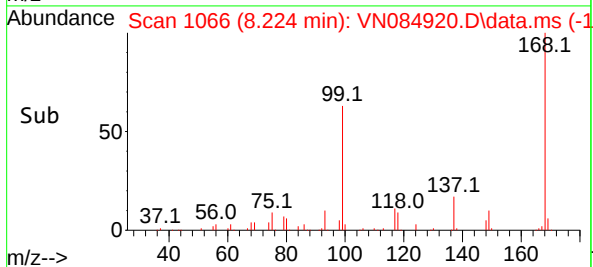
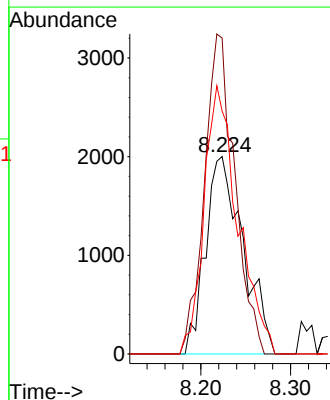
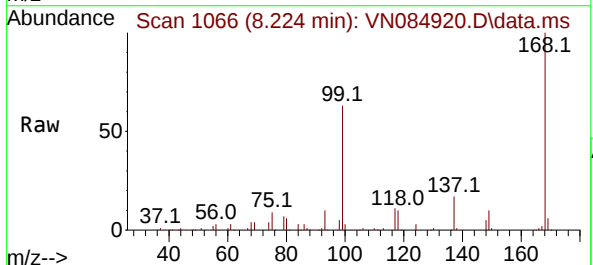
Tgt Ion: 56 Resp: 5805

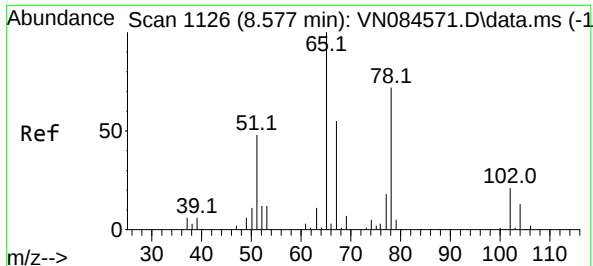
Ion Ratio Lower Upper

56 100

69 160.0 23.8 35.6#

84 123.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.518 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

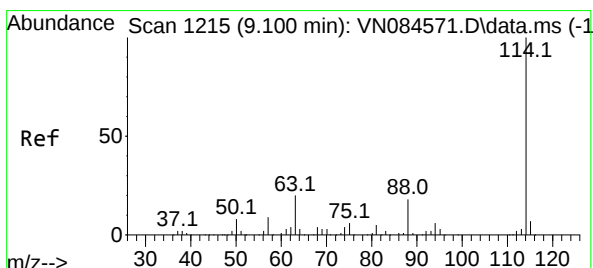
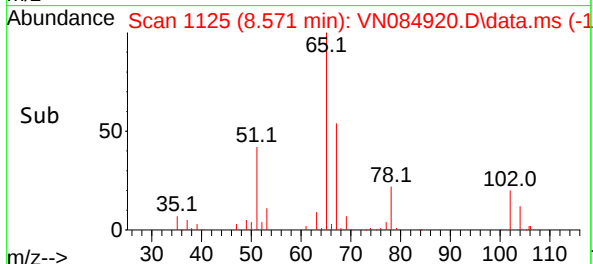
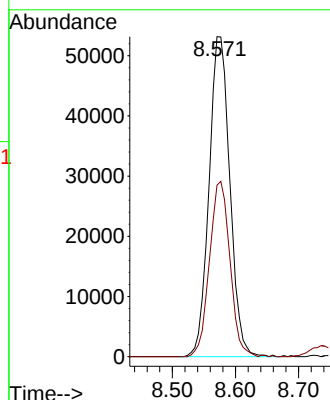
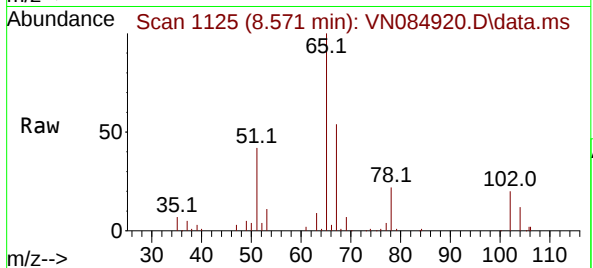
ClientSampleId :

Tgt Ion: 65 Resp: 121923

Ion Ratio Lower Upper

65 100

67 53.7 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: VN084920.D

Acq: 18 Nov 2024 15:16

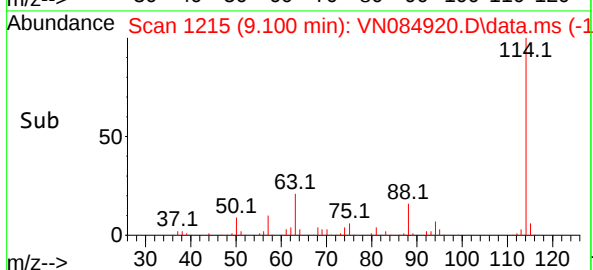
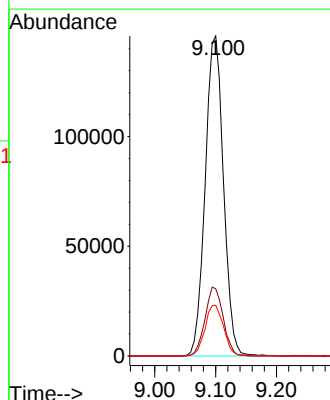
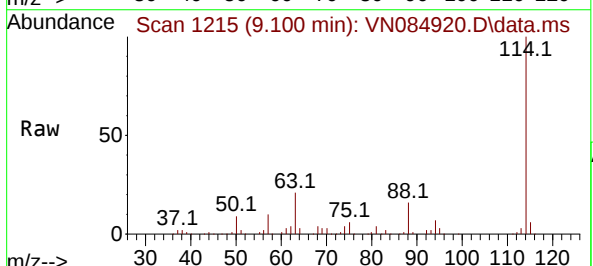
Tgt Ion: 114 Resp: 303825

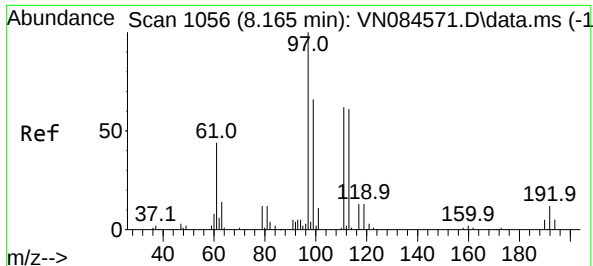
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.352 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.006 min

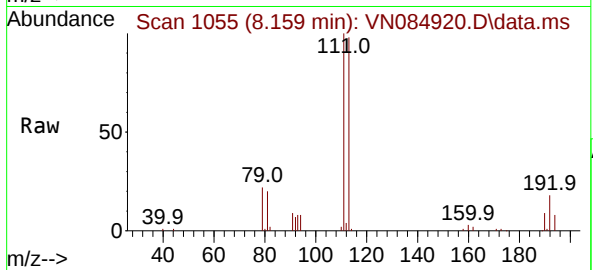
Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :



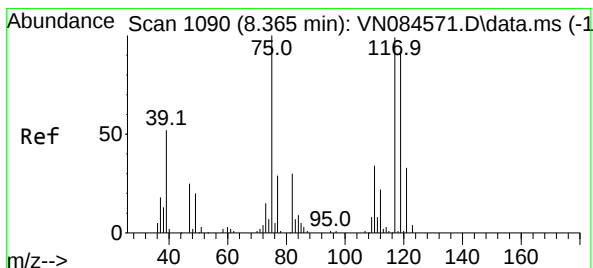
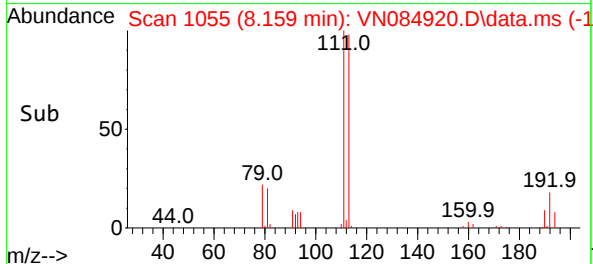
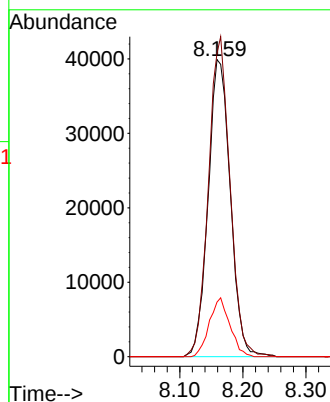
Tgt Ion:113 Resp: 97380

Ion Ratio Lower Upper

113 100

111 104.5 83.3 124.9

192 18.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.362 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

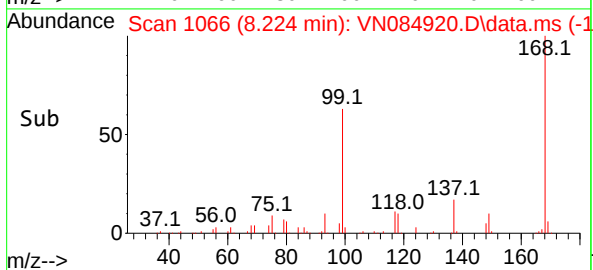
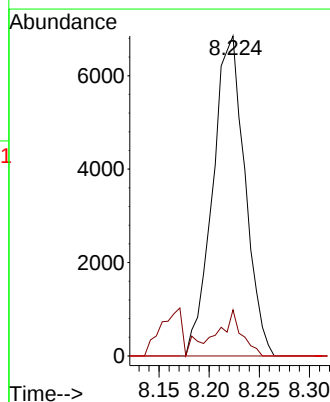
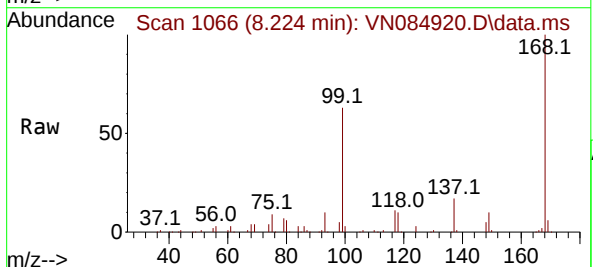
Tgt Ion: 75 Resp: 15292

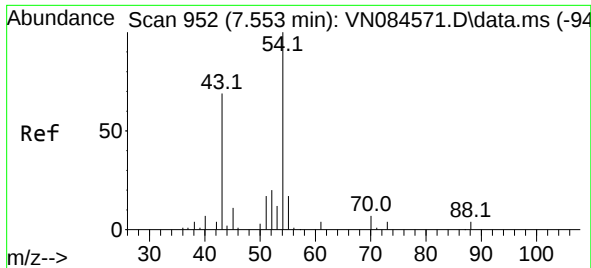
Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

77 0.0 24.7 37.1#

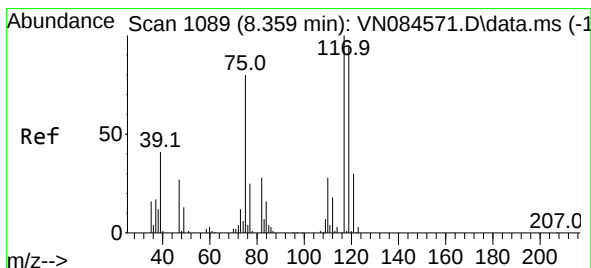
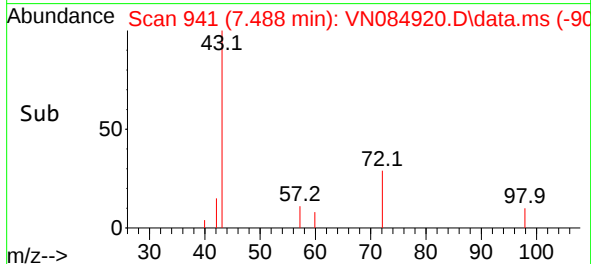
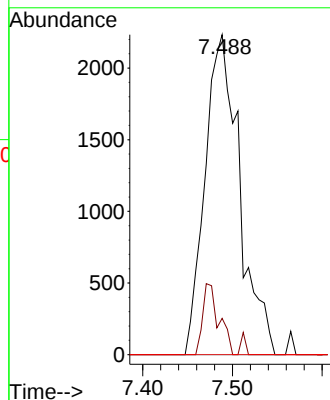
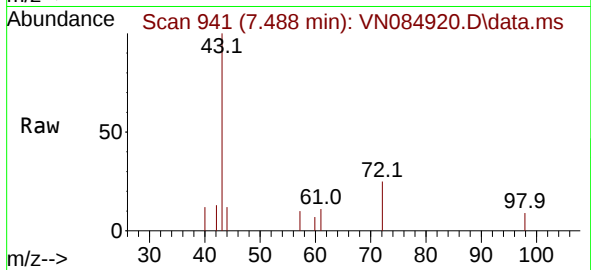




#37
Ethyl Acetate
Concen: 2.309 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

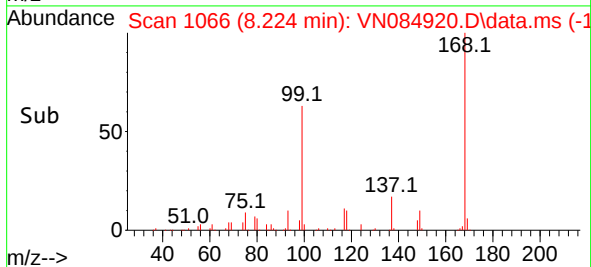
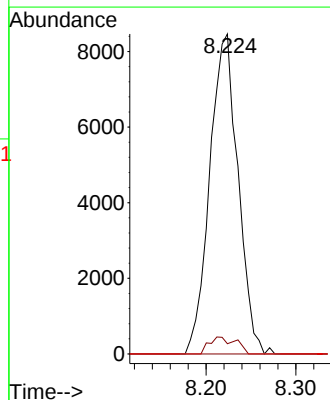
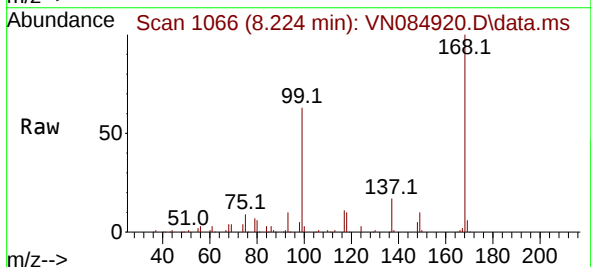
Instrument :
MSVOA_N
ClientSampleId :

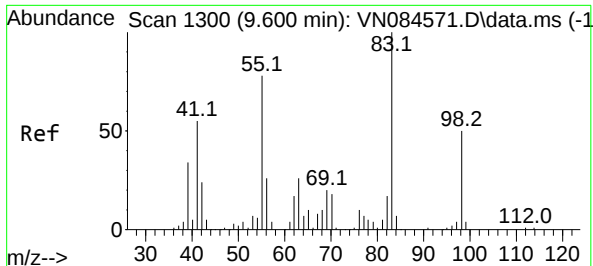
Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
61 10.4 10.7 16.1#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 117 Resp: 18541
Ion Ratio Lower Upper
117 100
119 3.2 78.7 118.1#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.600 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

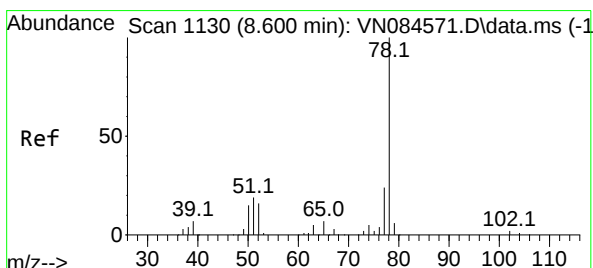
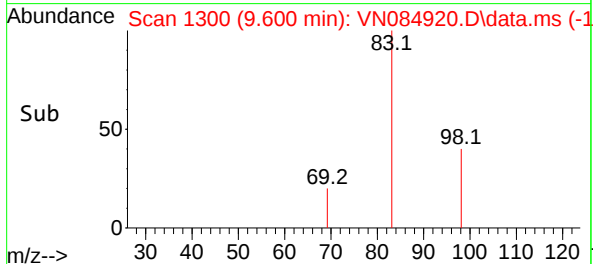
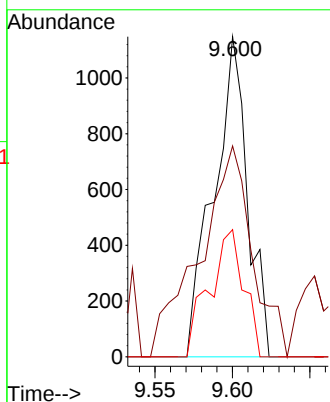
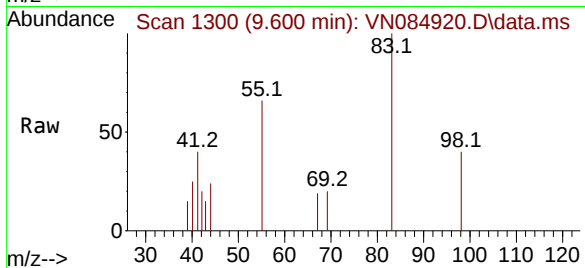
Tgt Ion: 83 Resp: 1741

Ion Ratio Lower Upper

83 100

55 50.1 62.8 94.2#

98 39.7 38.8 58.2



#40

Benzene

Concen: 25.384 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN084920.D

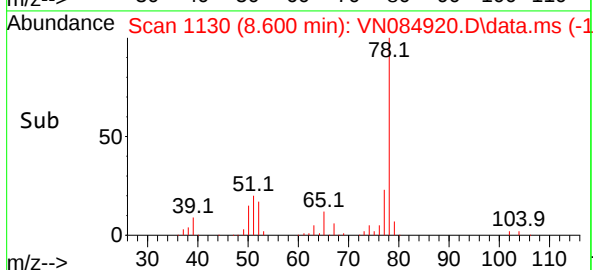
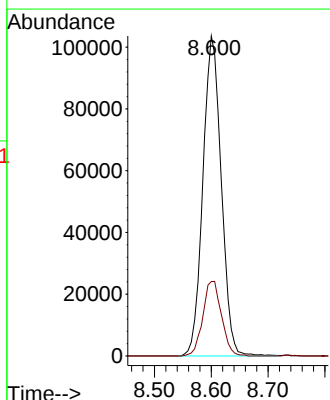
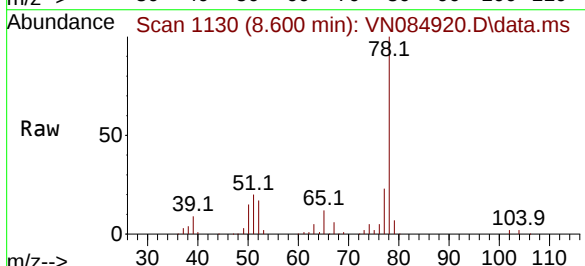
Acq: 18 Nov 2024 15:16

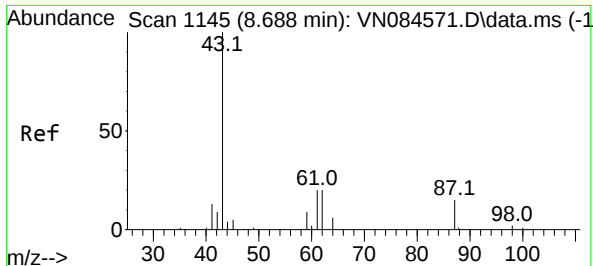
Tgt Ion: 78 Resp: 232505

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

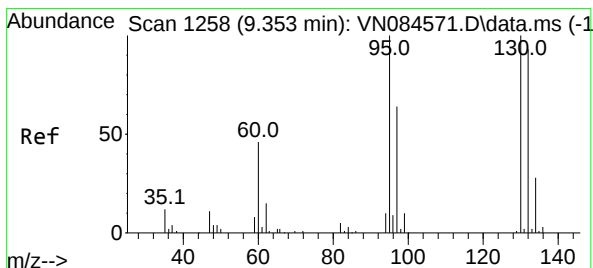
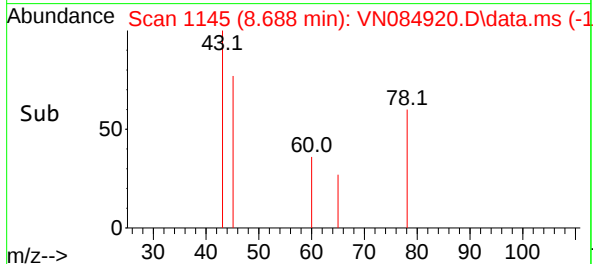
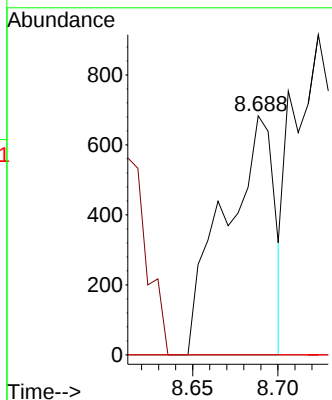
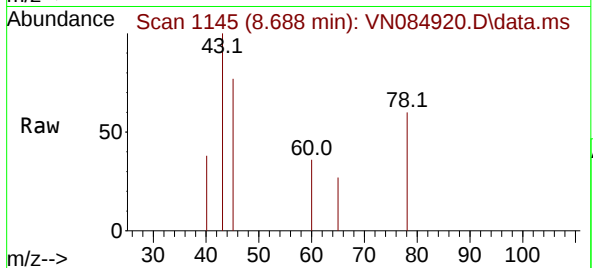




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

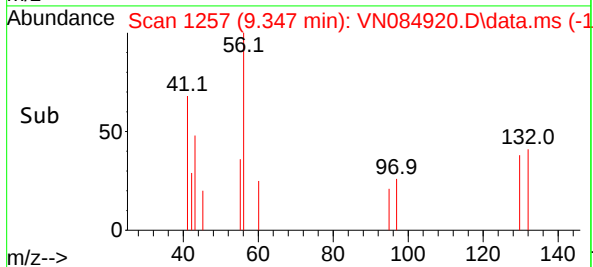
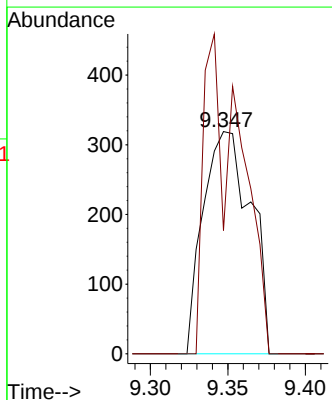
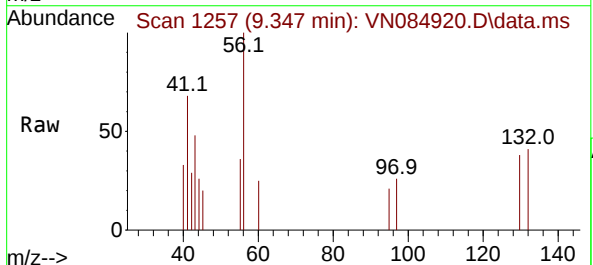
Instrument :
MSVOA_N
ClientSampleId :

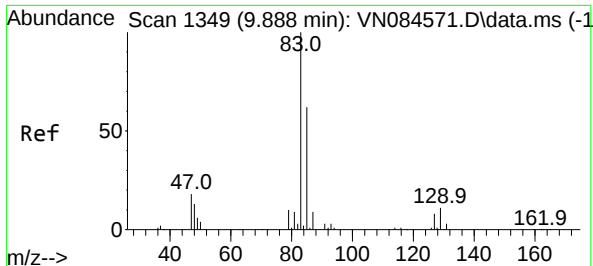
Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 0.322 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion:130 Resp: 680
Ion Ratio Lower Upper
130 100
95 55.5 0.0 203.0





#47

Bromodichloromethane

Concen: 0.491 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN084920.D

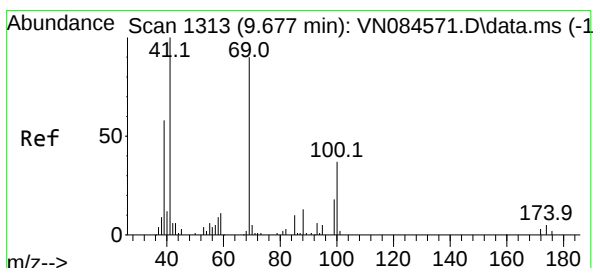
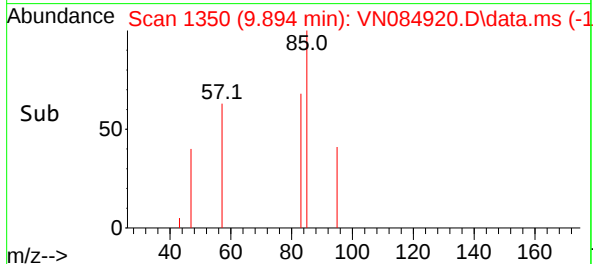
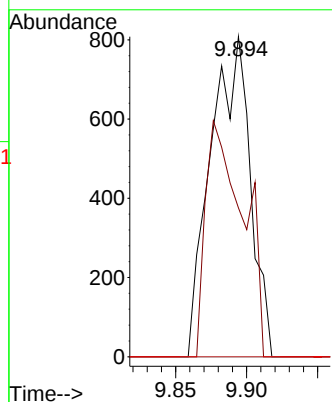
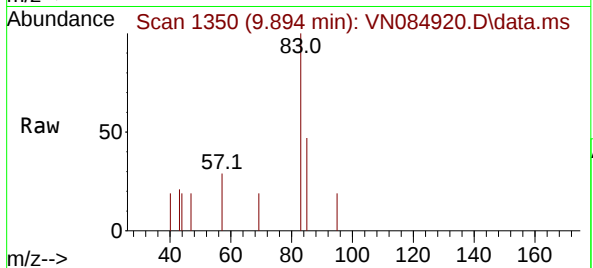
Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 1568
Ion Ratio	Lower Upper
83	100
85	46.5 51.5 77.3#
127	0.0 5.7 8.5#



#48

Methyl methacrylate

Concen: 0.641 ug/l

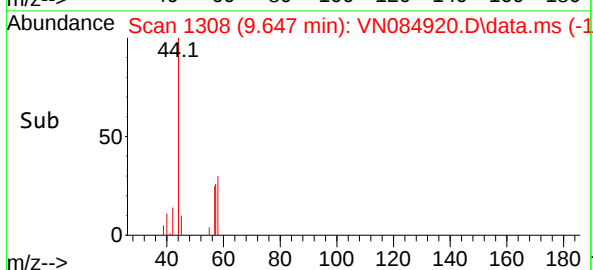
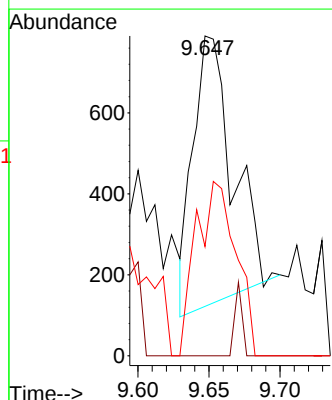
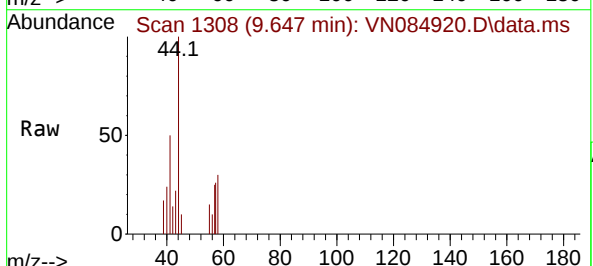
RT: 9.647 min Scan# 1308

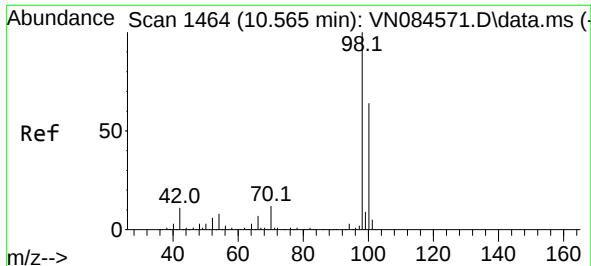
Delta R.T. -0.029 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Tgt Ion: 41	Resp: 1291
Ion Ratio	Lower Upper
41	100
69	0.0 67.1 100.7#
39	65.4 45.8 68.6

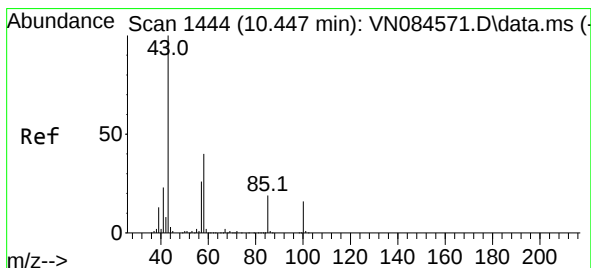
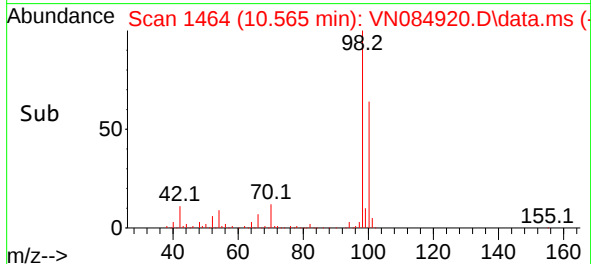
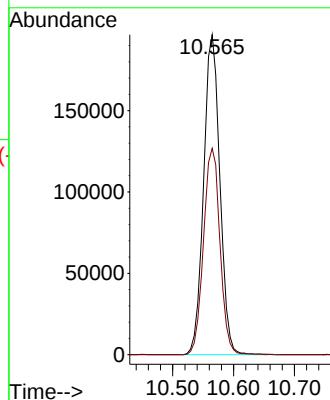
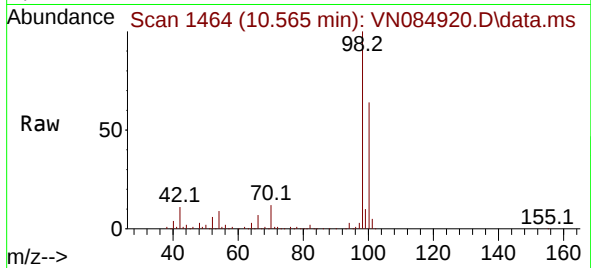




#50
Toluene-d8
Concen: 48.119 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

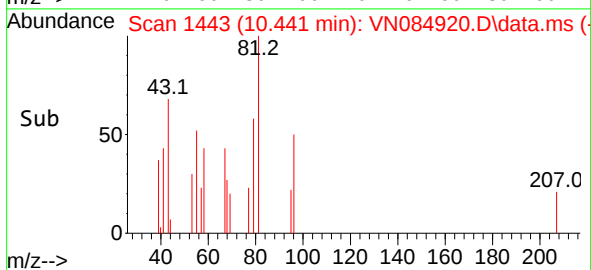
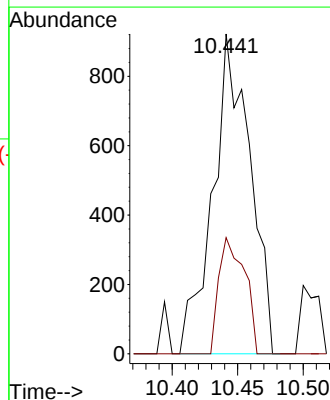
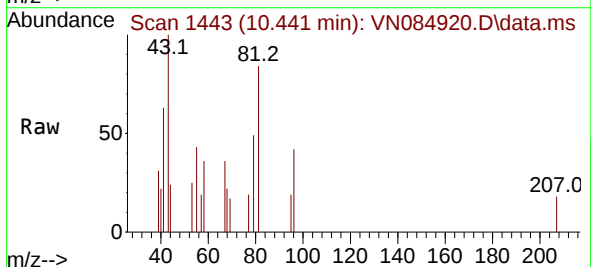
Instrument :
MSVOA_N
ClientSampleId :

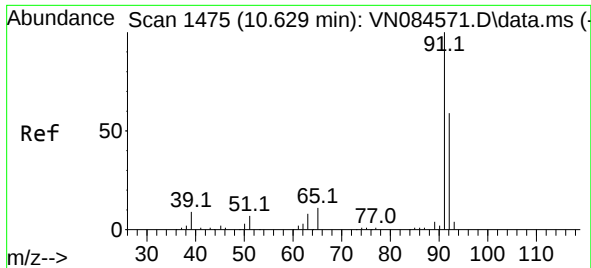
Tgt Ion: 98 Resp: 364528
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.737 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 25.2 31.6 47.4#

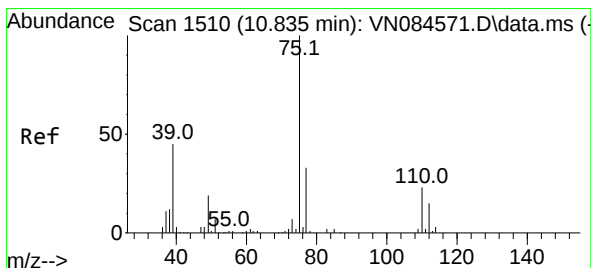
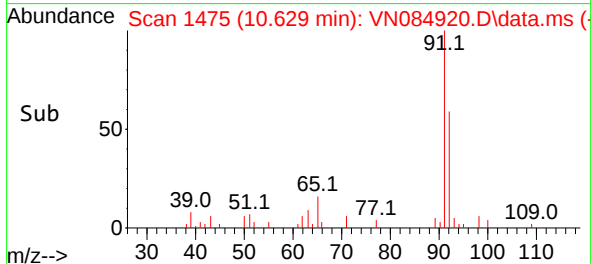
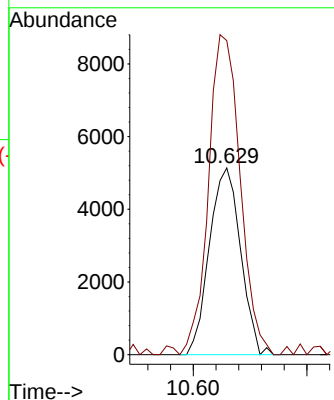
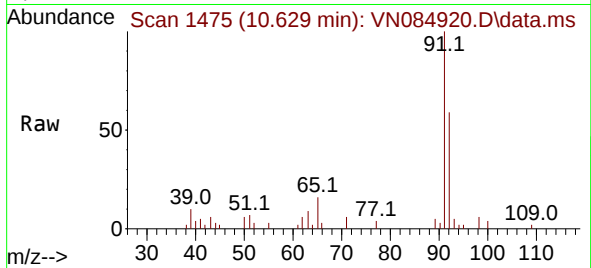




#52
Toluene
Concen: 1.825 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

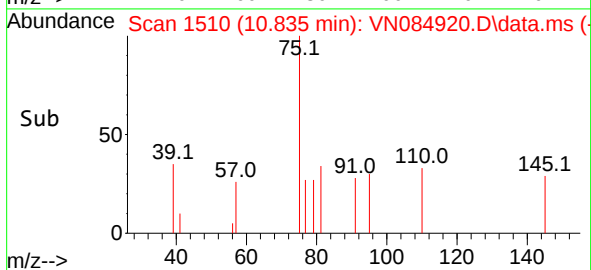
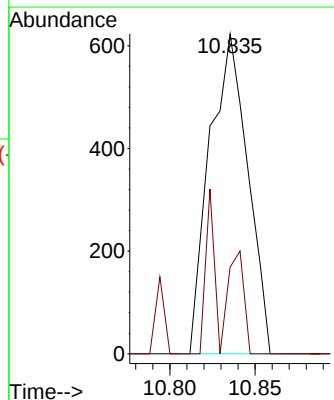
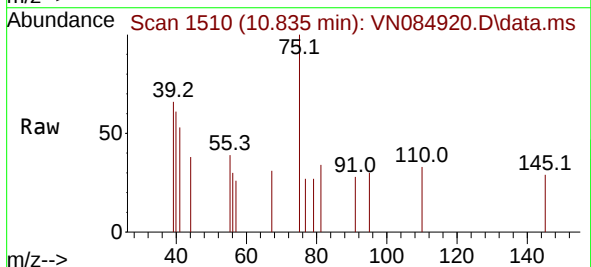
Instrument :
MSVOA_N
ClientSampleId :

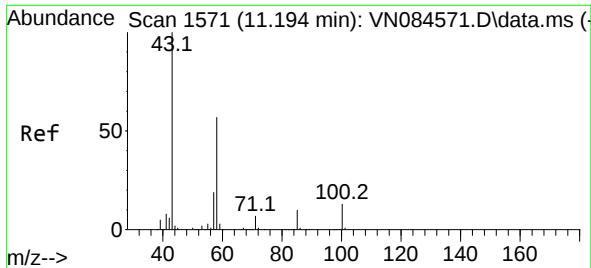
Tgt Ion: 92 Resp: 9778
Ion Ratio Lower Upper
92 100
91 175.9 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.293 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 75 Resp: 968
Ion Ratio Lower Upper
75 100
77 27.1 25.4 38.0

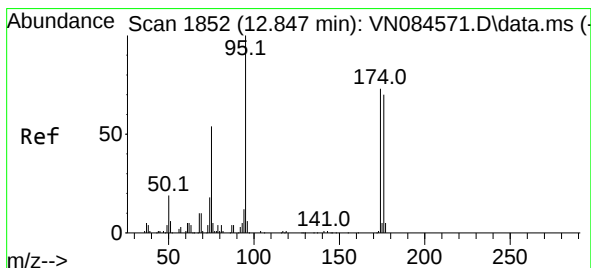
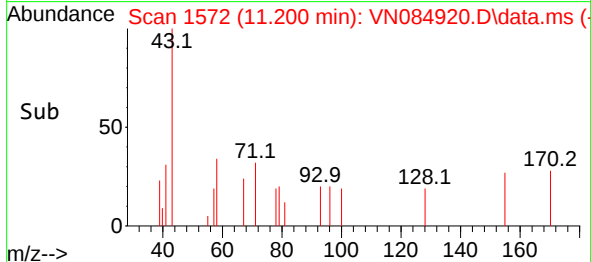
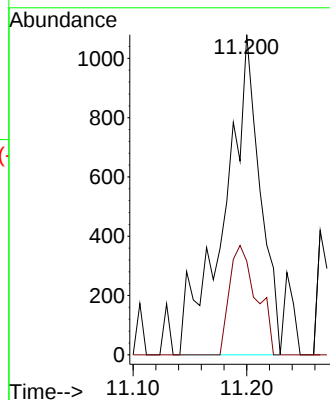
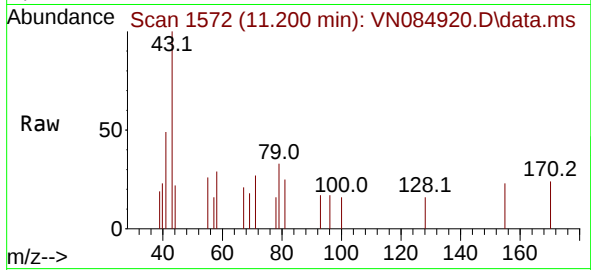




#59
2-Hexanone
Concen: 1.308 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

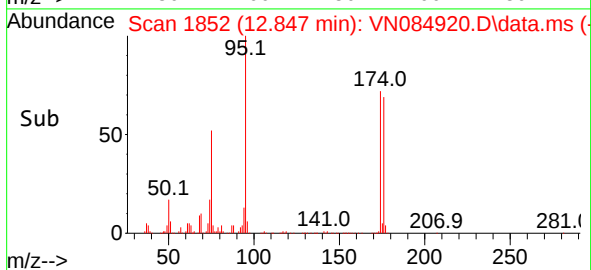
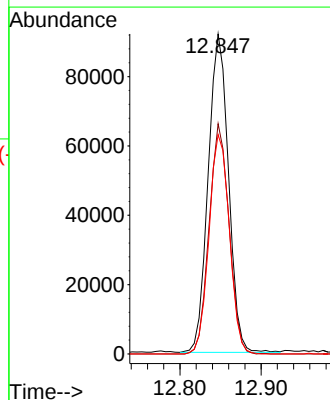
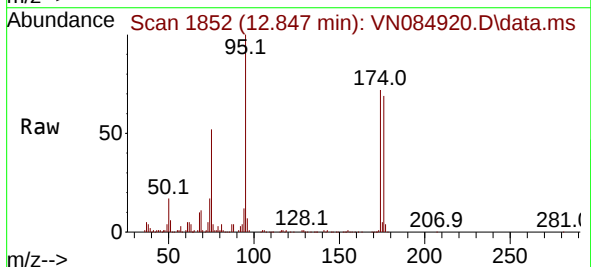
Instrument :
MSVOA_N
ClientSampleId :

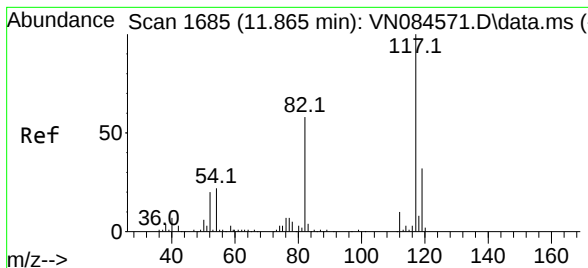
Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 26.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 56.290 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 95 Resp: 159371
Ion Ratio Lower Upper
95 100
174 71.0 0.0 145.2
176 68.9 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: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

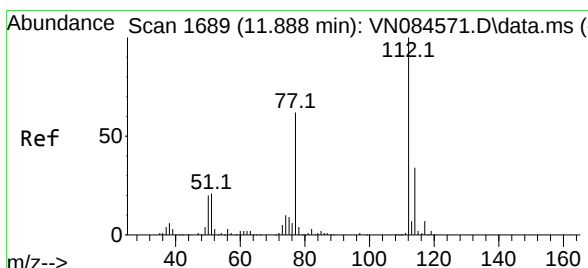
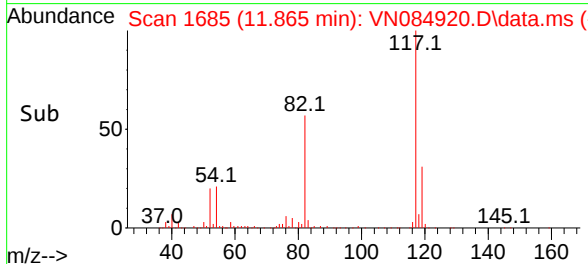
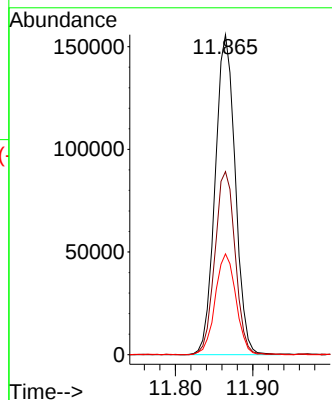
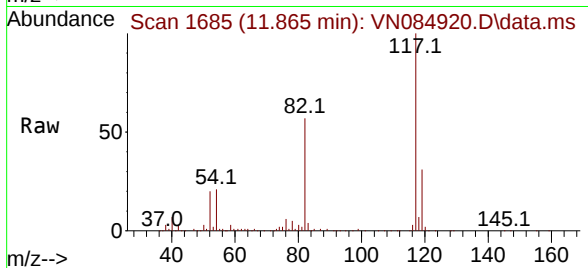
Tgt Ion:117 Resp: 281691

Ion Ratio Lower Upper

117 100

82 57.2 47.2 70.8

119 31.5 25.4 38.0



#65

Chlorobenzene

Concen: 0.300 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084920.D

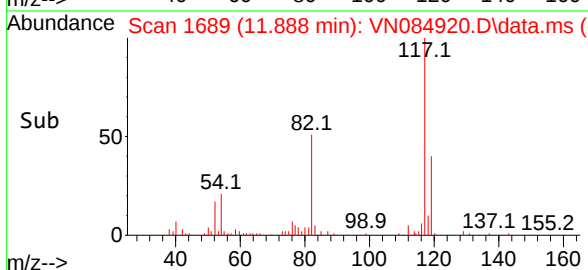
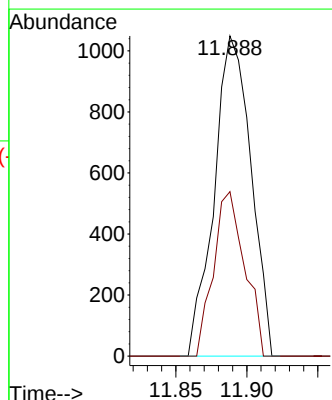
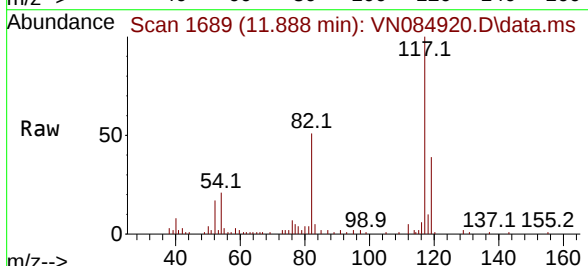
Acq: 18 Nov 2024 15:16

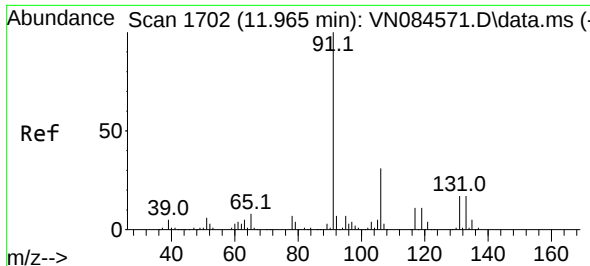
Tgt Ion:112 Resp: 1892

Ion Ratio Lower Upper

112 100

114 51.4 27.0 40.6#

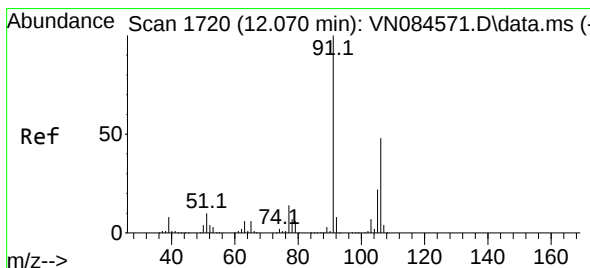
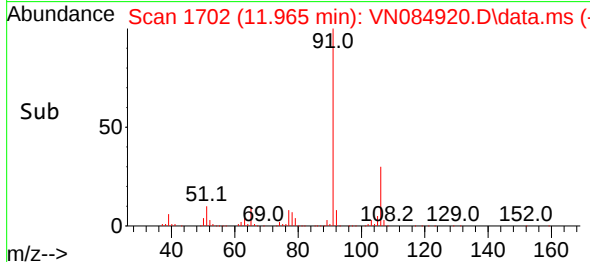
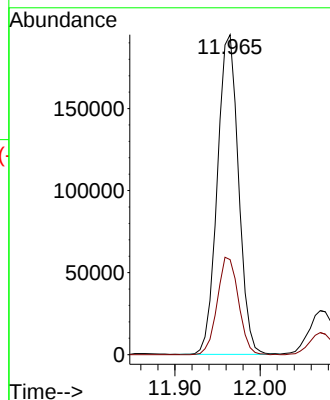
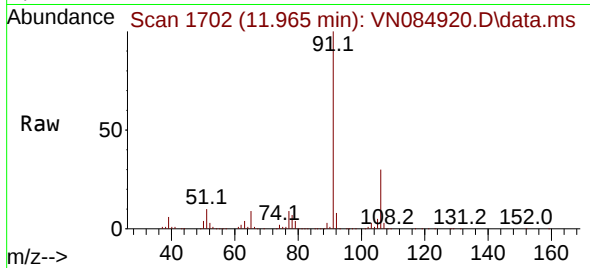




#67
Ethyl Benzene
Concen: 31.939 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

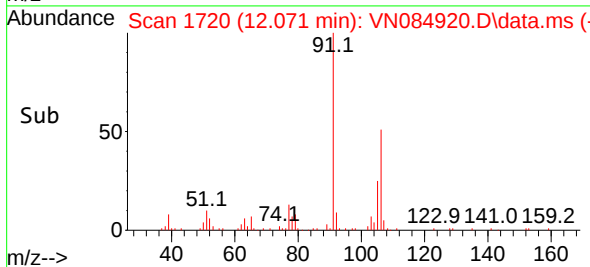
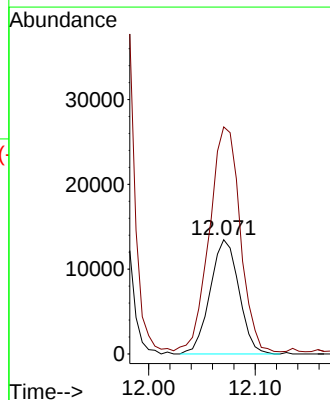
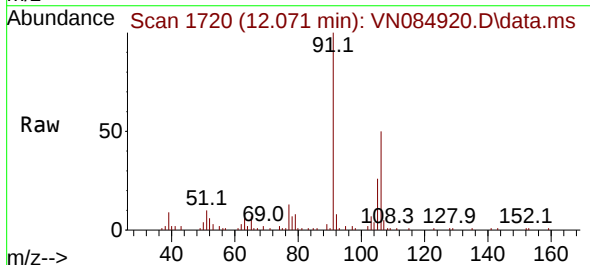
Instrument :
MSVOA_N
ClientSampleId :

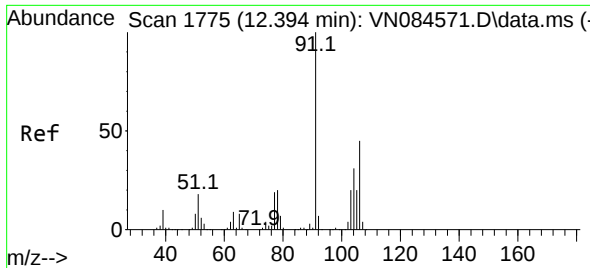
Tgt Ion: 91 Resp: 335981
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7



#68
m/p-Xylenes
Concen: 6.353 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion:106 Resp: 25300
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7

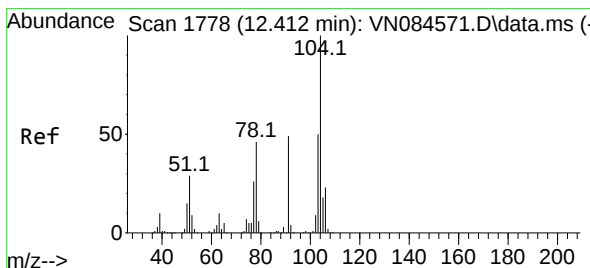
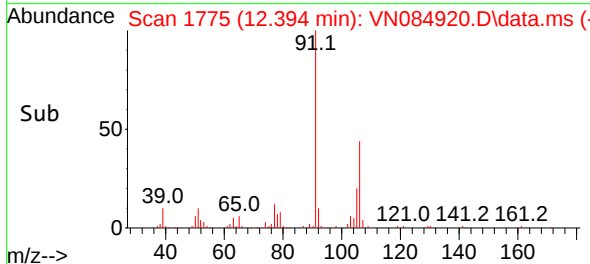
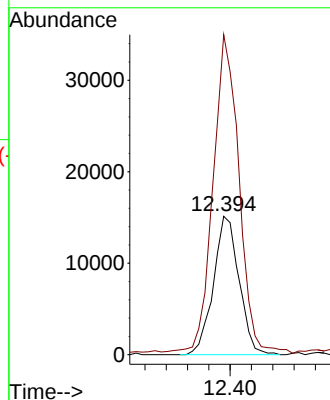
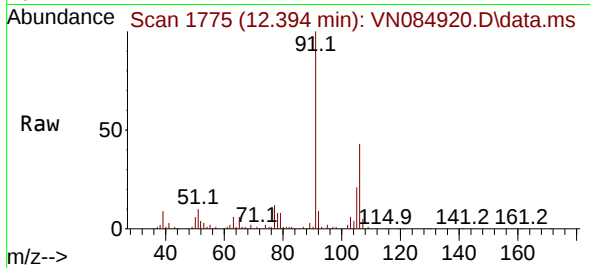




#69
o-Xylene
Concen: 6.775 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

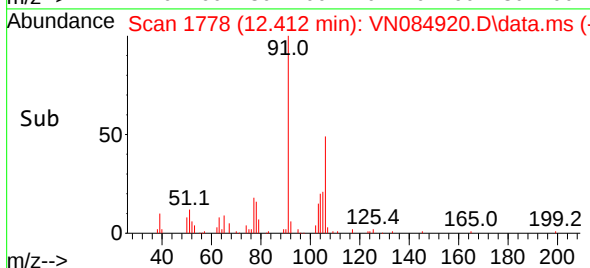
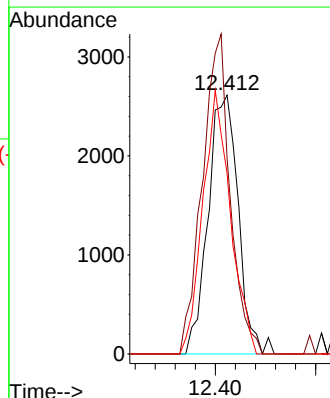
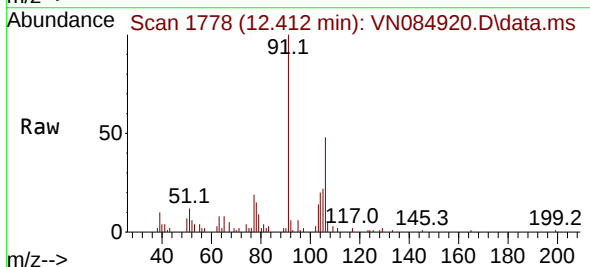
Instrument :
MSVOA_N
ClientSampleId :

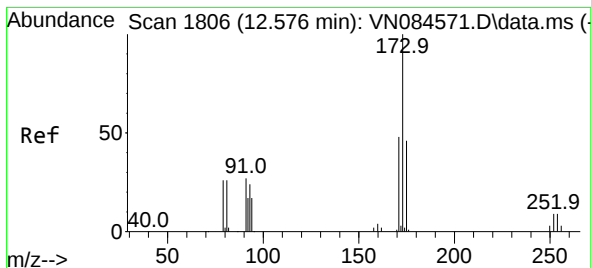
Tgt Ion:106 Resp: 25242
Ion Ratio Lower Upper
106 100
91 232.6 110.2 330.6



#70
Styrene
Concen: 0.838 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion:104 Resp: 5448
Ion Ratio Lower Upper
104 100
78 114.6 42.7 64.1#
103 93.6 43.6 65.4#





#71

Bromoform

Concen: 0.407 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

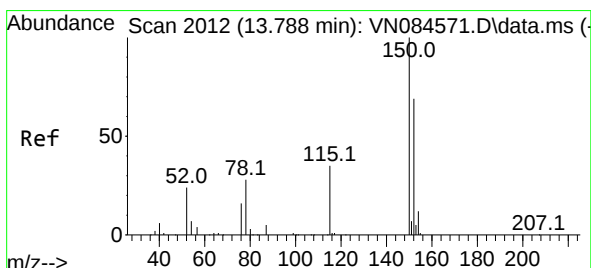
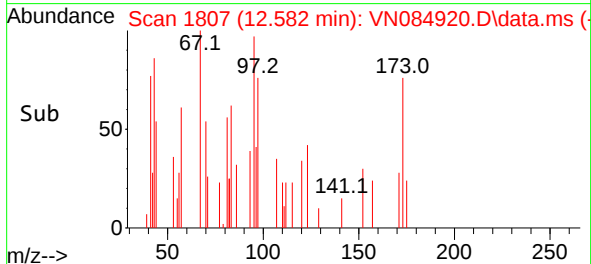
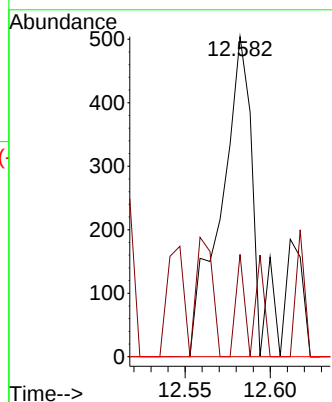
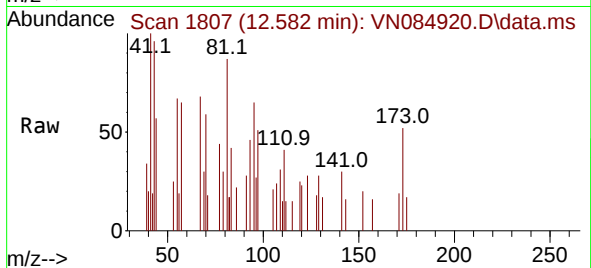
Tgt Ion:173 Resp: 671

Ion Ratio Lower Upper

173 100

175 0.0 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: VN084920.D

Acq: 18 Nov 2024 15:16

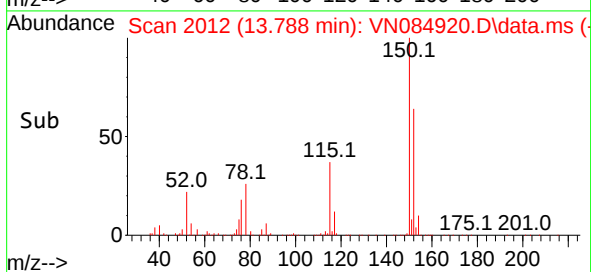
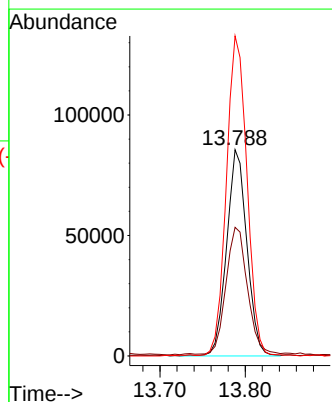
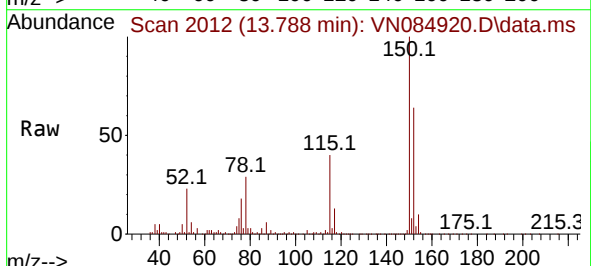
Tgt Ion:152 Resp: 141438

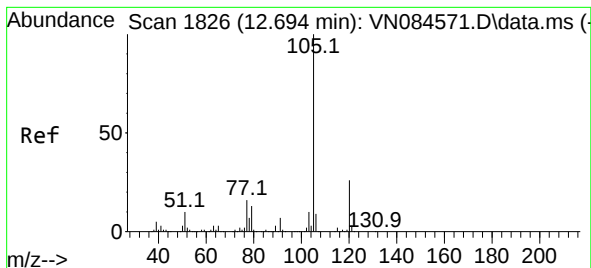
Ion Ratio Lower Upper

152 100

115 66.5 31.3 93.9

150 157.5 0.0 349.8





#73

Isopropylbenzene

Concen: 6.644 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

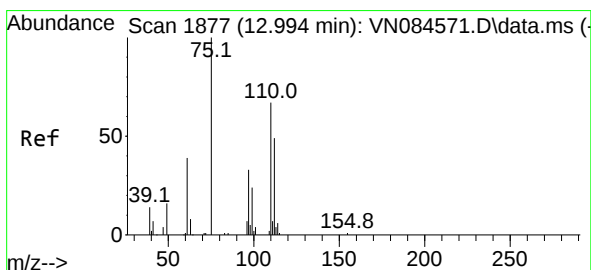
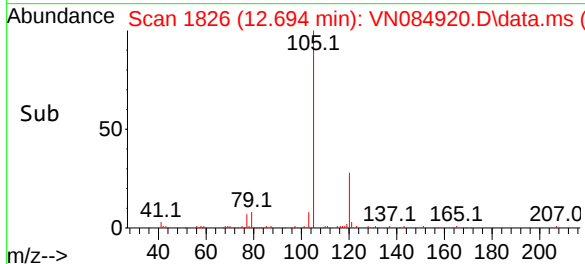
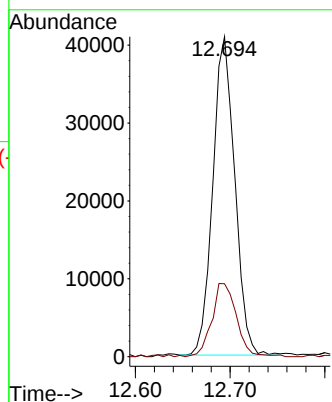
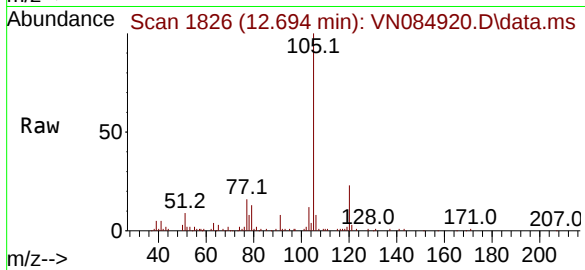
ClientSampleId :

Tgt Ion:105 Resp: 65851

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#76

1,2,3-Trichloropropane

Concen: 29.172 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084920.D

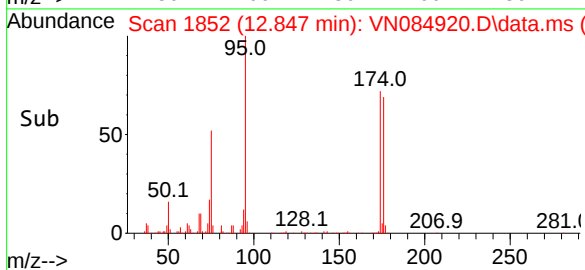
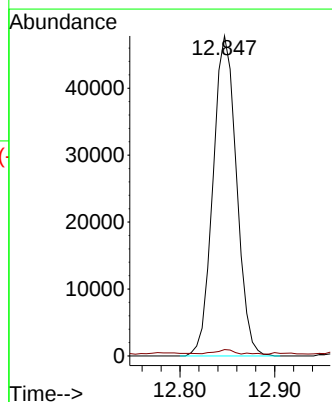
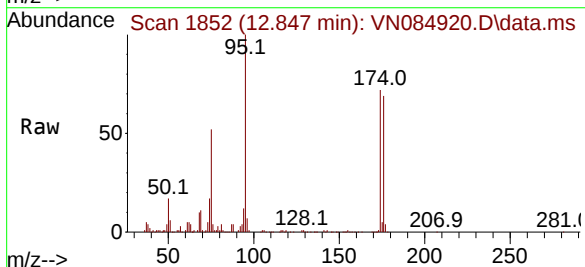
Acq: 18 Nov 2024 15:16

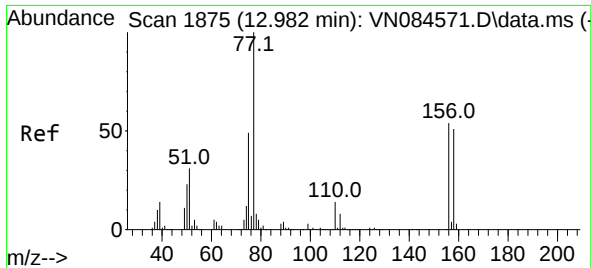
Tgt Ion: 75 Resp: 82476

Ion Ratio Lower Upper

75 100

77 1.0 96.9 290.7#

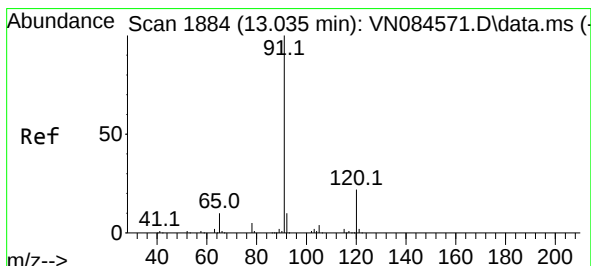
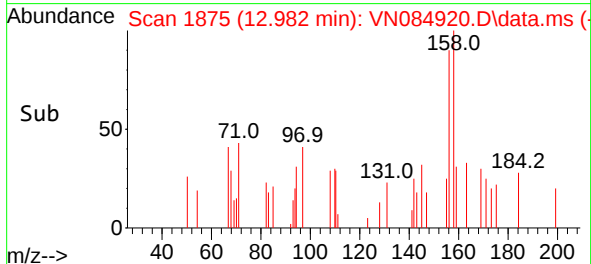
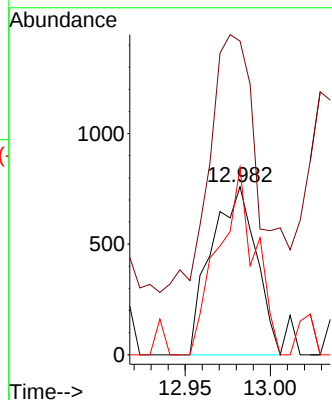
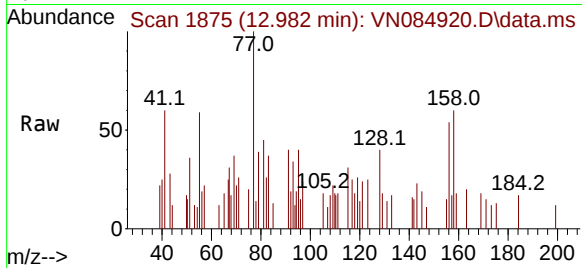




#77
Bromobenzene
Concen: 0.523 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

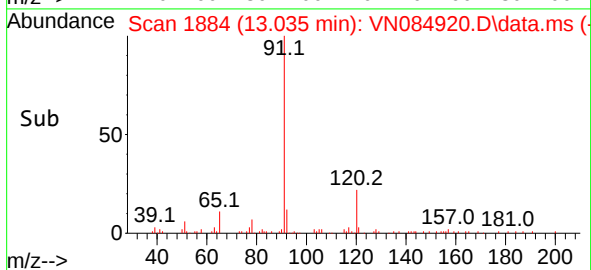
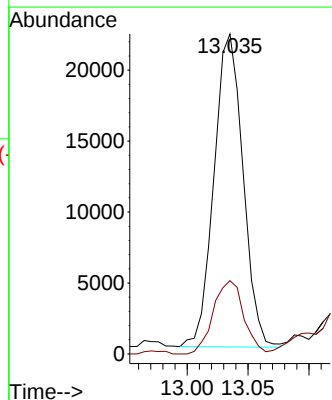
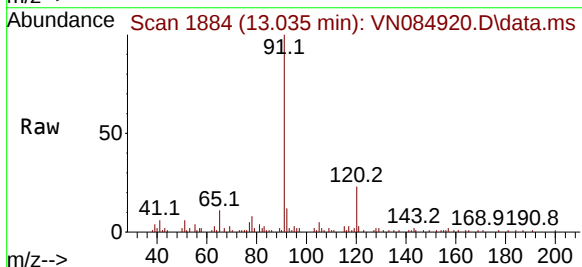
Instrument :
MSVOA_N
ClientSampleId :

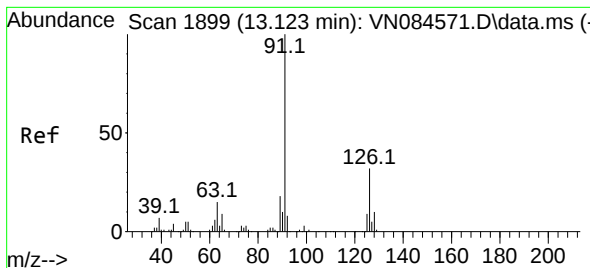
Tgt Ion:156 Resp: 1393
Ion Ratio Lower Upper
156 100
77 163.5 115.1 345.3
158 92.2 48.9 146.8



#78
n-propylbenzene
Concen: 3.153 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 91 Resp: 36627
Ion Ratio Lower Upper
91 100
120 24.5 10.8 32.4

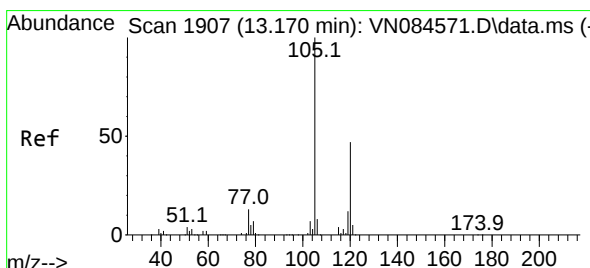
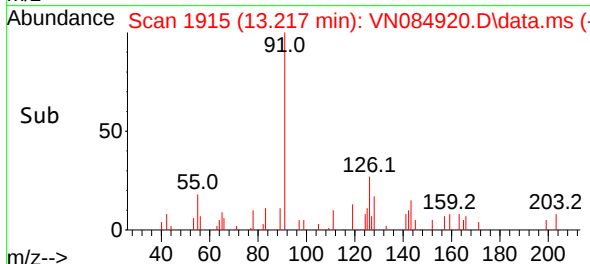
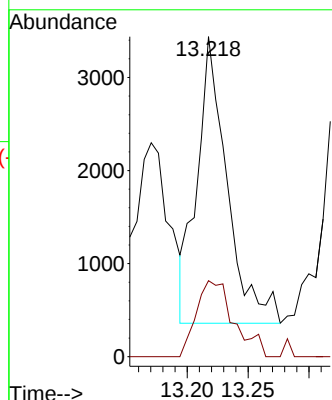
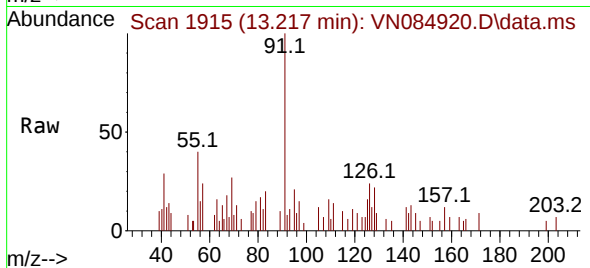




#79
2-Chlorotoluene
Concen: 0.697 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

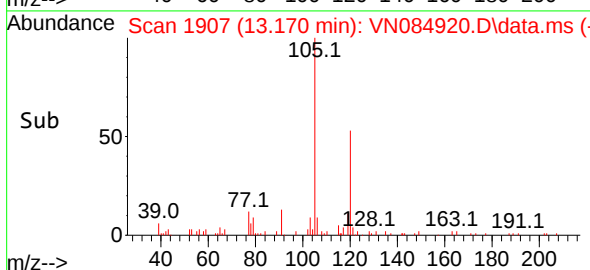
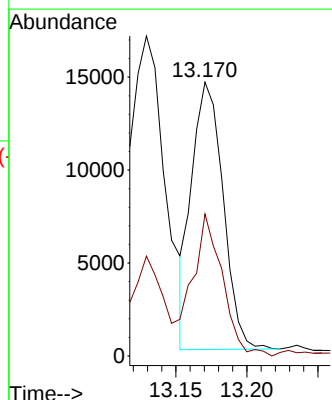
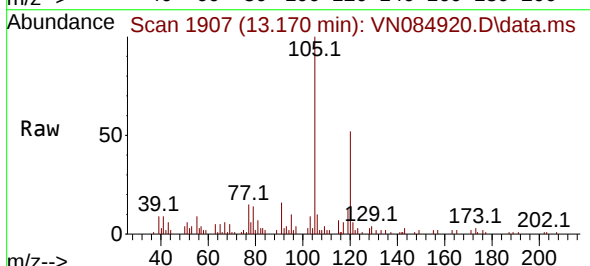
Instrument :
MSVOA_N
ClientSampleId :

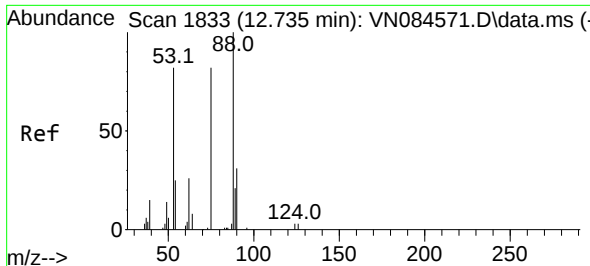
Tgt Ion: 91 Resp: 5288
Ion Ratio Lower Upper
91 100
126 33.0 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 2.688 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 105 Resp: 22080
Ion Ratio Lower Upper
105 100
120 51.9 23.7 71.1

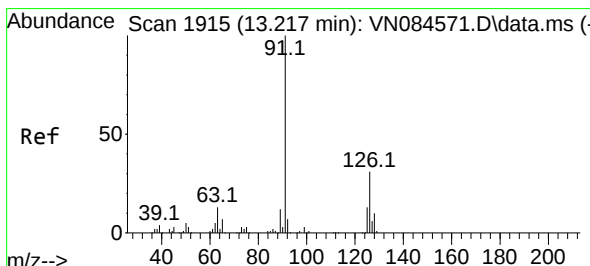
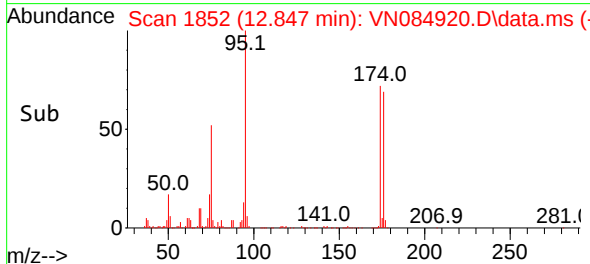
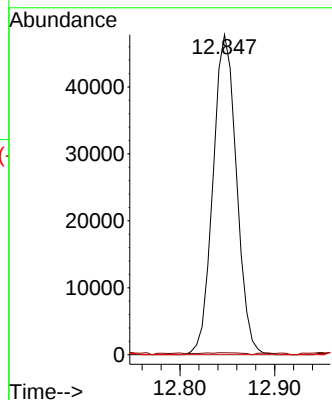
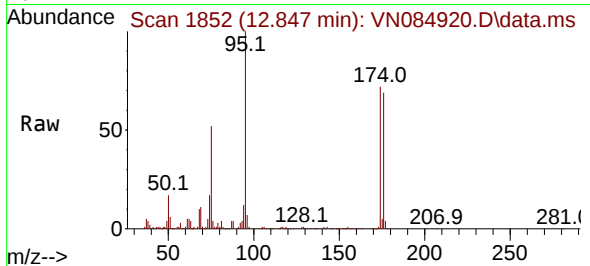




#81
trans-1,4-Dichloro-2-butene
Concen: 69.207 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

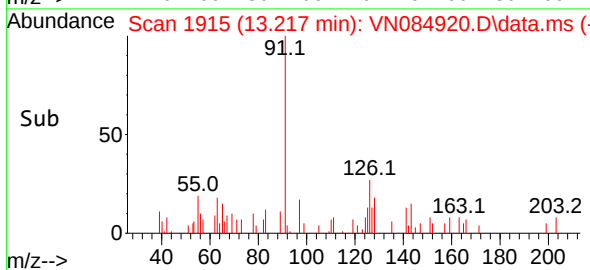
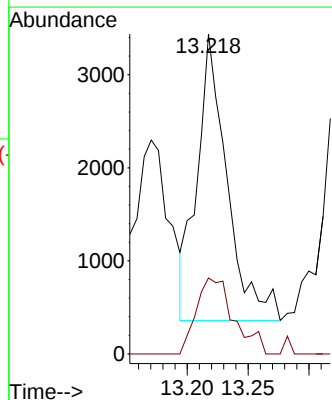
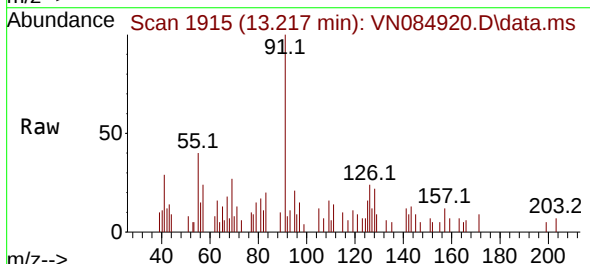
Instrument :
MSVOA_N
ClientSampleId :

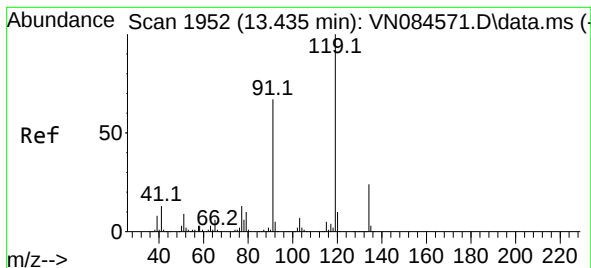
Tgt Ion: 75 Resp: 82476
Ion Ratio Lower Upper
75 100
53 0.9 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.662 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion: 91 Resp: 5288
Ion Ratio Lower Upper
91 100
126 33.0 15.7 47.1





#83

tert-Butylbenzene

Concen: 2.803 ug/l

RT: 13.482 min Scan# 1952

Delta R.T. 0.047 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

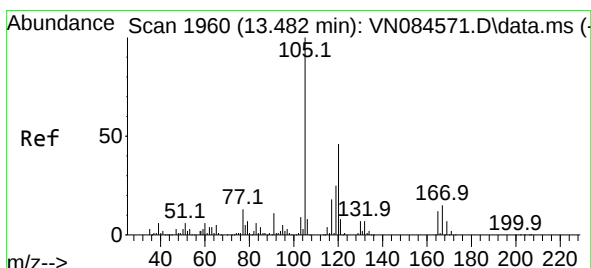
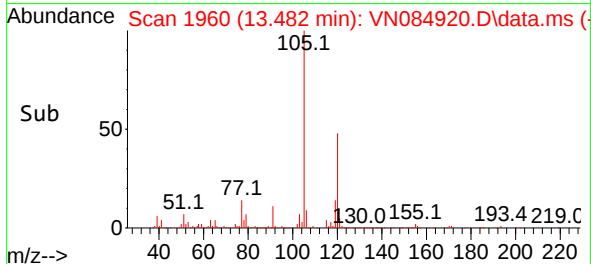
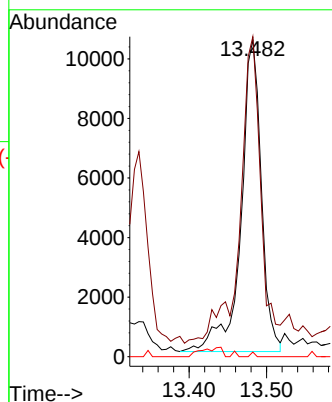
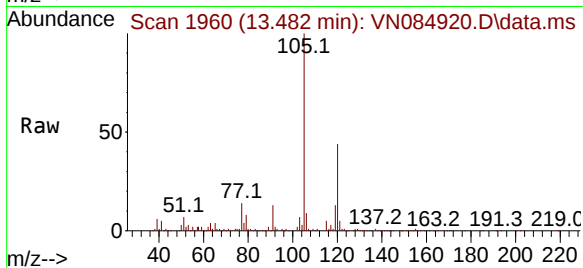
Tgt Ion:119 Resp: 19060

Ion Ratio Lower Upper

119 100

91 100.0 34.1 102.3

134 0.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 16.203 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084920.D

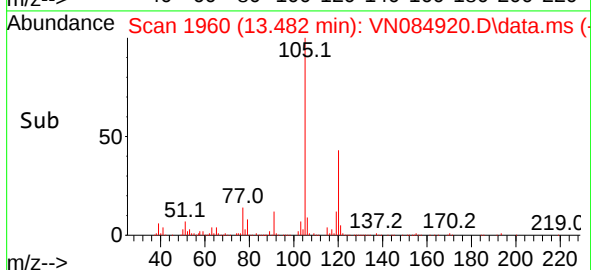
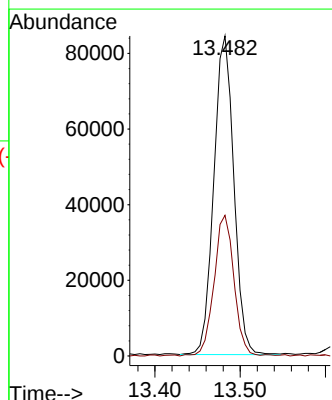
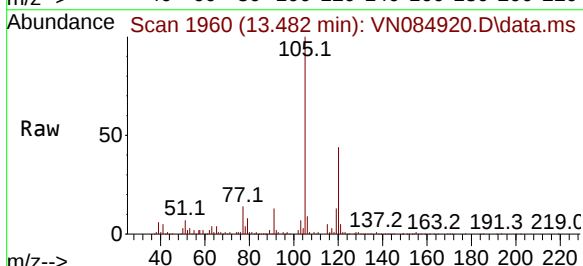
Acq: 18 Nov 2024 15:16

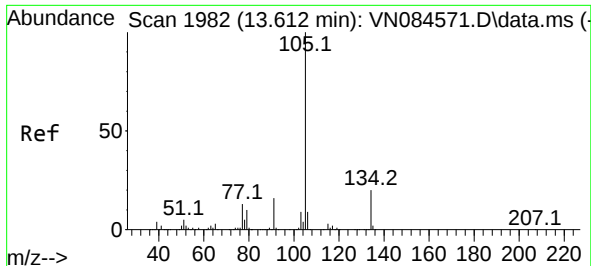
Tgt Ion:105 Resp: 137377

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.8

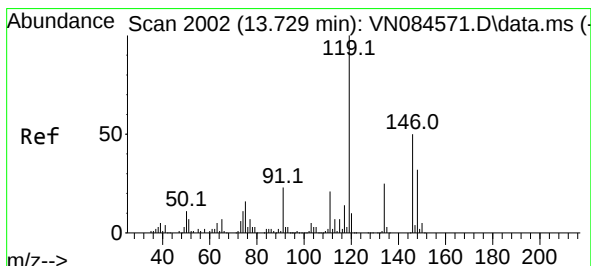
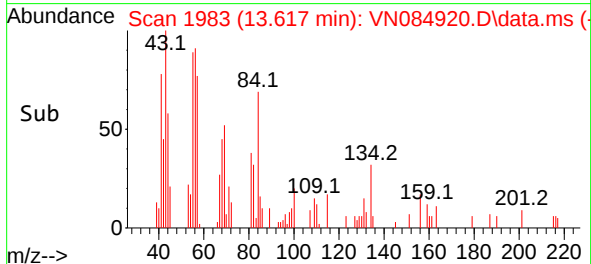
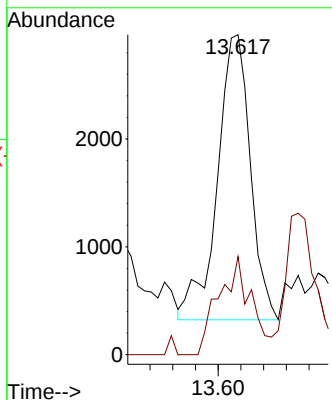
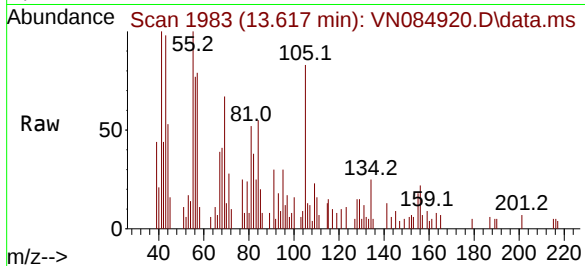




#85
 sec-Butylbenzene
 Concen: 0.556 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

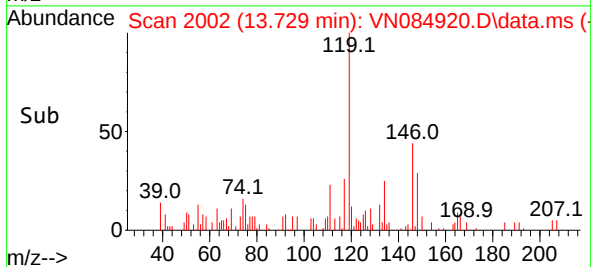
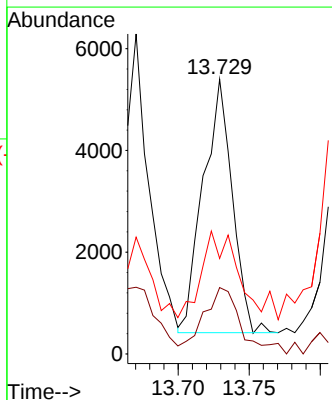
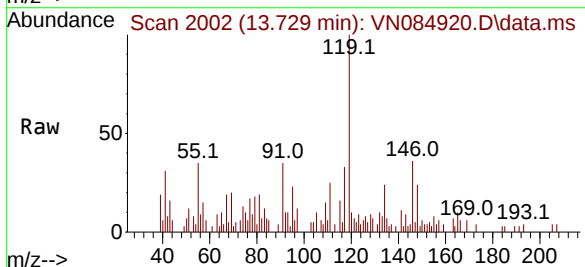
Instrument :
 MSVOA_N
 ClientSampleId :

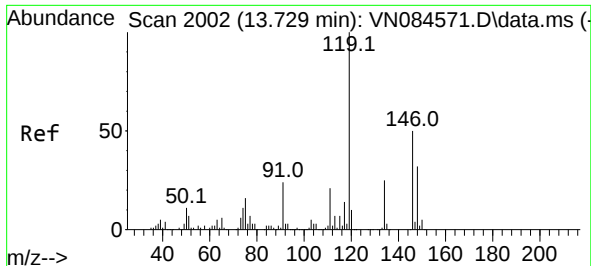
Tgt Ion:105 Resp: 5340
 Ion Ratio Lower Upper
 105 100
 134 33.9 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.901 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

Tgt Ion:119 Resp: 7098
 Ion Ratio Lower Upper
 119 100
 134 33.8 12.6 37.8
 91 0.0 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.639 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084920.D

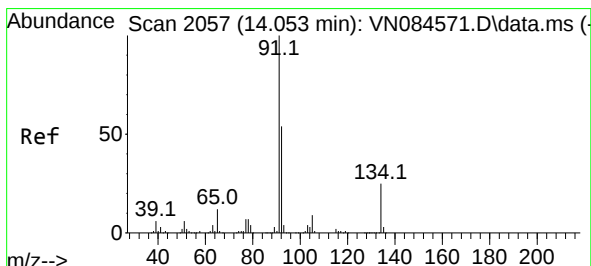
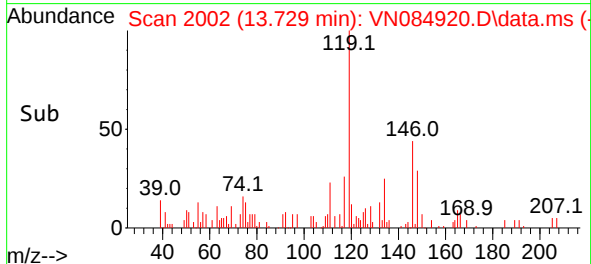
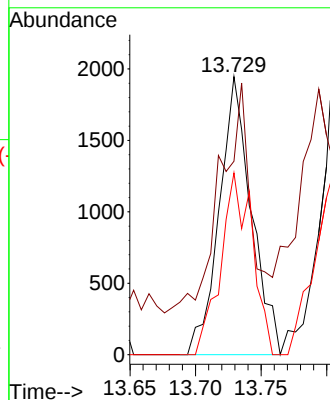
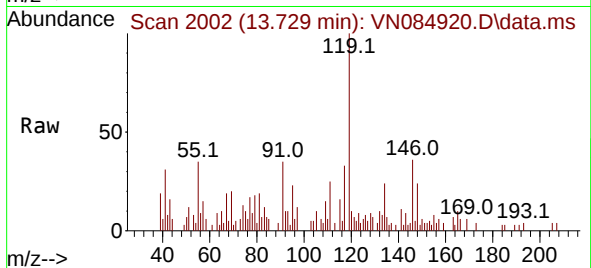
Acq: 18 Nov 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146 Resp: 3321
Ion Ratio Lower Upper
146 100
111 78.8 21.8 65.3#
148 64.1 31.9 95.7



#89

n-Butylbenzene

Concen: 0.879 ug/l

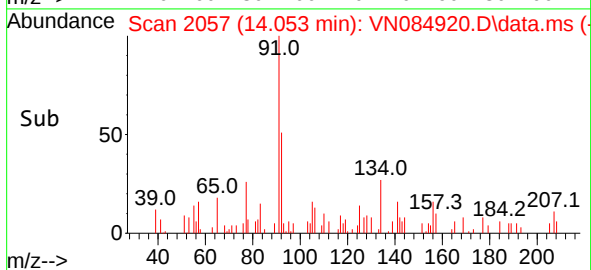
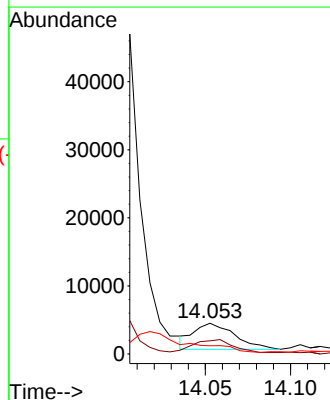
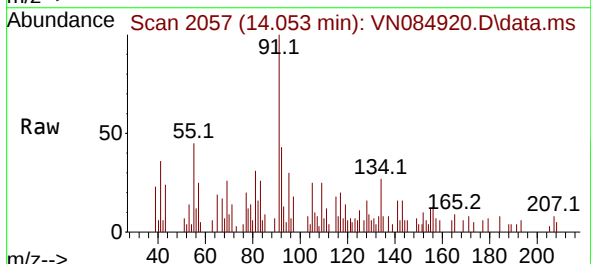
RT: 14.053 min Scan# 2057

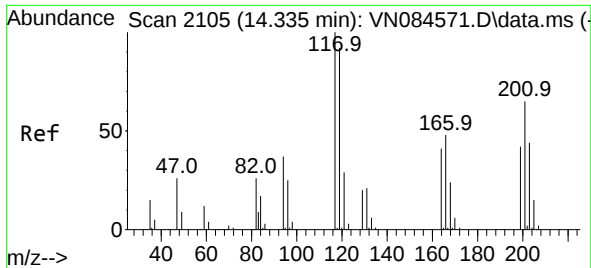
Delta R.T. -0.000 min

Lab File: VN084920.D

Acq: 18 Nov 2024 15:16

Tgt Ion: 91 Resp: 6478
Ion Ratio Lower Upper
91 100
92 47.5 26.6 79.7
134 0.0 12.3 36.9#

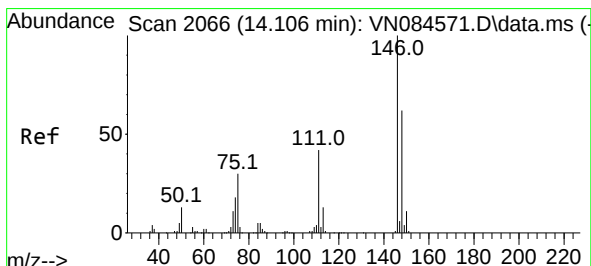
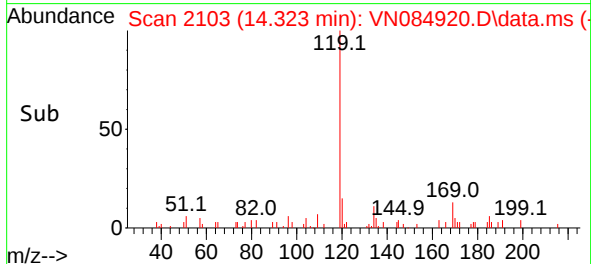
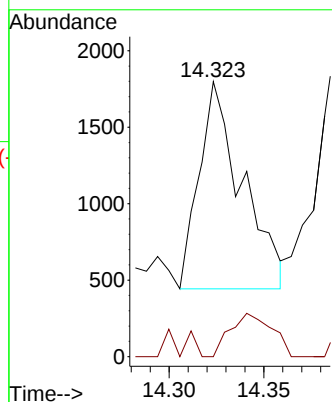
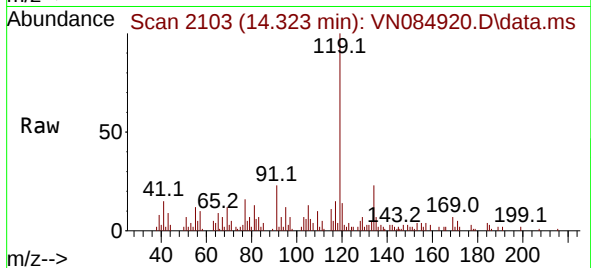




#90
Hexachloroethane
Concen: 1.221 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

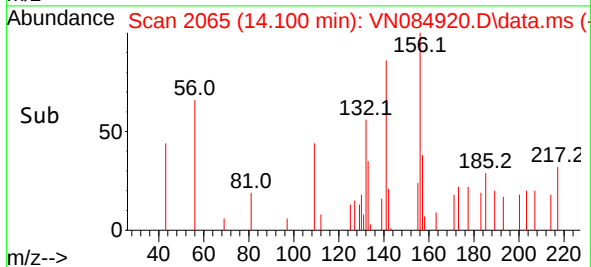
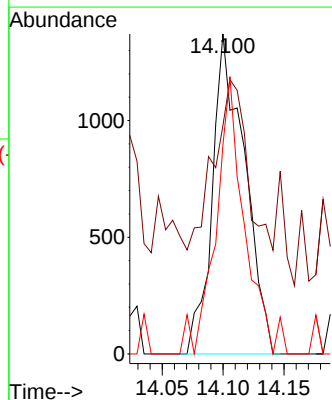
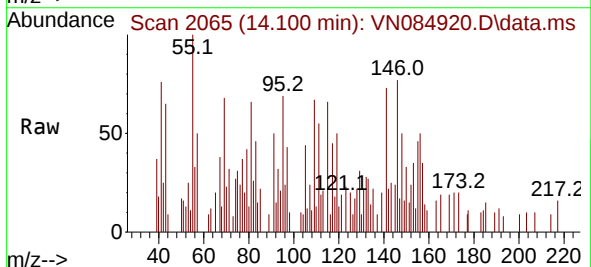
Instrument :
MSVOA_N
ClientSampleId :

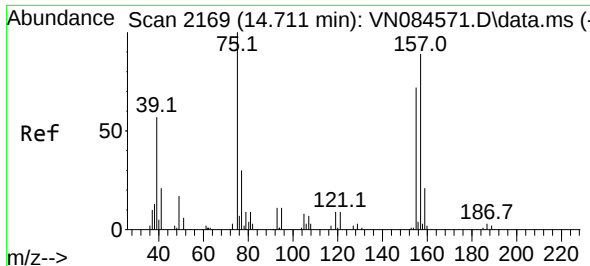
Tgt Ion:117 Resp: 2144
Ion Ratio Lower Upper
117 100
201 20.2 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 0.508 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Tgt Ion:146 Resp: 2538
Ion Ratio Lower Upper
146 100
111 50.3 22.0 66.0
148 76.8 32.1 96.3

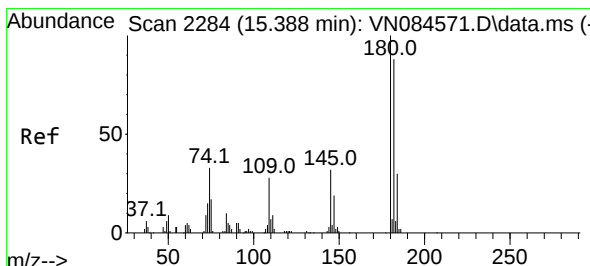
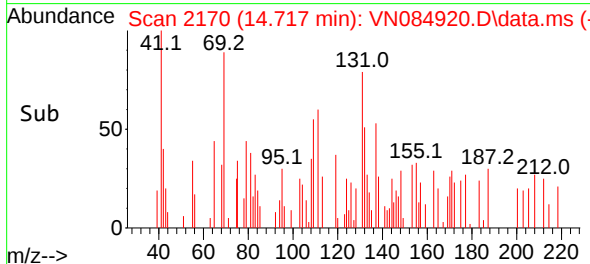
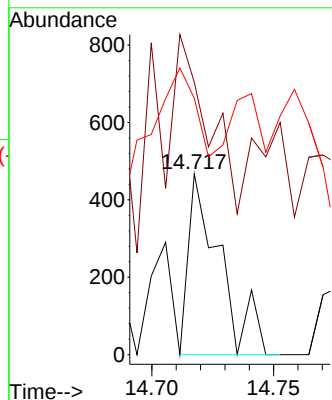
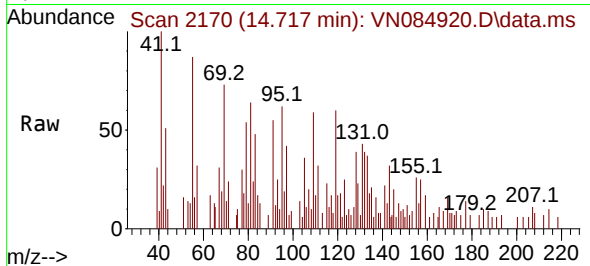




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.628 ug/l
 RT: 14.717 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

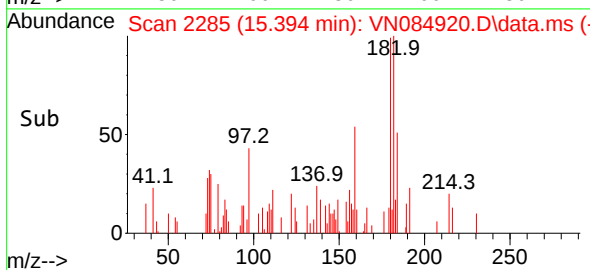
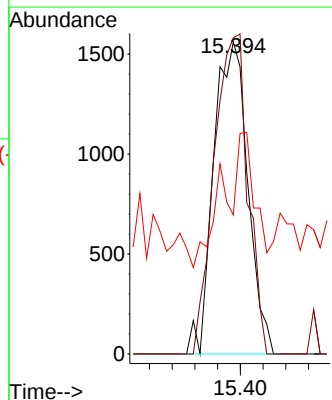
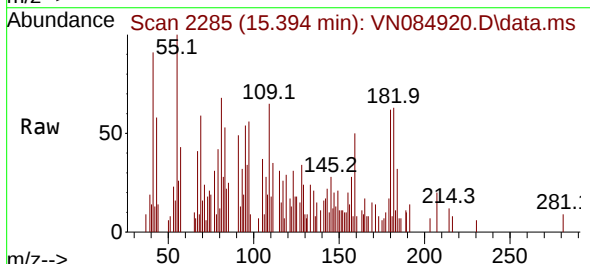
Instrument :
 MSVOA_N
 ClientSampleId :

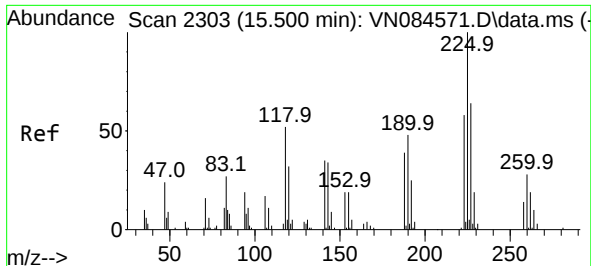
Tgt Ion: 75 Resp: 421
 Ion Ratio Lower Upper
 75 100
 155 205.5 38.1 114.5#
 157 51.5 49.6 149.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.189 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

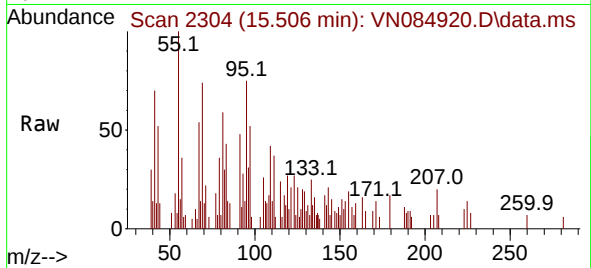
Tgt Ion: 180 Resp: 3253
 Ion Ratio Lower Upper
 180 100
 182 101.0 47.0 141.0
 145 19.4 16.4 49.4



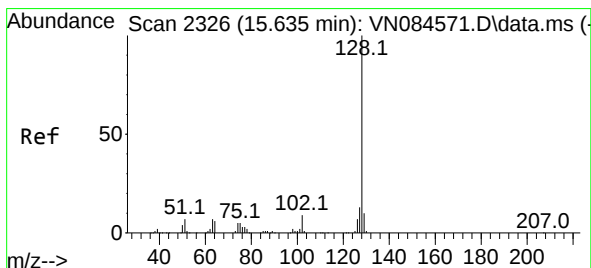
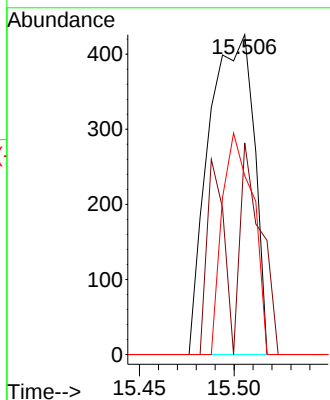
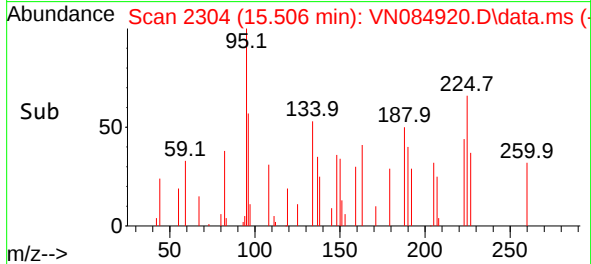


#94
Hexachlorobutadiene
Concen: 0.587 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :

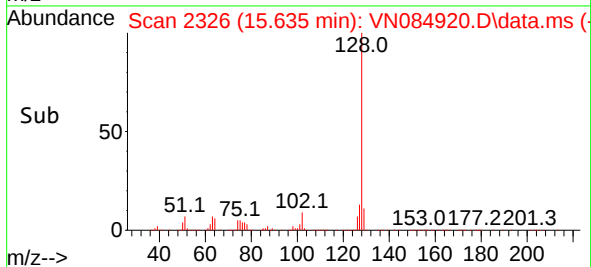
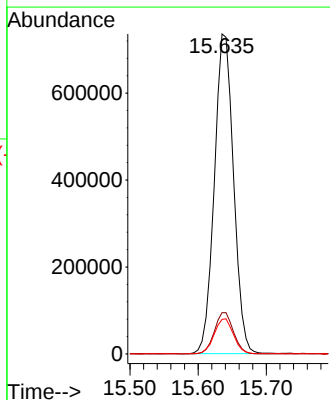
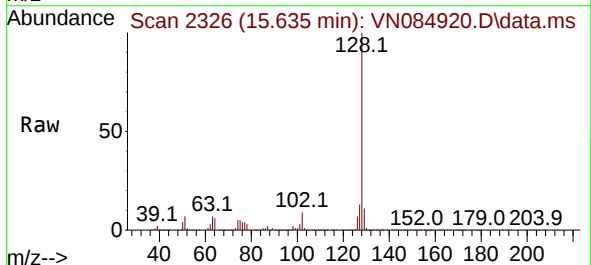


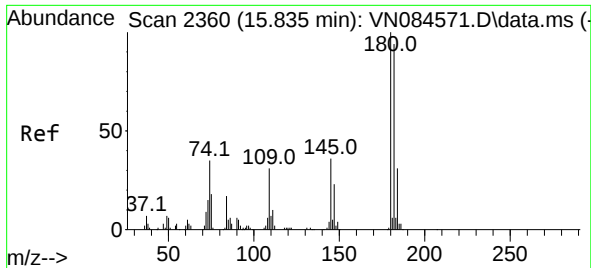
Tgt Ion:225 Resp: 705
Ion Ratio Lower Upper
225 100
223 30.5 32.4 97.2#
227 47.4 32.4 97.0



#95
Naphthalene
Concen: 176.270 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN084920.D
Acq: 18 Nov 2024 15:16

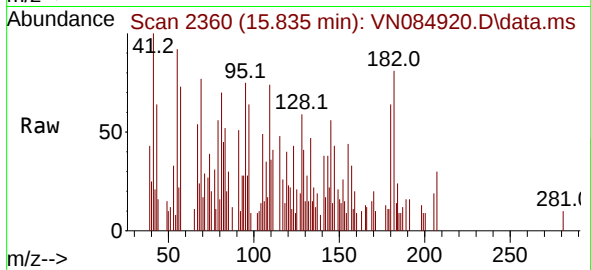
Tgt Ion:128 Resp: 1443039
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.080 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084920.D
 Acq: 18 Nov 2024 15:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2867
Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.2	144.6
145	44.0	17.3	51.9

