

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084793.D
 Acq On : 12 Nov 2024 14:01
 Operator : JC\MD
 Sample : PB164761TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 23:35:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	162036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	277946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112433	48.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.080%		
35) Dibromofluoromethane	8.159	113	90740	48.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.460%		
50) Toluene-d8	10.565	98	316292	45.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.280%		
62) 4-Bromofluorobenzene	12.847	95	114641	44.261	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	658	Below Cal	#	41
5) Bromomethane	2.907	94	656	0.618	ug/l #	51
6) Chloroethane	3.095	64	281	Below Cal	#	45
11) Tert butyl alcohol	5.542	59	240	0.777	ug/l #	73
16) Acetone	4.430	43	1214	Below Cal	#	44
17) Carbon Disulfide	4.695	76	1602	0.282	ug/l #	75
18) Methyl Acetate	5.024	43	3152	Below Cal	#	86
20) Methylene Chloride	5.271	84	12552	6.098	ug/l	85
31) Cyclohexane	8.218	56	3420	1.058	ug/l #	1
38) Carbon Tetrachloride	8.218	117	17562	6.022	ug/l #	16
43) Isopropyl Acetate	8.659	43	2572	Below Cal	#	56
44) Trichloroethene	9.353	130	396	0.205	ug/l	82
51) 4-Methyl-2-Pentanone	10.441	43	828	0.367	ug/l #	63
53) t-1,3-Dichloropropene	10.836	75	772	0.255	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	383	0.307	ug/l #	48
59) 2-Hexanone	11.200	43	612	0.373	ug/l #	42
64) Tetrachloroethene	11.094	164	368	0.233	ug/l #	44
65) Chlorobenzene	11.888	112	1887	0.355	ug/l #	86
67) Ethyl Benzene	11.959	91	2127	0.239	ug/l	96
68) m/p-Xylenes	12.071	106	1717	0.511	ug/l	95
70) Styrene	12.406	104	1975	0.360	ug/l #	81
71) Bromoform	12.588	173	461	0.331	ug/l #	30
76) 1,2,3-Trichloropropane	12.847	75	59500	28.728	ug/l #	1
77) Bromobenzene	12.977	156	1078	0.552	ug/l	72
78) n-propylbenzene	13.035	91	3412	0.401	ug/l	90
79) 2-Chlorotoluene	13.124	91	1872	0.337	ug/l	87
80) 1,3,5-Trimethylbenzene	13.177	105	1805	0.300	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.847	75	59500	68.154	ug/l #	11
82) 4-Chlorotoluene	13.218	91	3446	0.589	ug/l	90
84) 1,2,4-Trimethylbenzene	13.477	105	1746	0.281	ug/l	86
85) sec-Butylbenzene	13.618	105	2146	0.305	ug/l	87
86) p-Isopropyltoluene	13.729	119	1747	0.303	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	2604	0.684	ug/l	91
88) 1,4-Dichlorobenzene	13.729	146	2604	Below Cal		91
89) n-Butylbenzene	14.059	91	3228	0.598	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	2108	0.576	ug/l	93

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Sample : PB164761TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

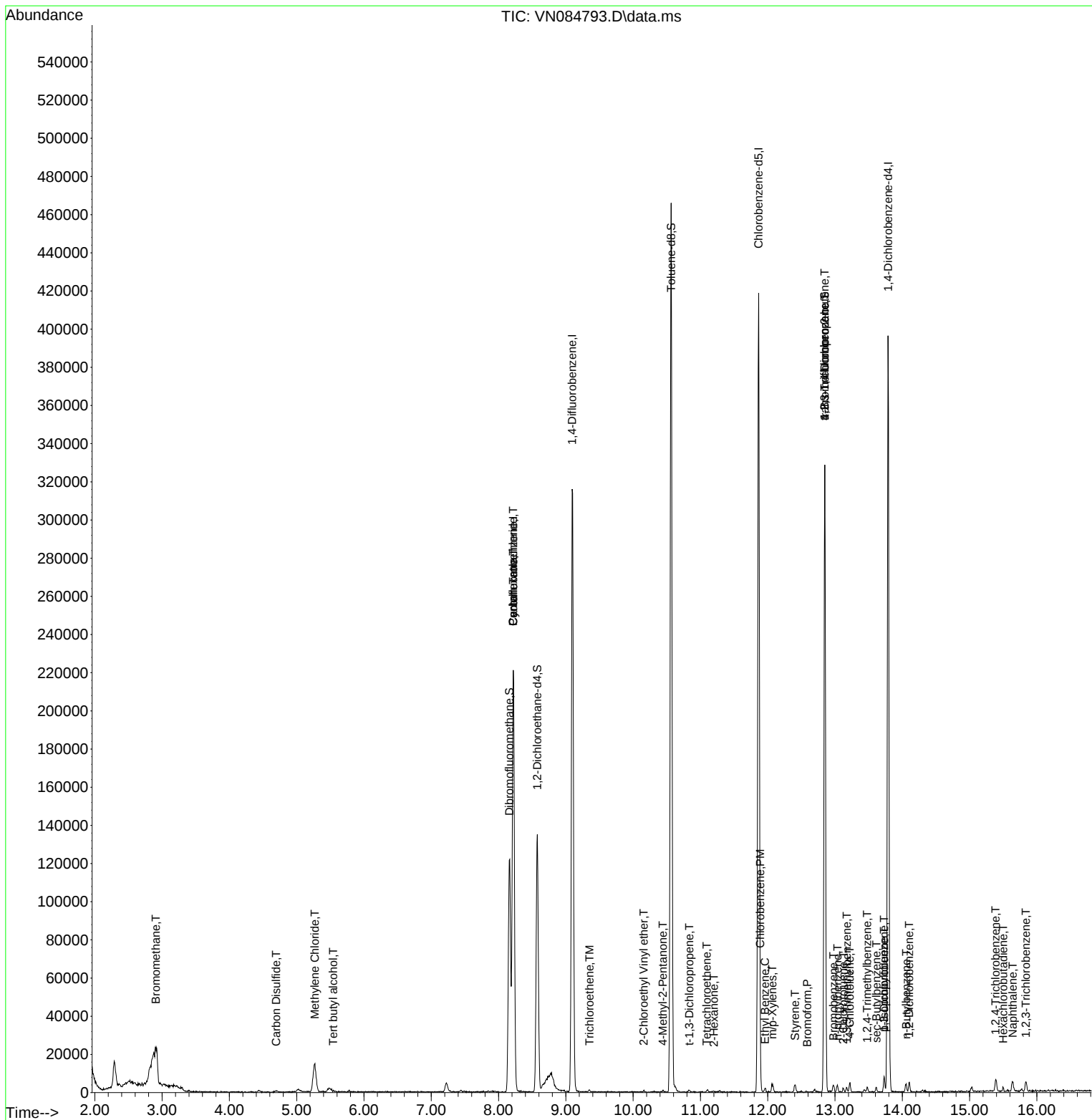
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MSVOA_N
ClientSampleId :

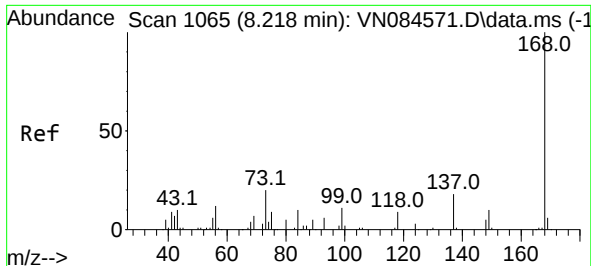
Quant Time: Nov 12 23:35:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.388	180	2591	1.293	ug/l	98
94) Hexachlorobutadiene	15.500	225	774	0.880	ug/l #	48
95) Naphthalene	15.641	128	6153	1.026	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	2090	1.075	ug/l	89

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

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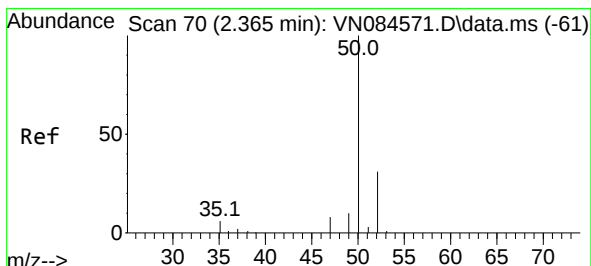
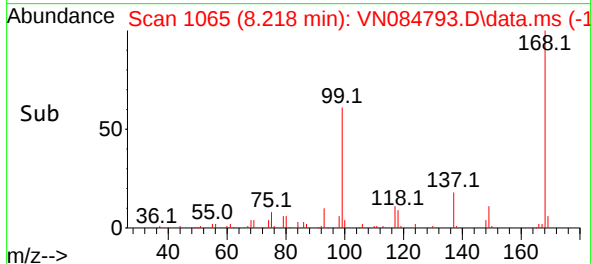
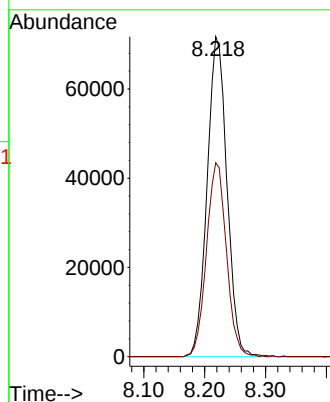
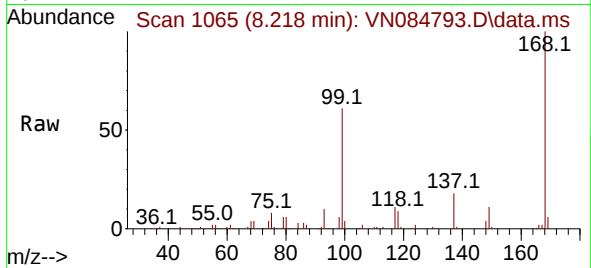




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

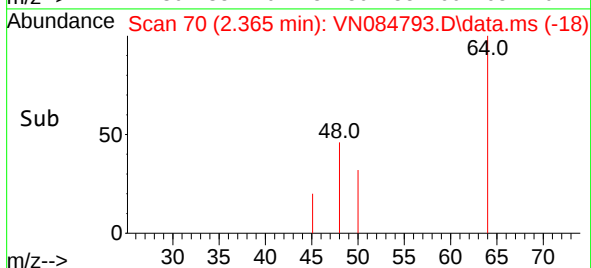
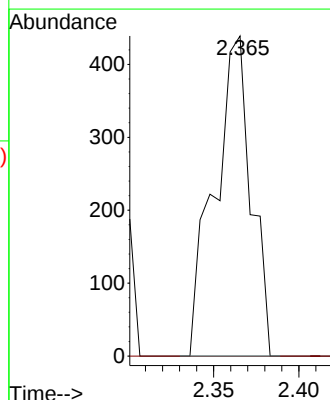
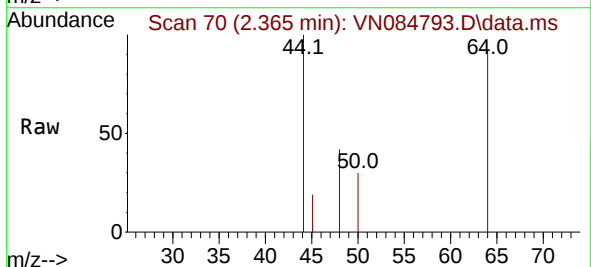
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MSVOA_N
ClientSampleId :

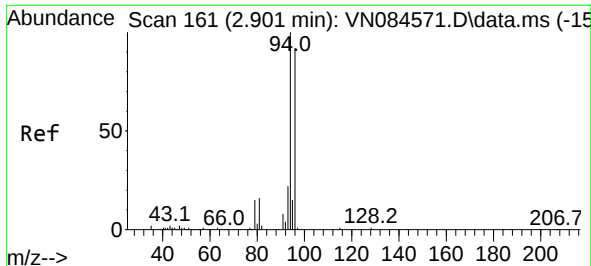
Tgt Ion:168 Resp: 162036
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 50 Resp: 658
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

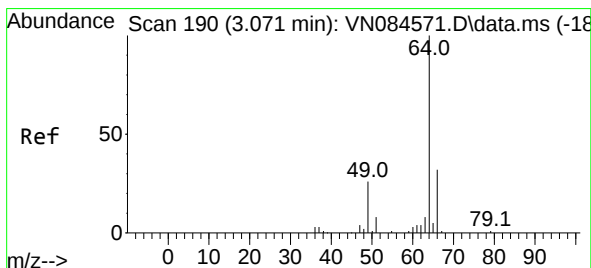
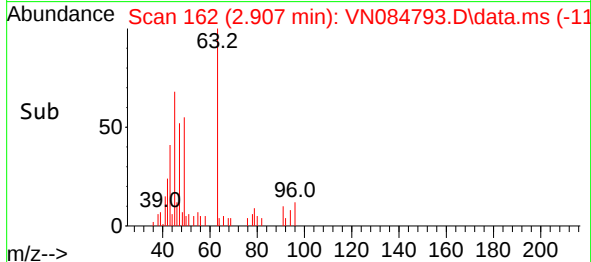
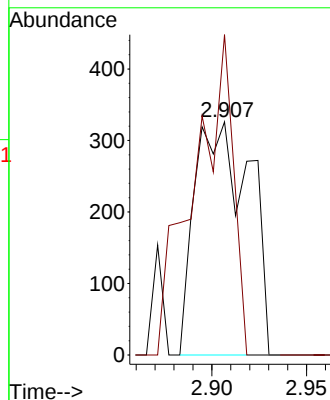
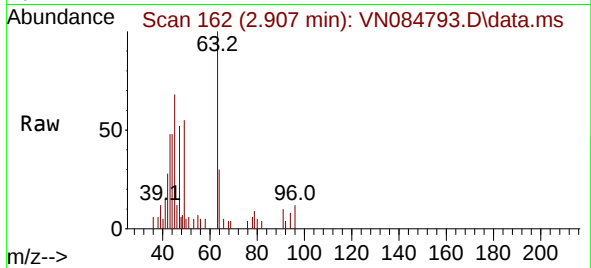




#5
Bromomethane
Concen: 0.618 ug/l
RT: 2.907 min Scan# 11
Delta R.T. -0.046 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

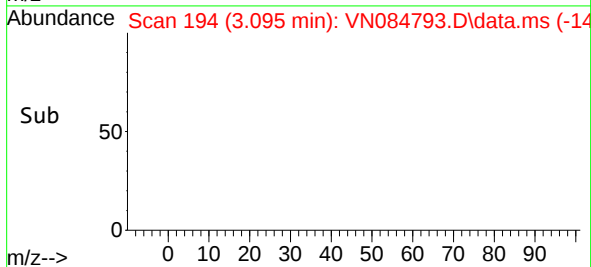
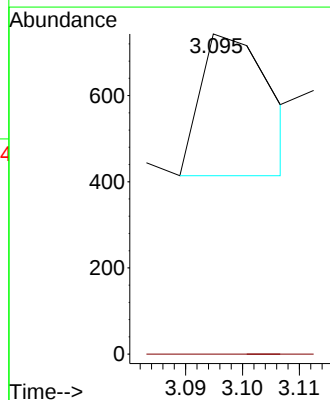
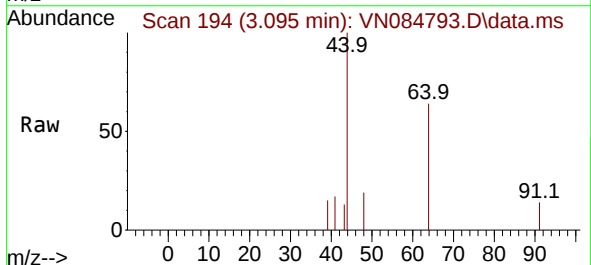
Instrument :
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ClientSampleId :

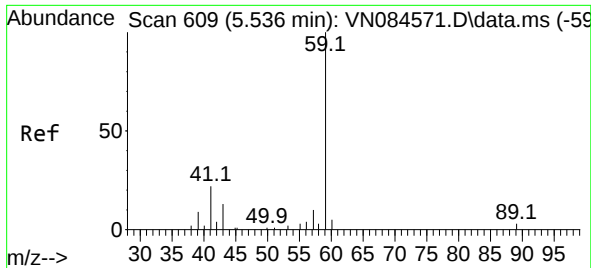
Tgt Ion: 94 Resp: 656
Ion Ratio Lower Upper
94 100
96 137.4 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.095 min Scan# 194
Delta R.T. -0.023 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 64 Resp: 281
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

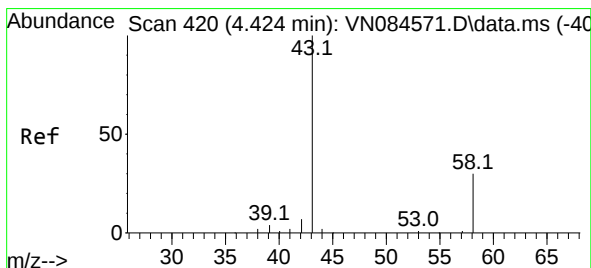
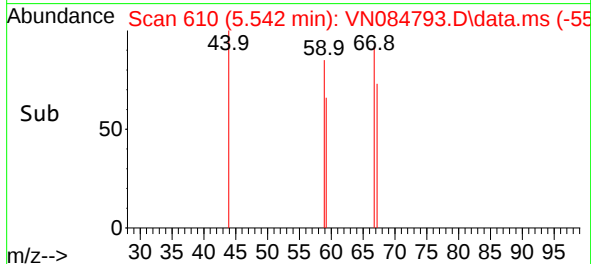
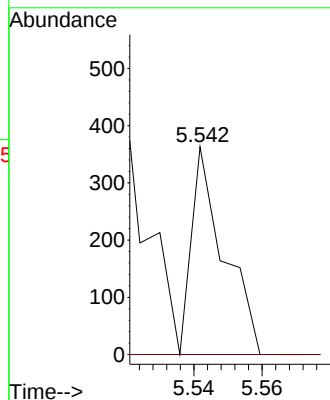
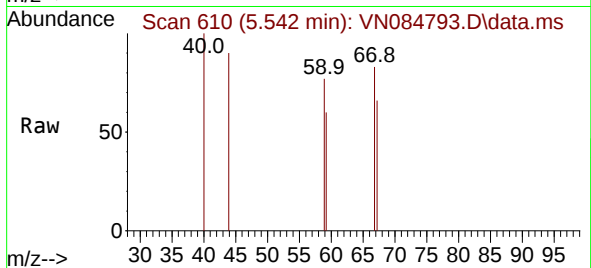




#11
Tert butyl alcohol
Concen: 0.777 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

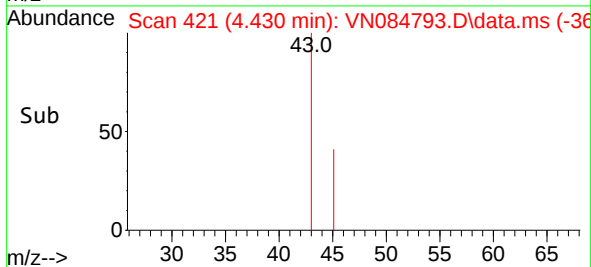
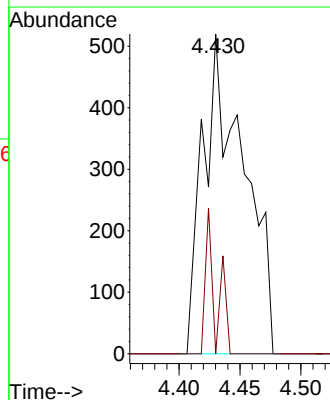
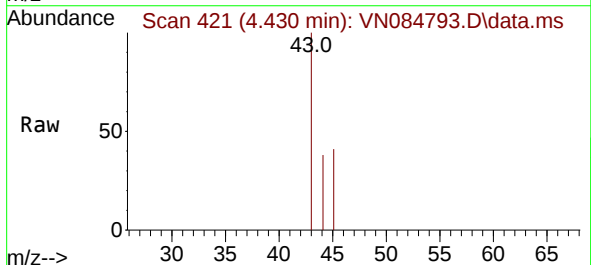
Instrument :
MSVOA_N
ClientSampleId :

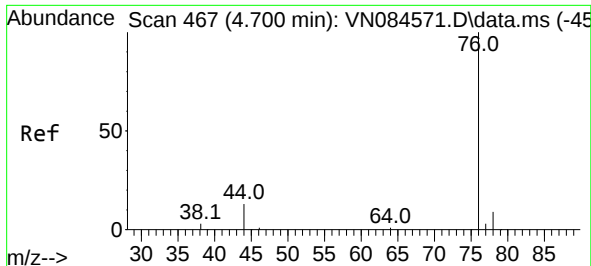
Tgt Ion: 59 Resp: 240
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

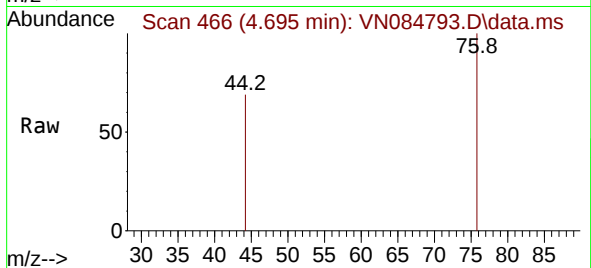
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



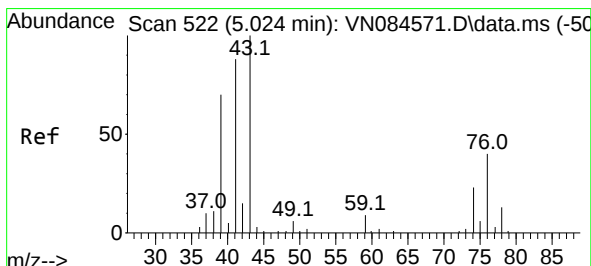
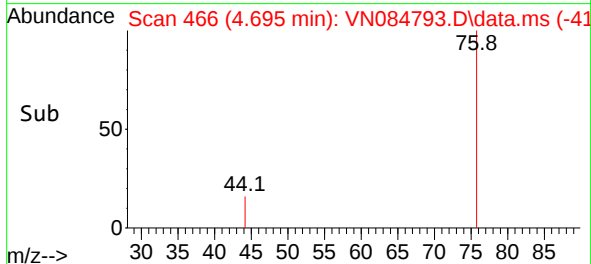
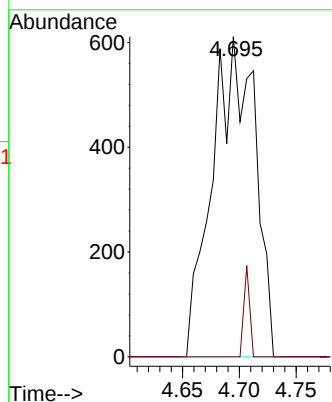


#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :

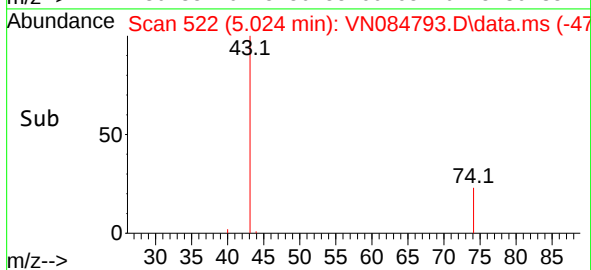
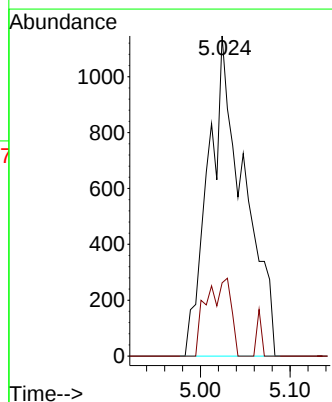
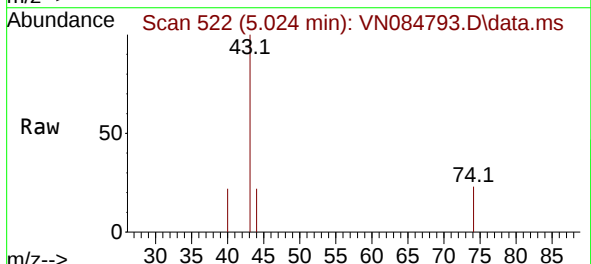


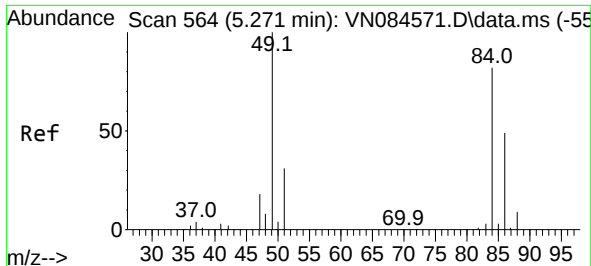
Tgt Ion: 76 Resp: 1602
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

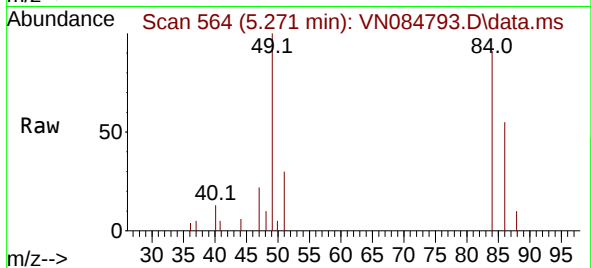
Tgt Ion: 43 Resp: 3152
Ion Ratio Lower Upper
43 100
74 16.8 19.2 28.8#



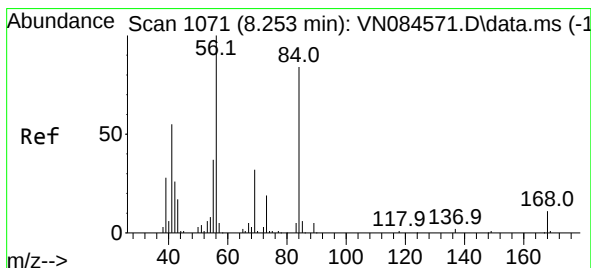
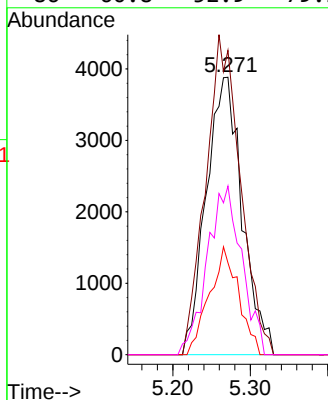
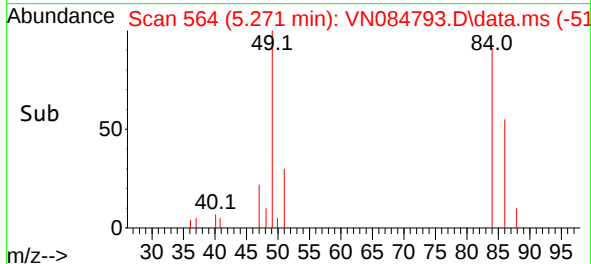


#20
Methylene Chloride
Concen: 6.098 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

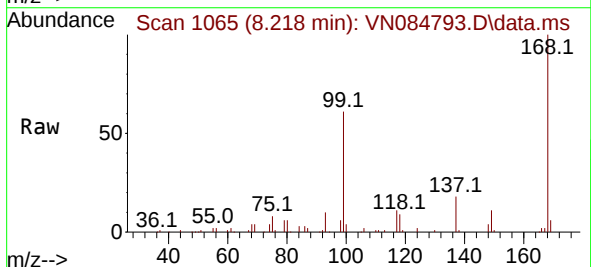
Instrument :
MSVOA_N
ClientSampleId :



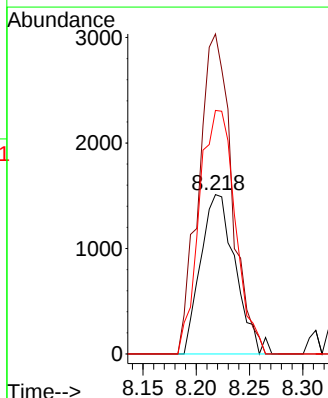
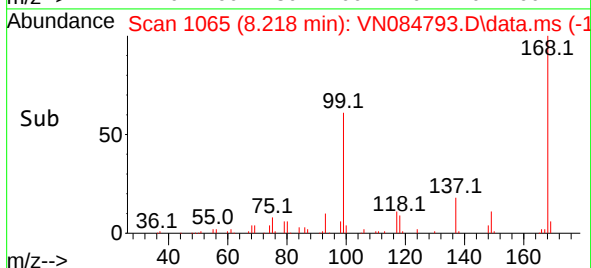
Tgt Ion:	84	Resp:	12552
Ion	Ratio	Lower	Upper
84	100		
49	109.7	107.2	160.8
51	33.1	31.8	47.8
86	60.8	52.9	79.3

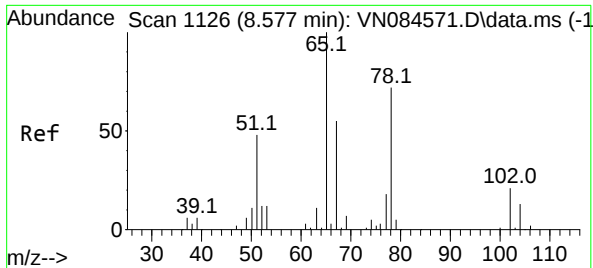


#31
Cyclohexane
Concen: 1.058 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01



Tgt Ion:	56	Resp:	3420
Ion	Ratio	Lower	Upper
56	100		
69	200.8	23.8	35.6#
84	152.8	68.8	103.2#

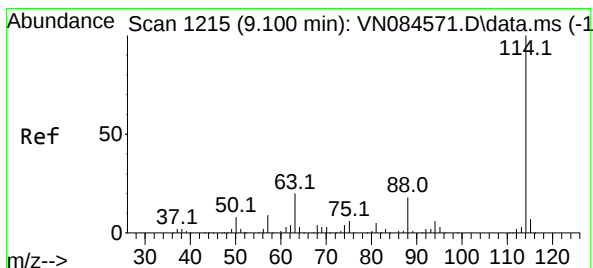
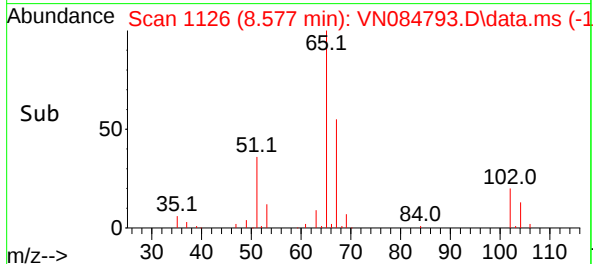
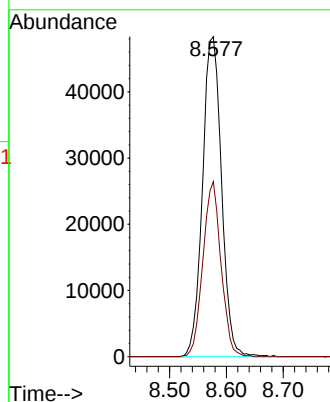
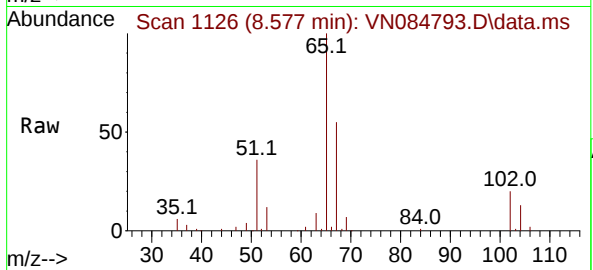




#33
 1,2-Dichloroethane-d4
 Concen: 48.041 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

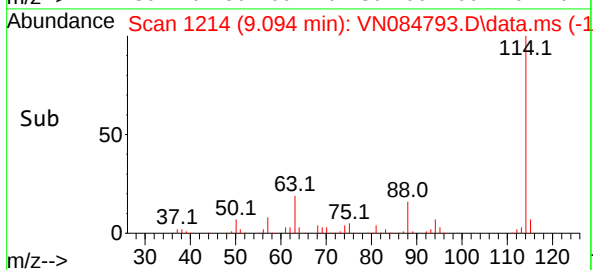
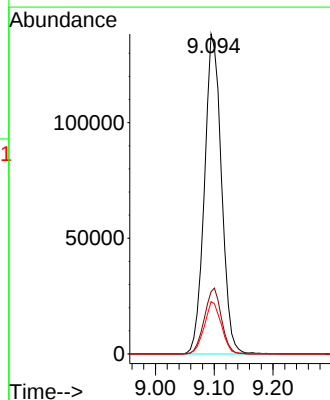
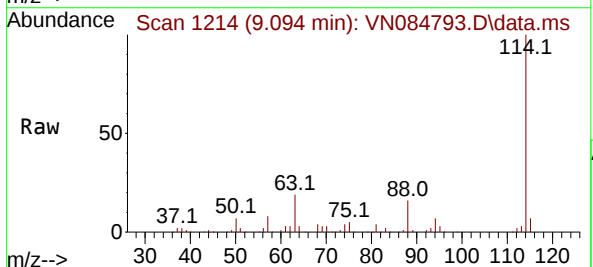
Instrument :
 MSVOA_N
 ClientSampleId :

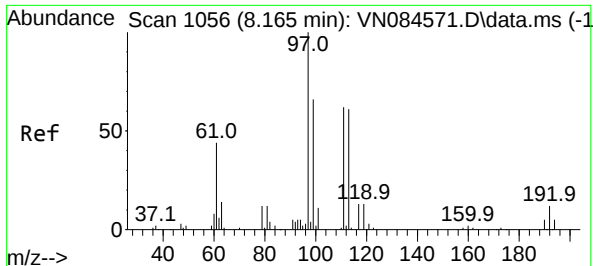
Tgt Ion: 65 Resp: 112433
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

Tgt Ion: 114 Resp: 277946
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.8
 88 16.4 0.0 31.6

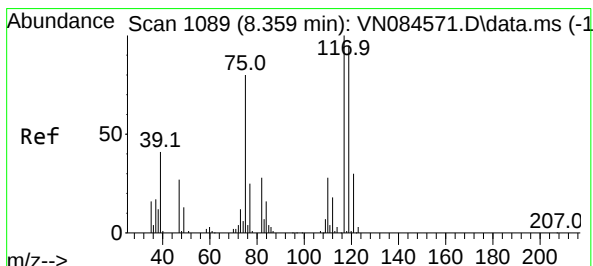
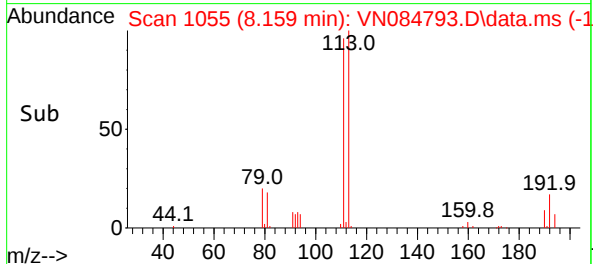
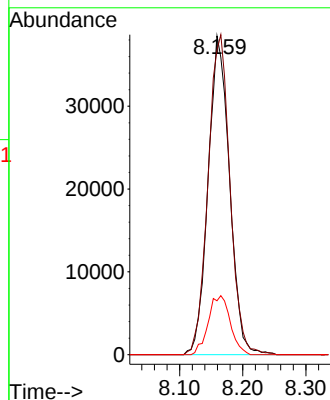
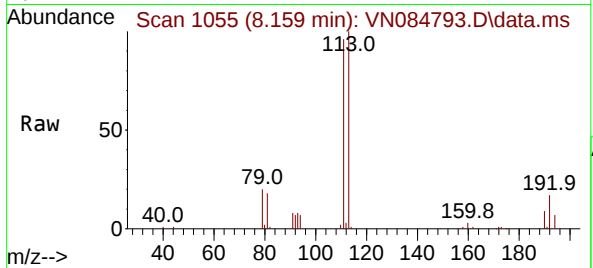




#35
 Dibromofluoromethane
 Concen: 48.231 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

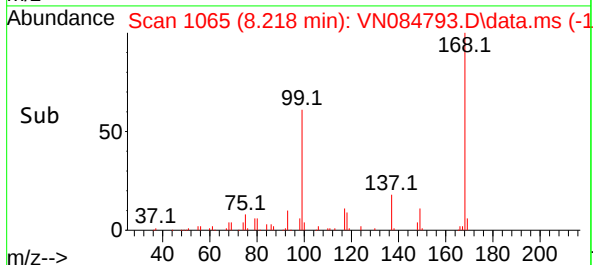
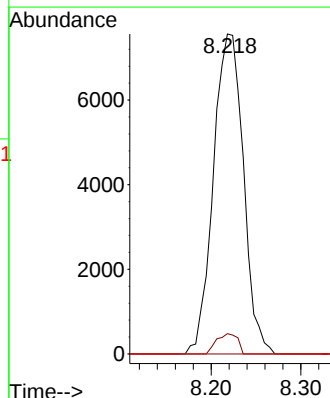
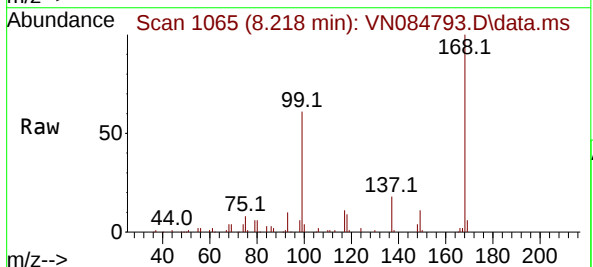
Instrument :
 MSVOA_N
 ClientSampleId :

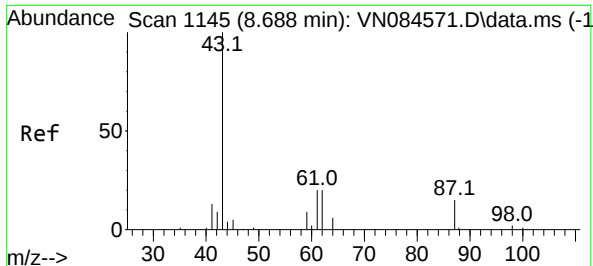
Tgt Ion:113 Resp: 90740
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.3 124.9
 192 19.0 13.5 20.3



#38
 Carbon Tetrachloride
 Concen: 6.022 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.141 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

Tgt Ion:117 Resp: 17562
 Ion Ratio Lower Upper
 117 100
 119 6.3 78.7 118.1#
 121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.659 min Scan# 1145

Delta R.T. -0.029 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

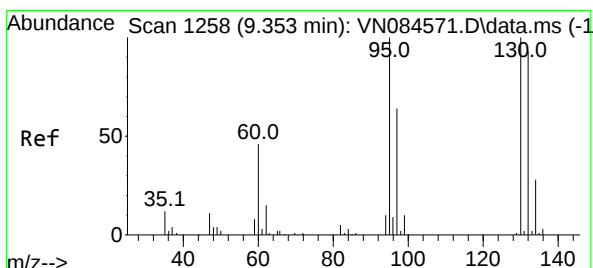
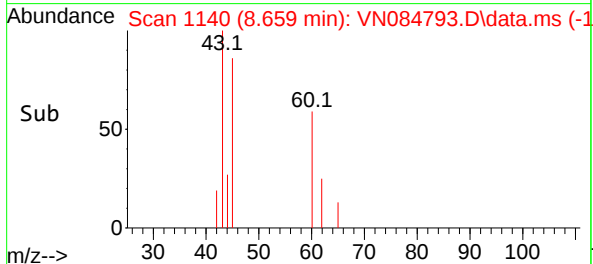
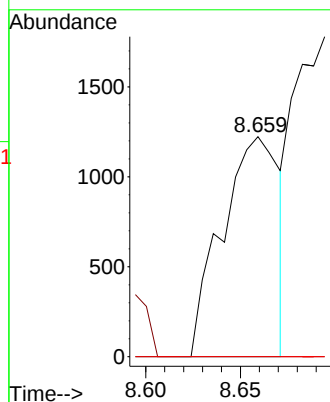
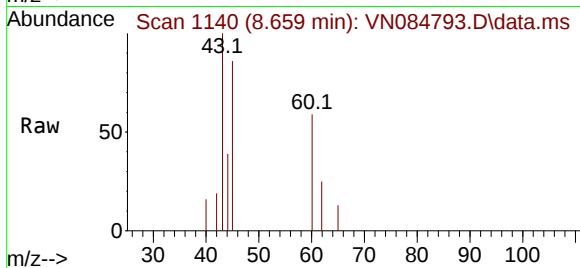
Tgt Ion: 43 Resp: 2572

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 0.205 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084793.D

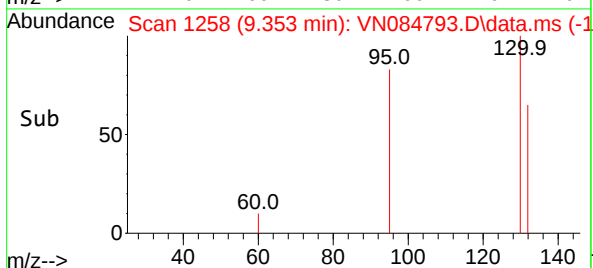
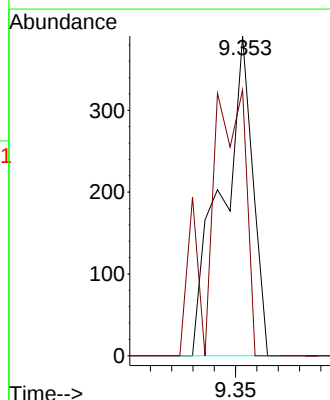
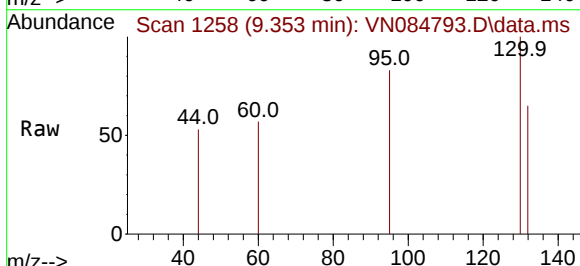
Acq: 12 Nov 2024 14:01

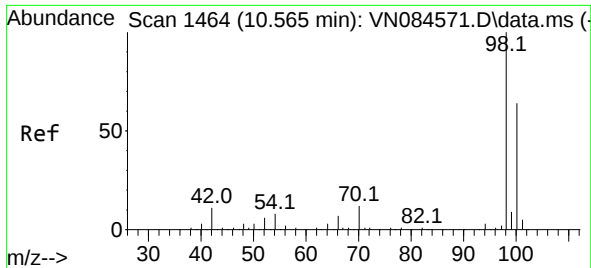
Tgt Ion:130 Resp: 396

Ion Ratio Lower Upper

130 100

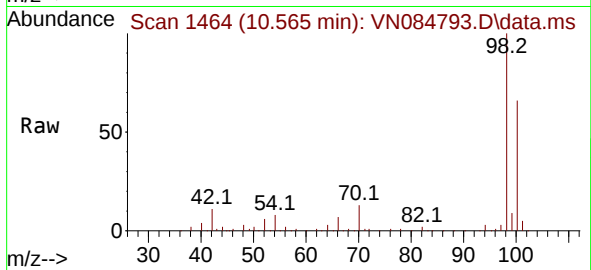
95 83.1 0.0 203.0



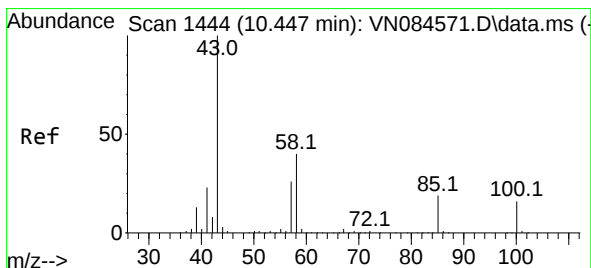
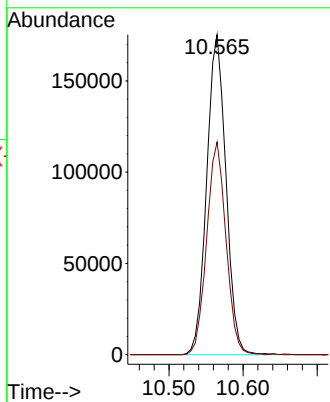
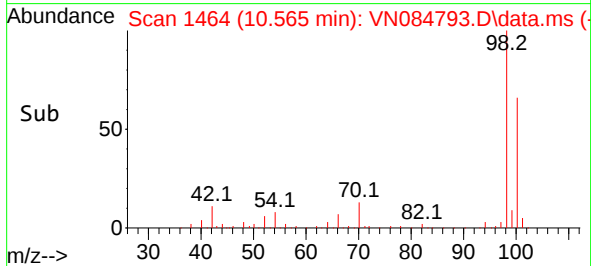


#50
Toluene-d8
Concen: 45.639 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

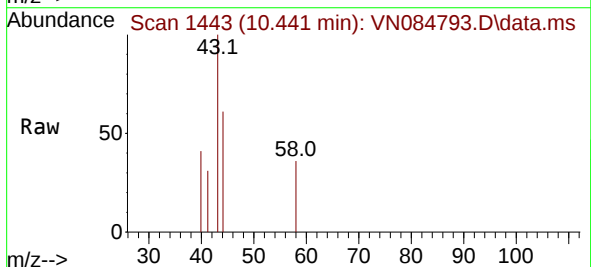
Instrument :
MSVOA_N
ClientSampleId :



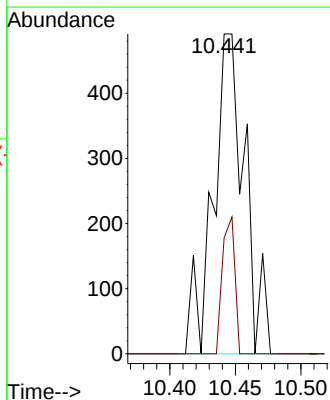
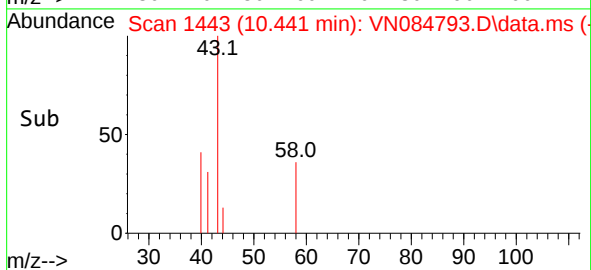
Tgt Ion: 98 Resp: 316292
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1

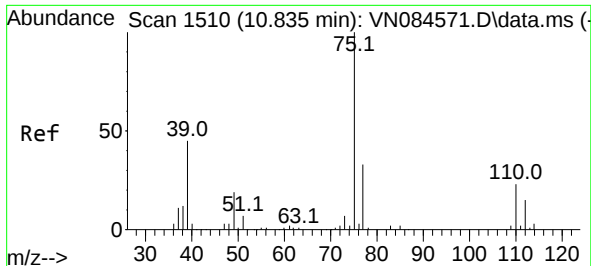


#51
4-Methyl-2-Pentanone
Concen: 0.367 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01



Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 16.5 31.6 47.4#

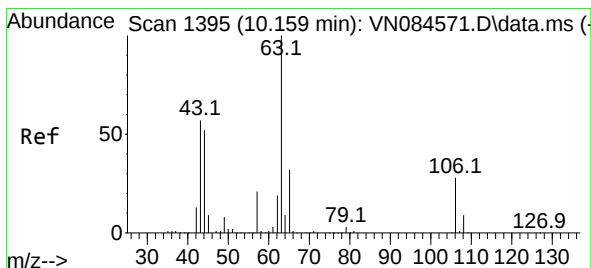
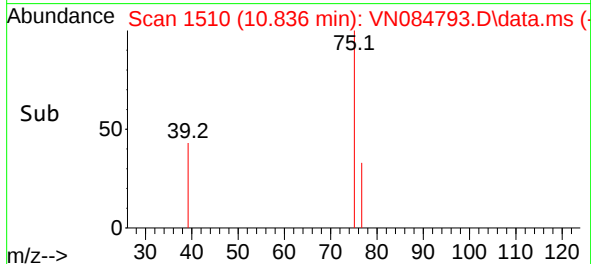
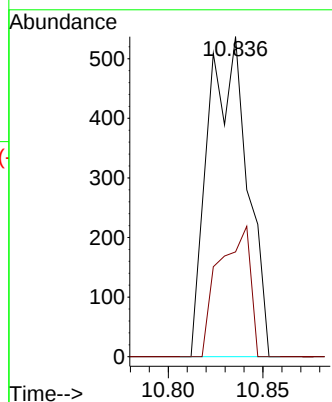
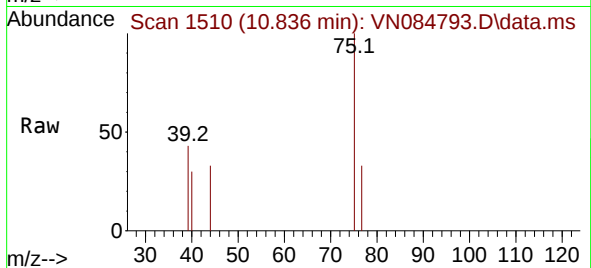




#53
t-1,3-Dichloropropene
Concen: 0.255 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

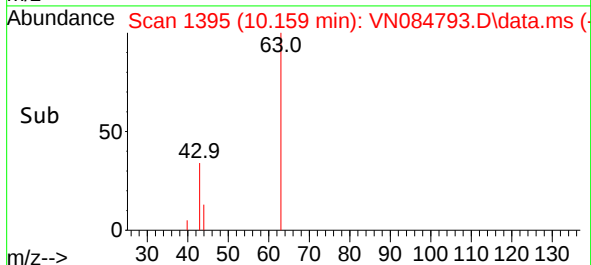
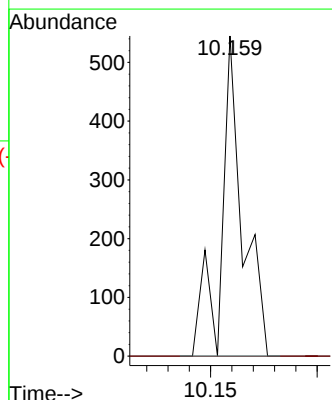
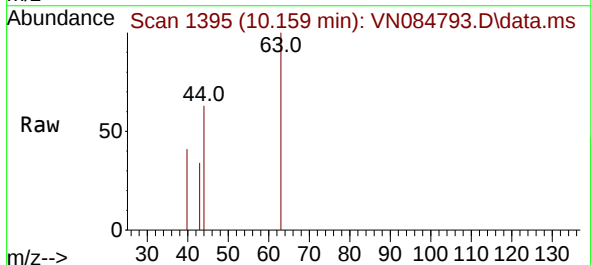
Instrument :
MSVOA_N
ClientSampleId :

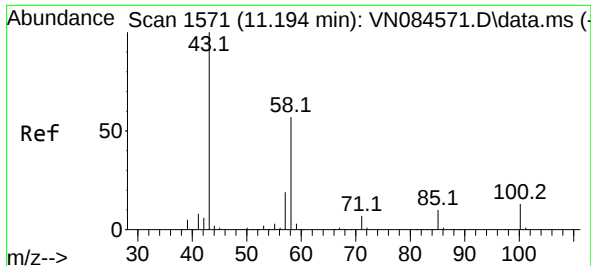
Tgt Ion: 75 Resp: 772
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.307 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

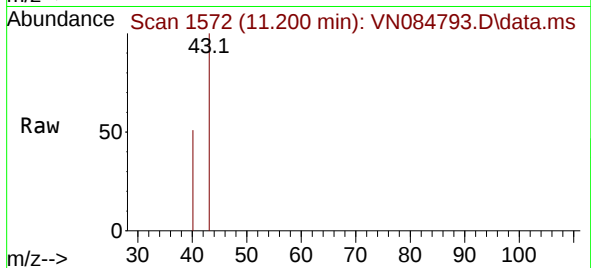
Tgt Ion: 63 Resp: 383
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



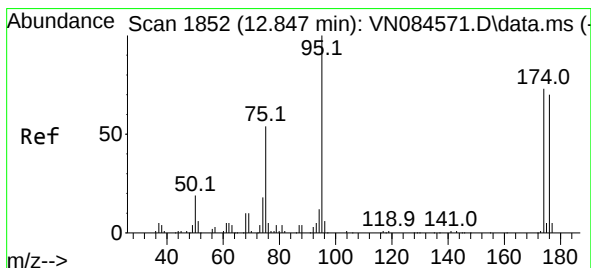
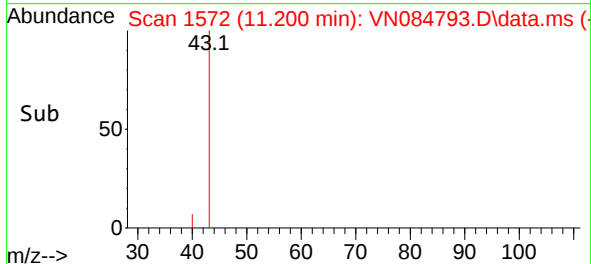
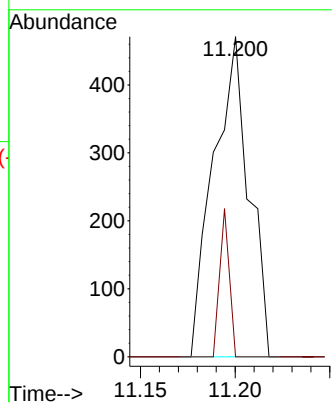


#59
2-Hexanone
Concen: 0.373 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :

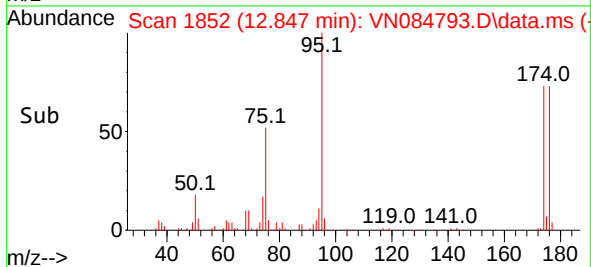
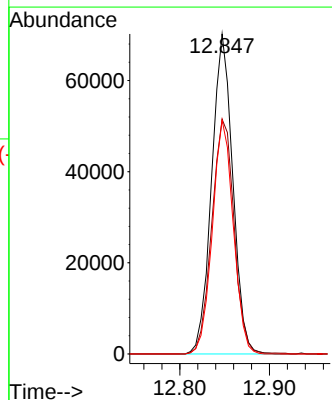
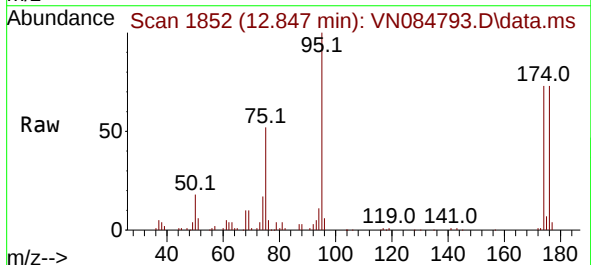


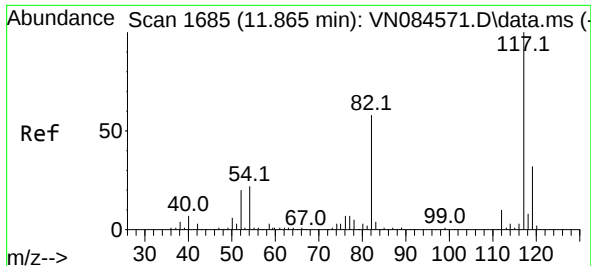
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 12.6 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 44.261 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 95 Resp: 114641
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.2
176 72.3 0.0 140.0

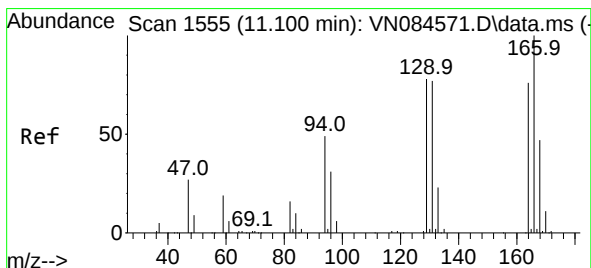
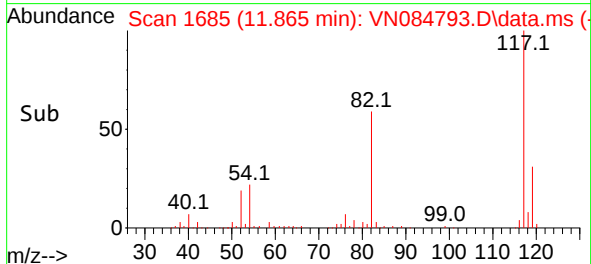
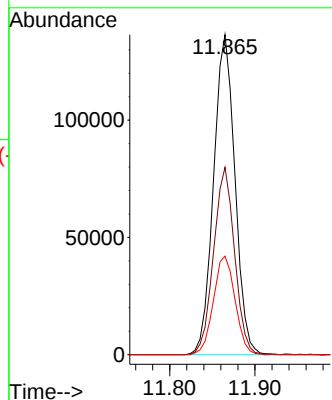
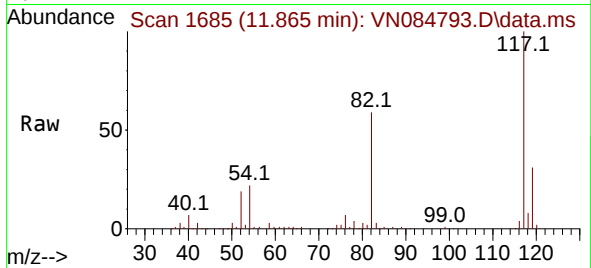




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

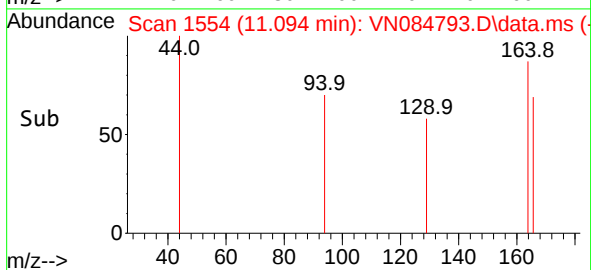
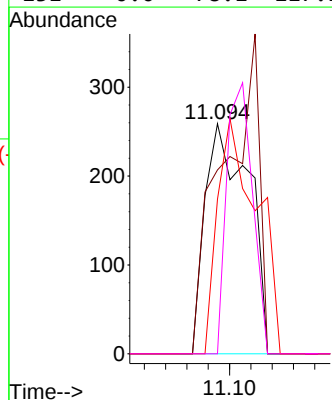
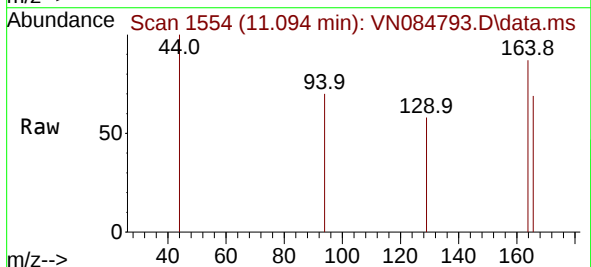
Instrument :
MSVOA_N
ClientSampleId :

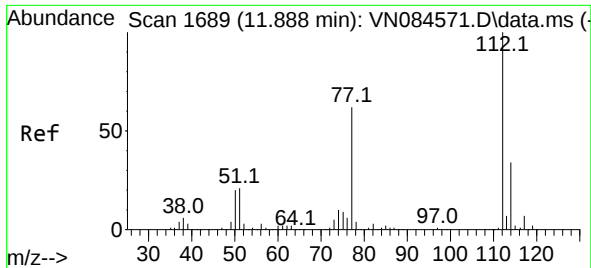
Tgt Ion:117 Resp: 237845
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 30.8 25.4 38.0



#64
Tetrachloroethene
Concen: 0.233 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion:164 Resp: 368
Ion Ratio Lower Upper
164 100
166 79.9 101.0 151.4#
129 67.2 80.8 121.2#
131 0.0 78.1 117.1#

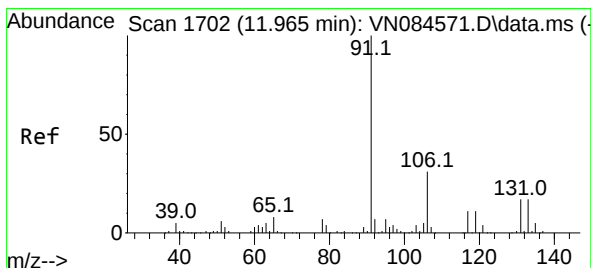
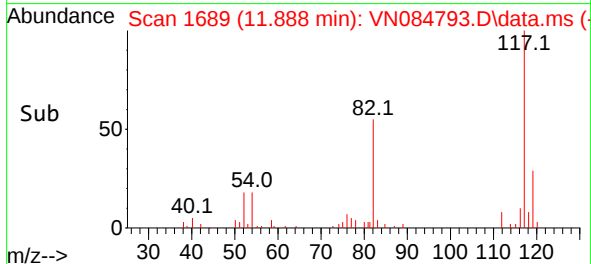
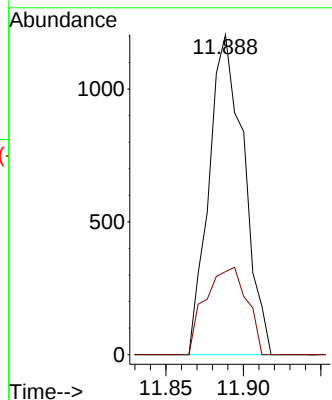
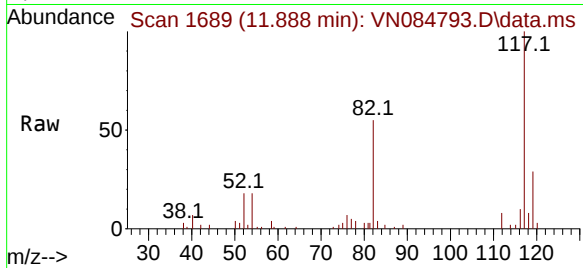




#65
Chlorobenzene
Concen: 0.355 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

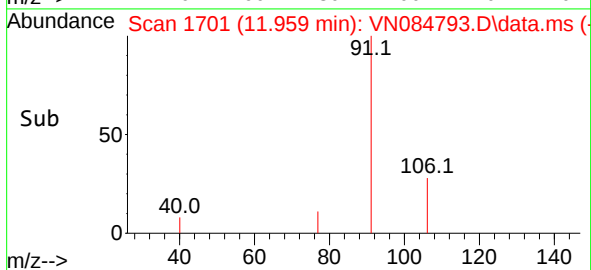
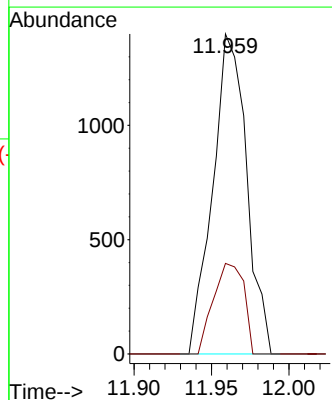
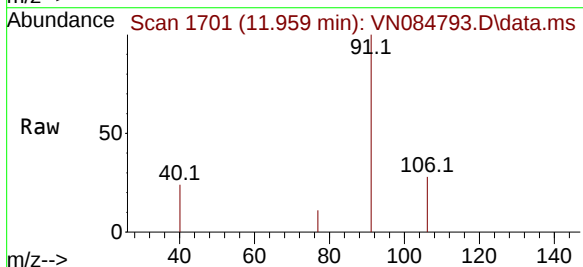
Instrument :
MSVOA_N
ClientSampleId :

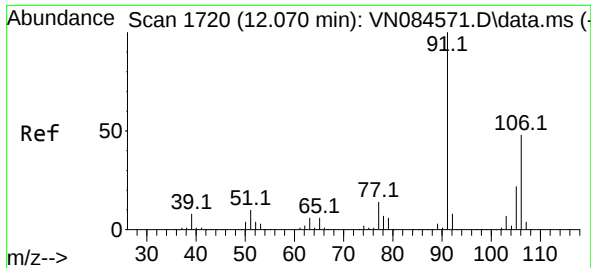
Tgt Ion:112 Resp: 1887
Ion Ratio Lower Upper
112 100
114 26.0 27.0 40.6#



#67
Ethyl Benzene
Concen: 0.239 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 91 Resp: 2127
Ion Ratio Lower Upper
91 100
106 28.3 24.5 36.7

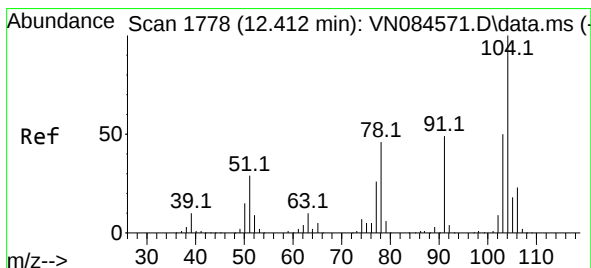
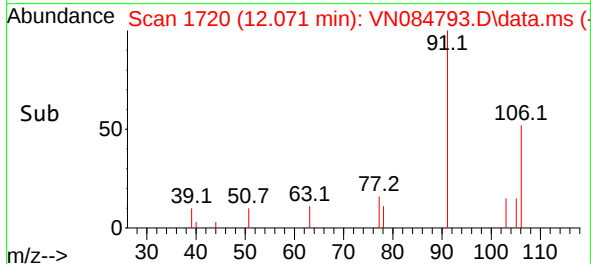
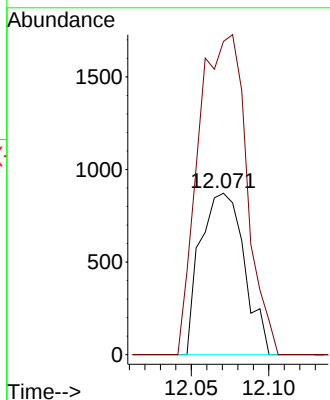
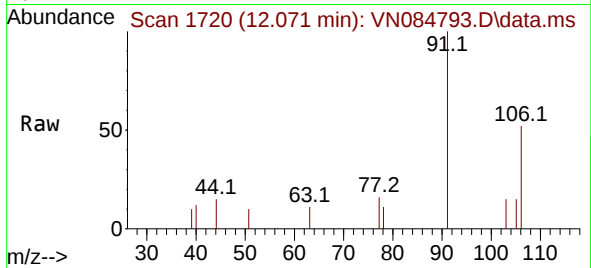




#68
m/p-Xylenes
Concen: 0.511 ug/l
RT: 12.071 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

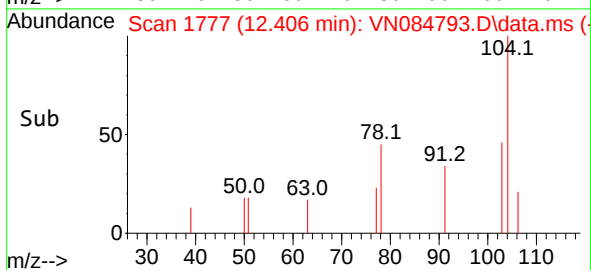
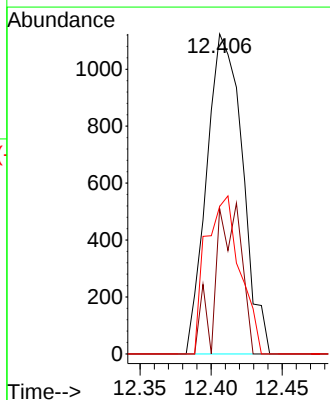
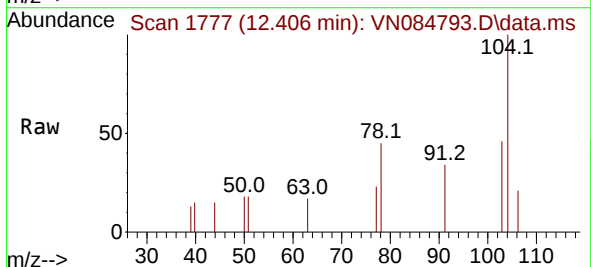
Instrument :
MSVOA_N
ClientSampleId :

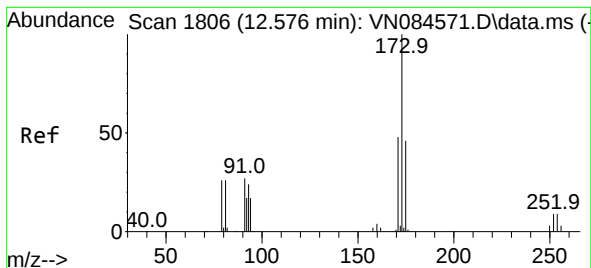
Tgt Ion:106 Resp: 1717
Ion Ratio Lower Upper
106 100
91 217.4 167.1 250.7



#70
Styrene
Concen: 0.360 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion:104 Resp: 1975
Ion Ratio Lower Upper
104 100
78 34.1 42.7 64.1#
103 46.9 43.6 65.4





#71

Bromoform

Concen: 0.331 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.012 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

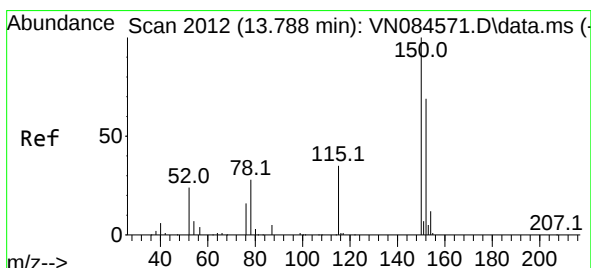
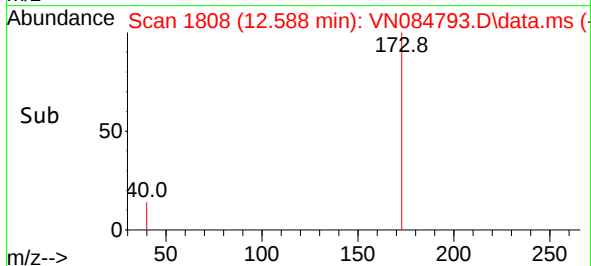
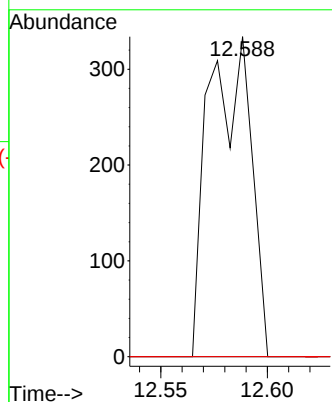
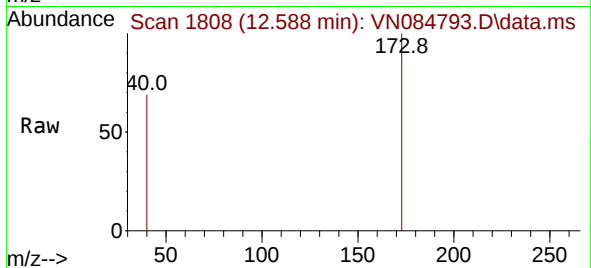
Tgt Ion:173 Resp: 461

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: VN084793.D

Acq: 12 Nov 2024 14:01

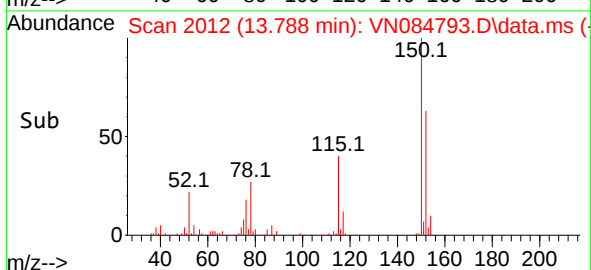
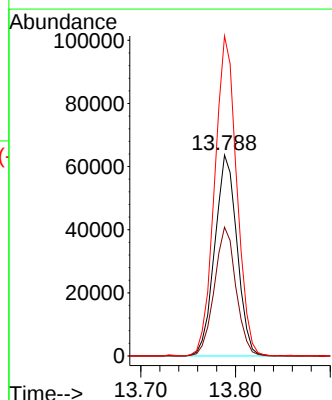
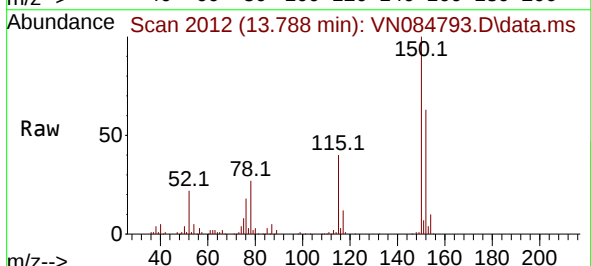
Tgt Ion:152 Resp: 103613

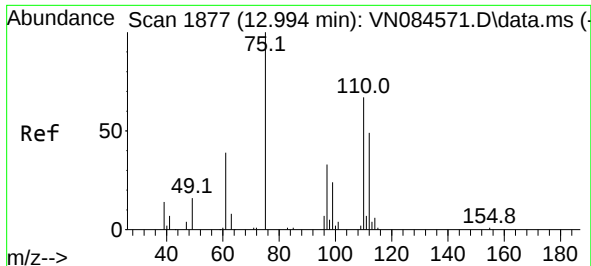
Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 158.3 0.0 349.8

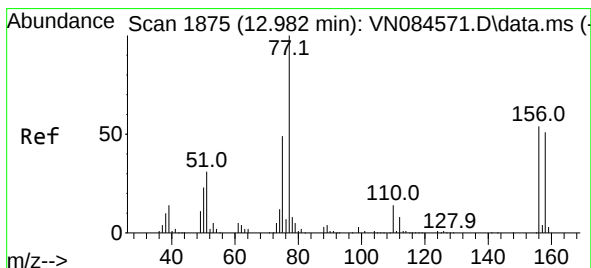
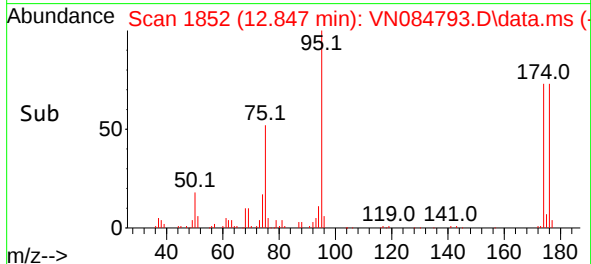
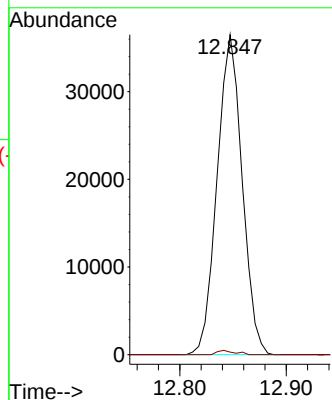
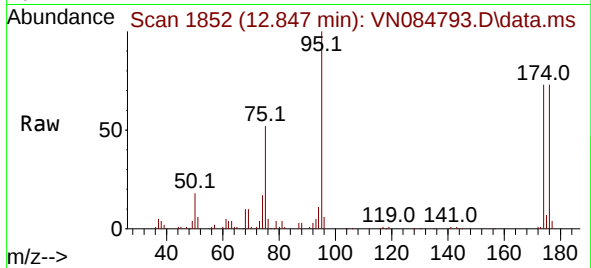




#76
1,2,3-Trichloropropane
Concen: 28.728 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

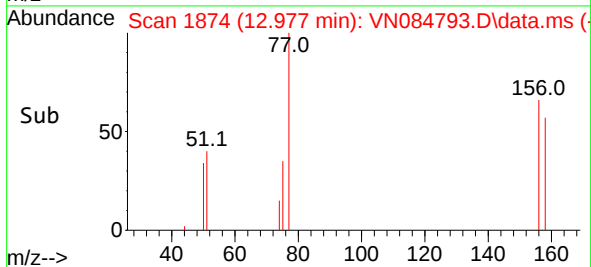
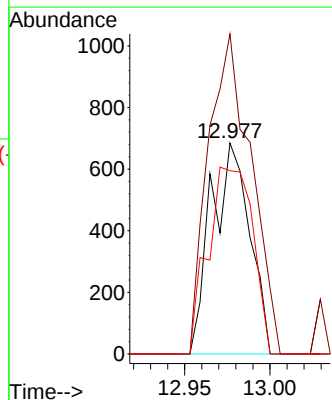
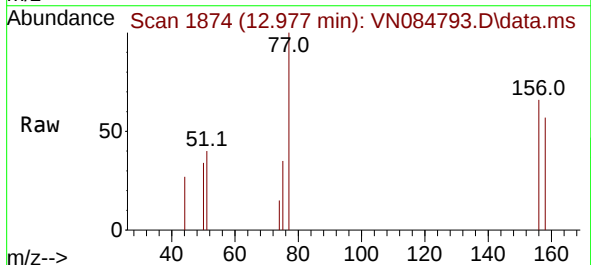
Instrument :
MSVOA_N
ClientSampleId :

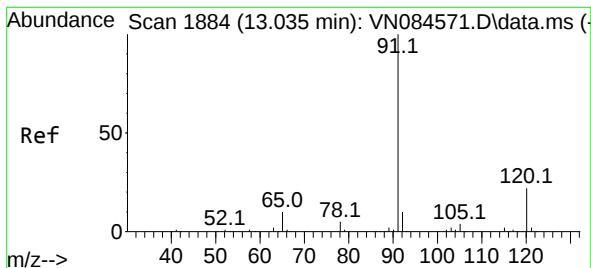
Tgt Ion: 75 Resp: 59500
Ion Ratio Lower Upper
75 100
77 0.9 96.9 290.7#



#77
Bromobenzene
Concen: 0.552 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion:156 Resp: 1078
Ion Ratio Lower Upper
156 100
77 168.3 115.1 345.3
158 102.3 48.9 146.8





#78

n-propylbenzene

Concen: 0.401 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

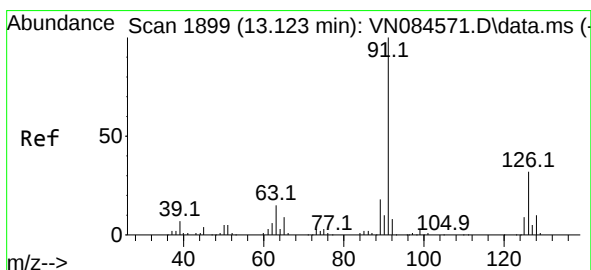
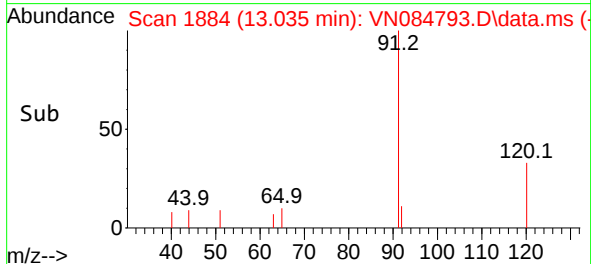
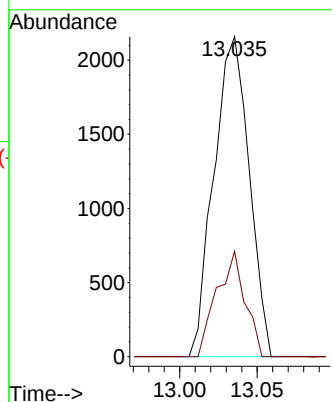
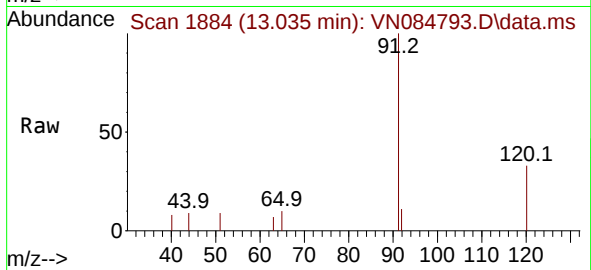
ClientSampleId :

Tgt Ion: 91 Resp: 3412

Ion Ratio Lower Upper

91 100

120 26.4 10.8 32.4



#79

2-Chlorotoluene

Concen: 0.337 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084793.D

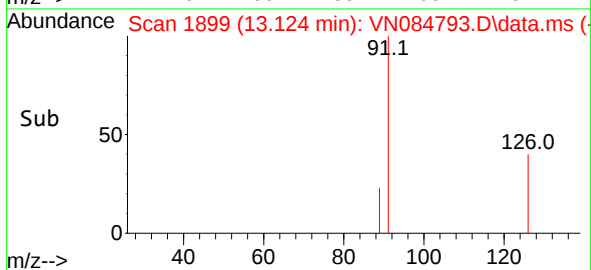
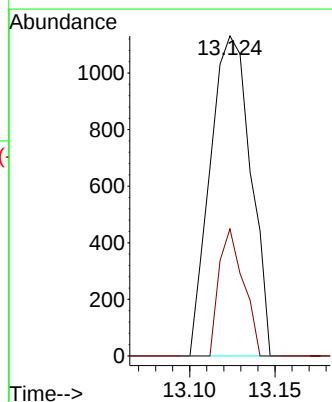
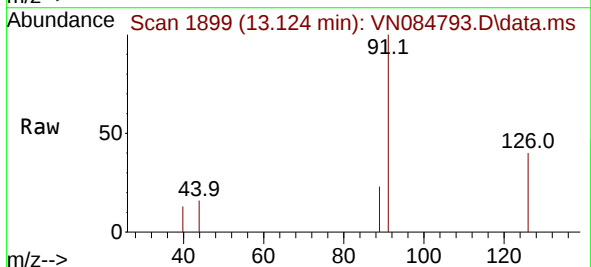
Acq: 12 Nov 2024 14:01

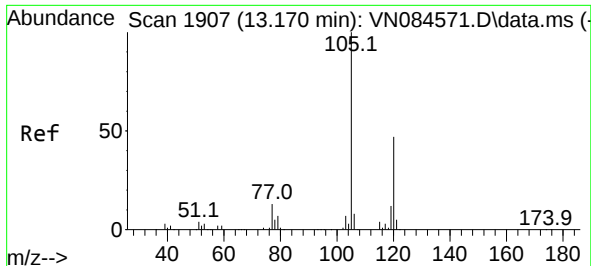
Tgt Ion: 91 Resp: 1872

Ion Ratio Lower Upper

91 100

126 24.0 15.7 47.1

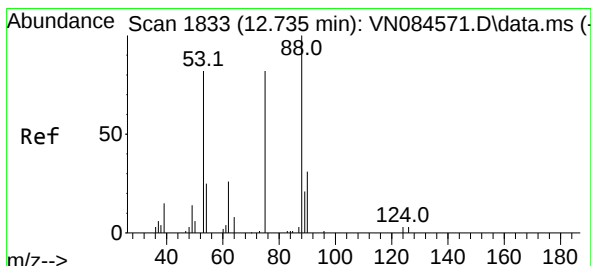
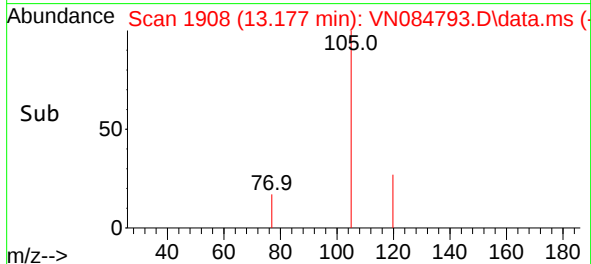
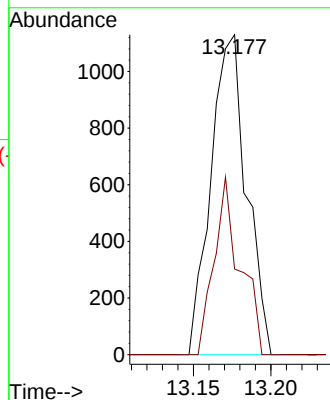
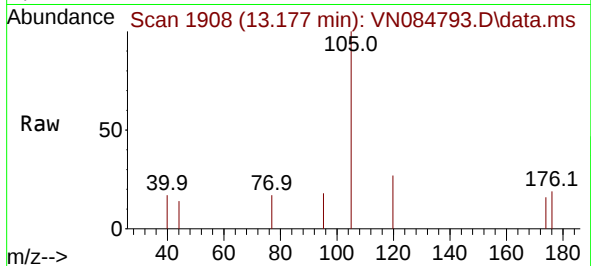




#80
1,3,5-Trimethylbenzene
Concen: 0.300 ug/l
RT: 13.177 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

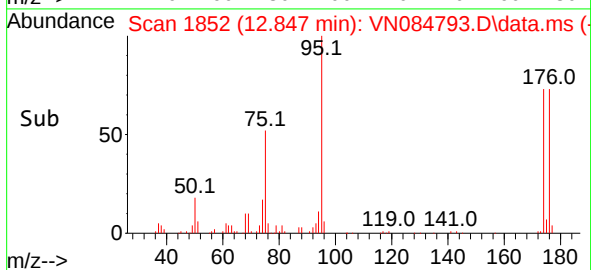
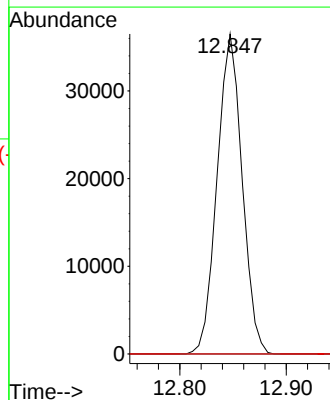
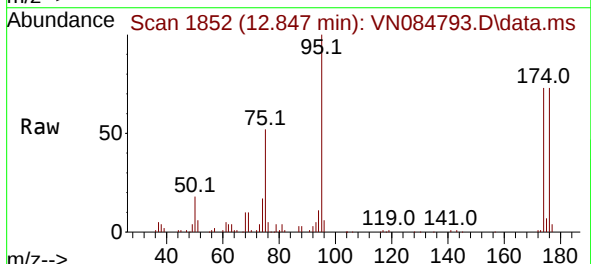
Instrument :
MSVOA_N
ClientSampleId :

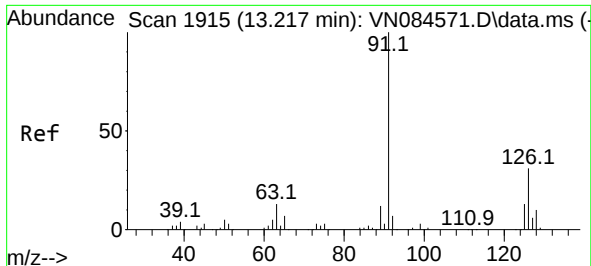
Tgt Ion:105 Resp: 1805
Ion Ratio Lower Upper
105 100
120 40.4 23.7 71.1



#81
trans-1,4-Dichloro-2-butene
Concen: 68.154 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 75 Resp: 59500
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

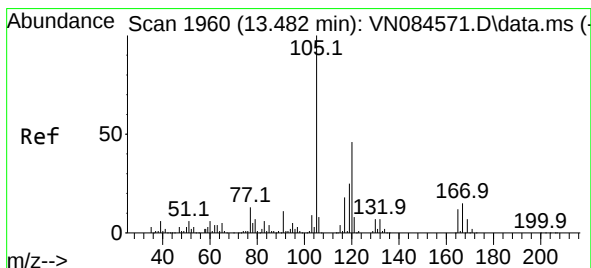
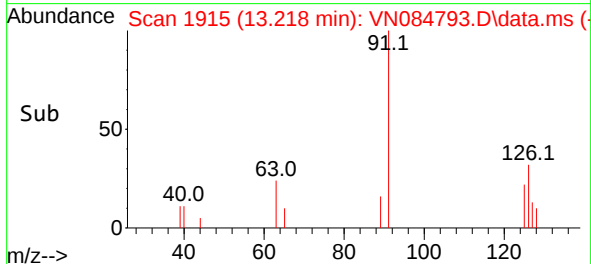
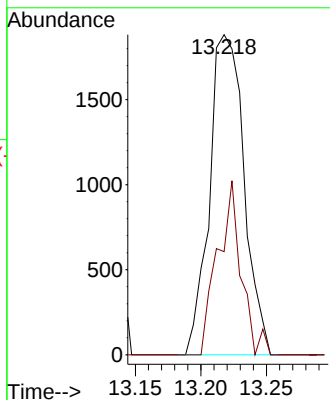
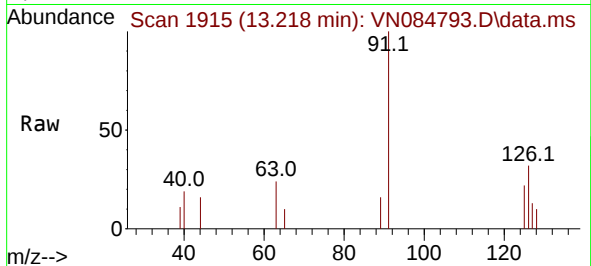




#82
4-Chlorotoluene
Concen: 0.589 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

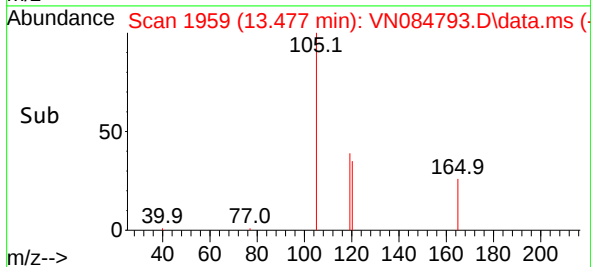
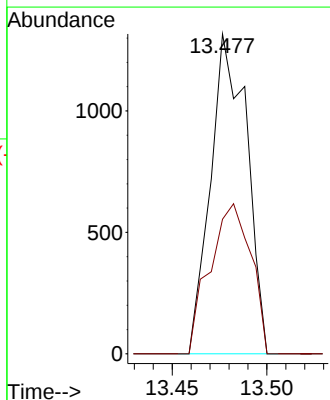
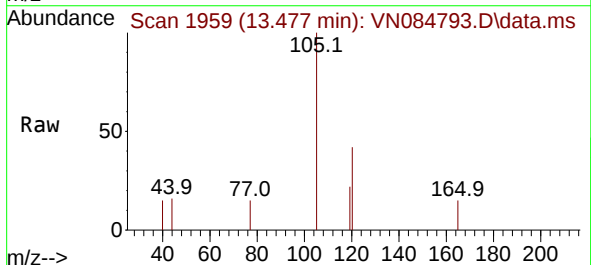
Instrument :
MSVOA_N
ClientSampleId :

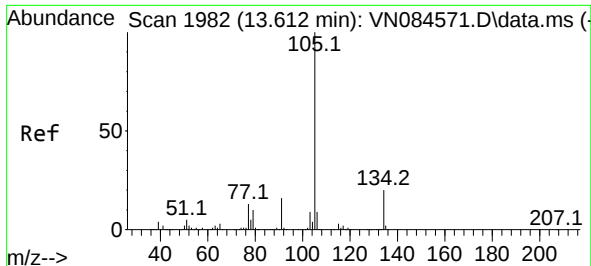
Tgt Ion: 91 Resp: 3446
Ion Ratio Lower Upper
91 100
126 36.9 15.7 47.1



#84
1,2,4-Trimethylbenzene
Concen: 0.281 ug/l
RT: 13.477 min Scan# 1959
Delta R.T. -0.005 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion: 105 Resp: 1746
Ion Ratio Lower Upper
105 100
120 53.6 22.3 66.8

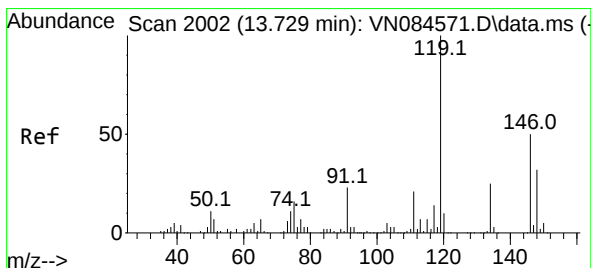
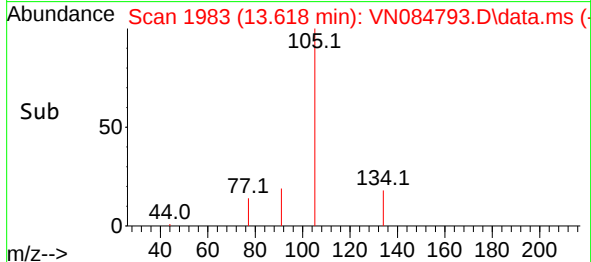
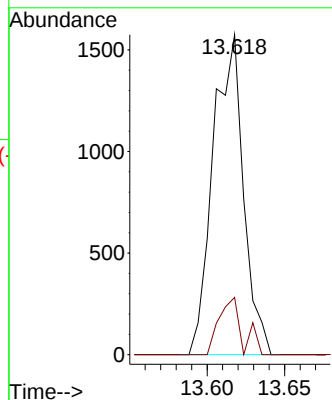
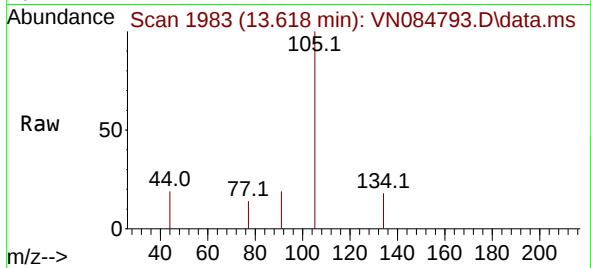




#85
 sec-Butylbenzene
 Concen: 0.305 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

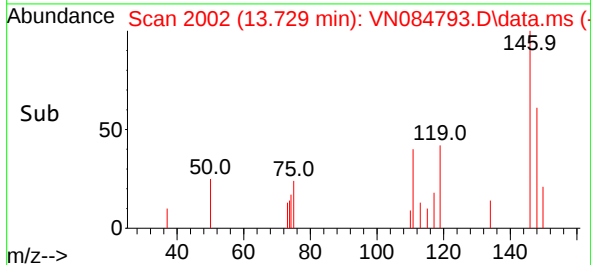
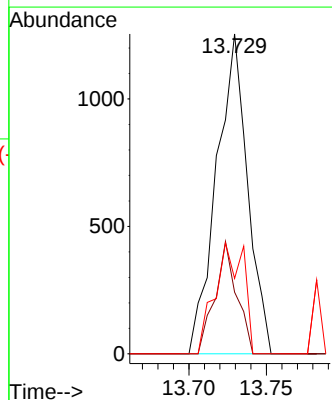
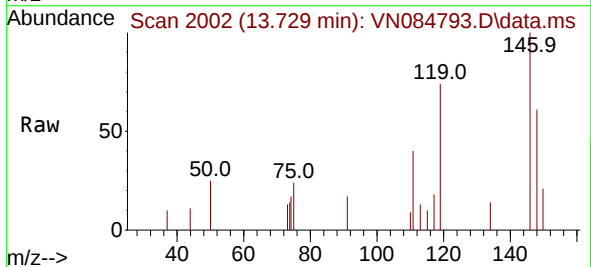
Instrument :
 MSVOA_N
 ClientSampleId :

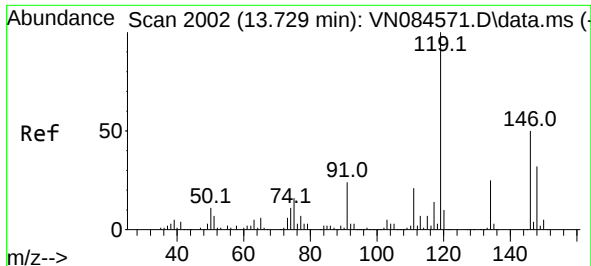
Tgt Ion:105 Resp: 2146
 Ion Ratio Lower Upper
 105 100
 134 13.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.303 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084793.D
 Acq: 12 Nov 2024 14:01

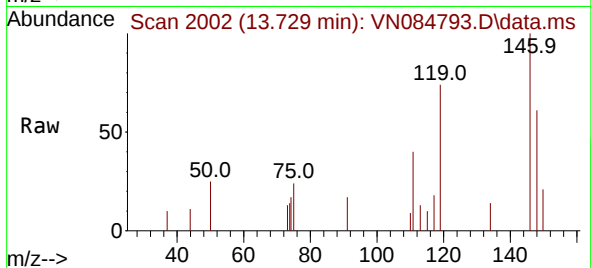
Tgt Ion:119 Resp: 1747
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.6 37.8
 91 31.8 12.4 37.2



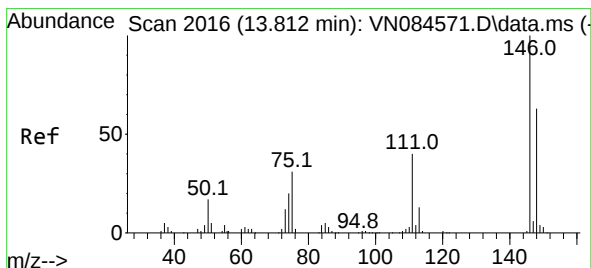
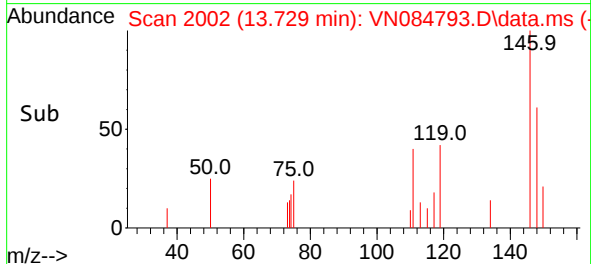
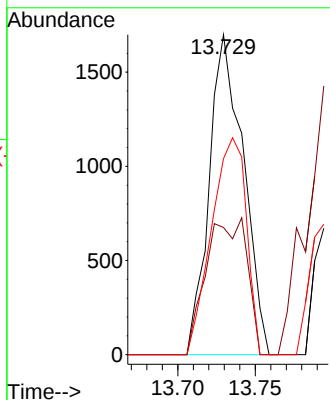


#87
1,3-Dichlorobenzene
Concen: 0.684 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :

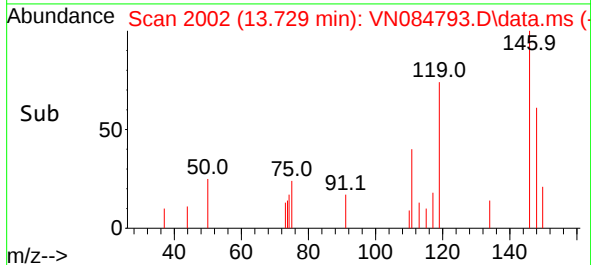
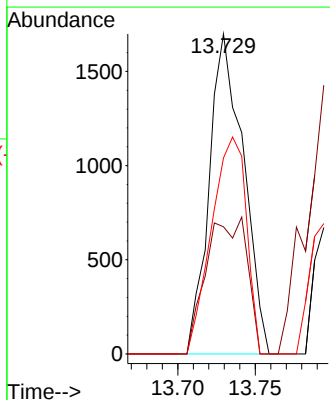
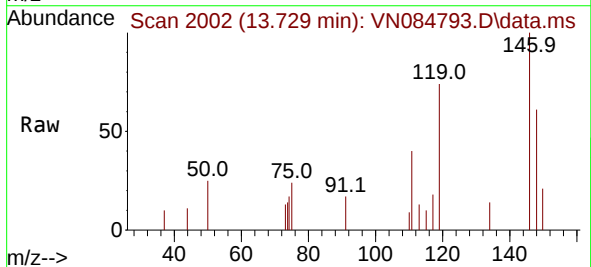


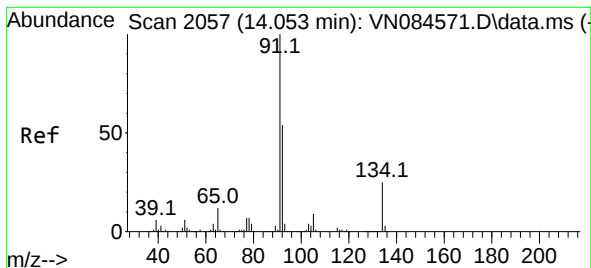
Tgt Ion:146 Resp: 2604
Ion Ratio Lower Upper
146 100
111 50.8 21.8 65.3
148 69.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2002
Delta R.T. -0.083 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion:146 Resp: 2604
Ion Ratio Lower Upper
146 100
111 50.8 21.2 63.6
148 69.2 31.9 95.9





#89

n-Butylbenzene

Concen: 0.598 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

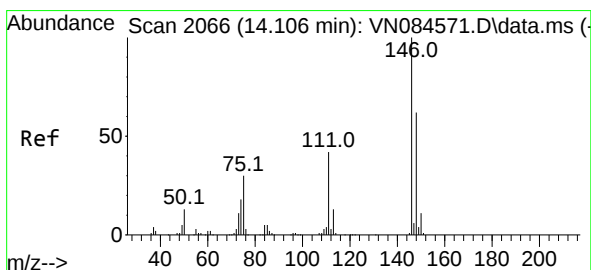
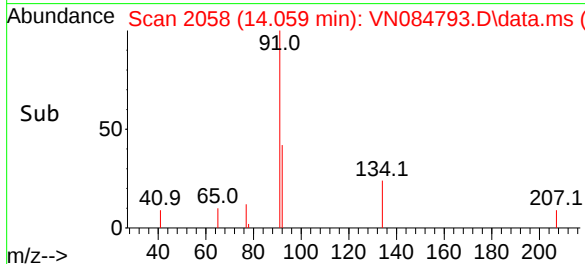
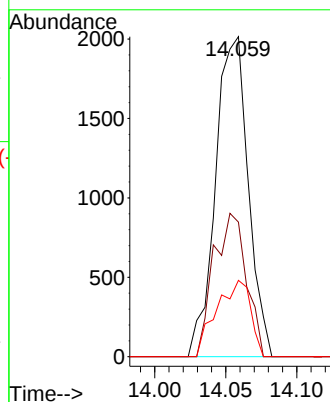
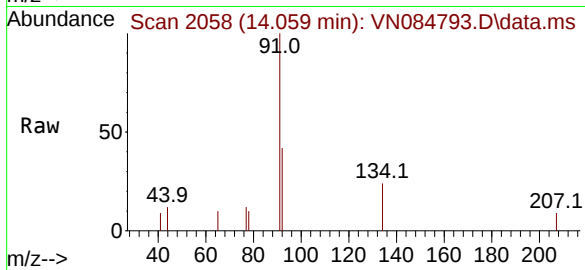
Tgt Ion: 91 Resp: 3228

Ion Ratio Lower Upper

91 100

92 44.7 26.6 79.7

134 24.8 12.3 36.9



#91

1,2-Dichlorobenzene

Concen: 0.576 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

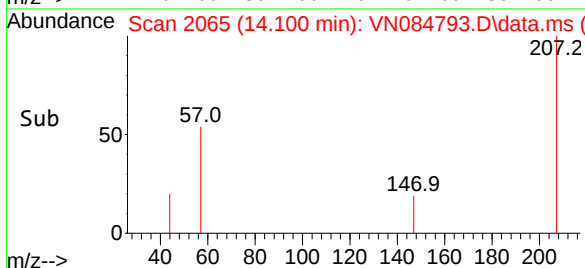
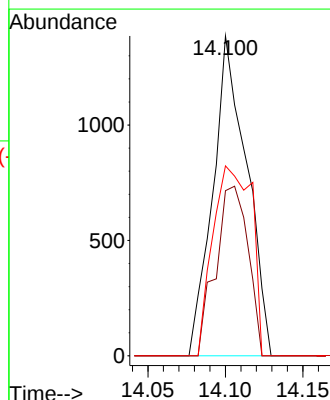
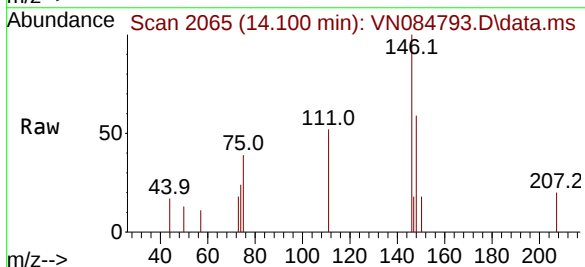
Tgt Ion:146 Resp: 2108

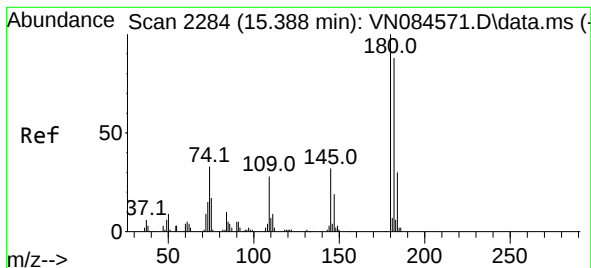
Ion Ratio Lower Upper

146 100

111 50.8 22.0 66.0

148 68.0 32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 1.293 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

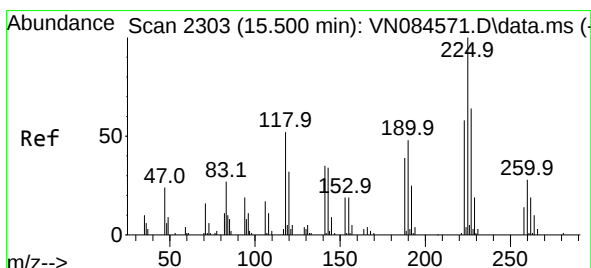
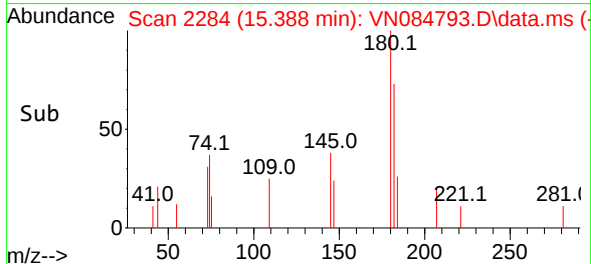
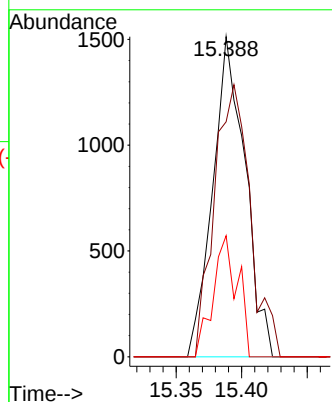
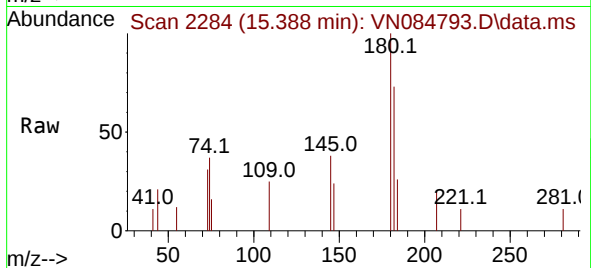
Tgt Ion:180 Resp: 2591

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.0

145 28.6 16.4 49.4



#94

Hexachlorobutadiene

Concen: 0.880 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084793.D

Acq: 12 Nov 2024 14:01

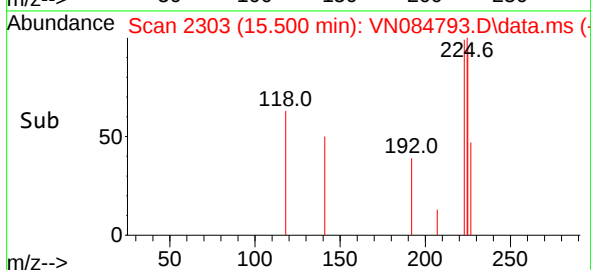
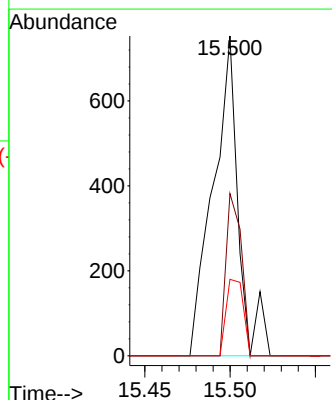
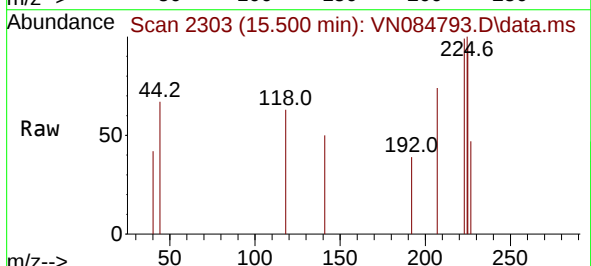
Tgt Ion:225 Resp: 774

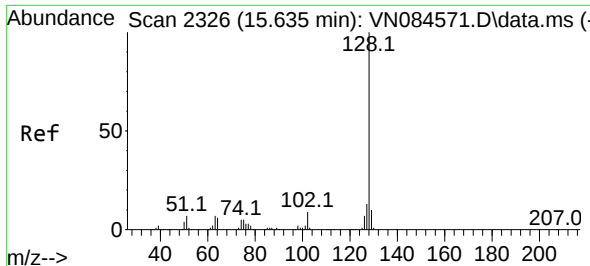
Ion Ratio Lower Upper

225 100

223 31.0 32.4 97.2#

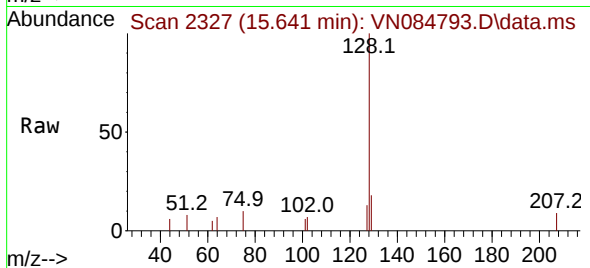
227 16.1 32.4 97.0#



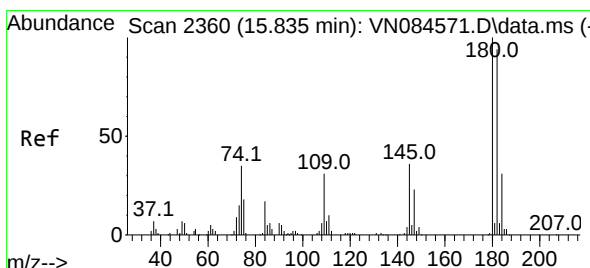
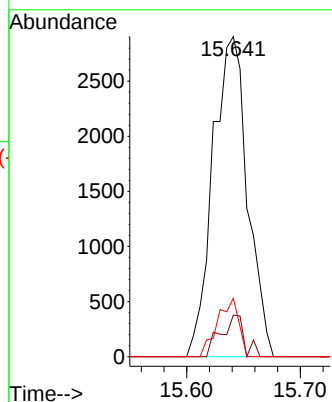
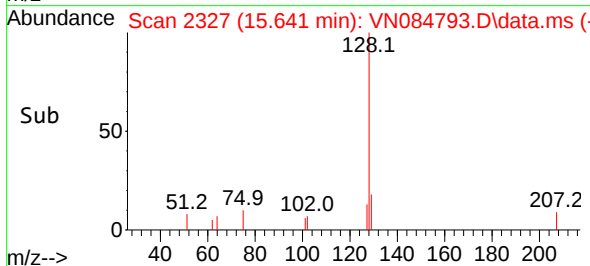


#95
Naphthalene
Concen: 1.026 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 6153
Ion Ratio Lower Upper
128 100
127 8.7 10.5 15.7#
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.075 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084793.D
Acq: 12 Nov 2024 14:01

Tgt Ion:180 Resp: 2090
Ion Ratio Lower Upper
180 100
182 110.5 48.2 144.6
145 36.5 17.3 51.9

