

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070271.D
 Acq On : 21 Dec 2021 16:43
 Operator : JC/MD
 Sample : M5165-01DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 17:06:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

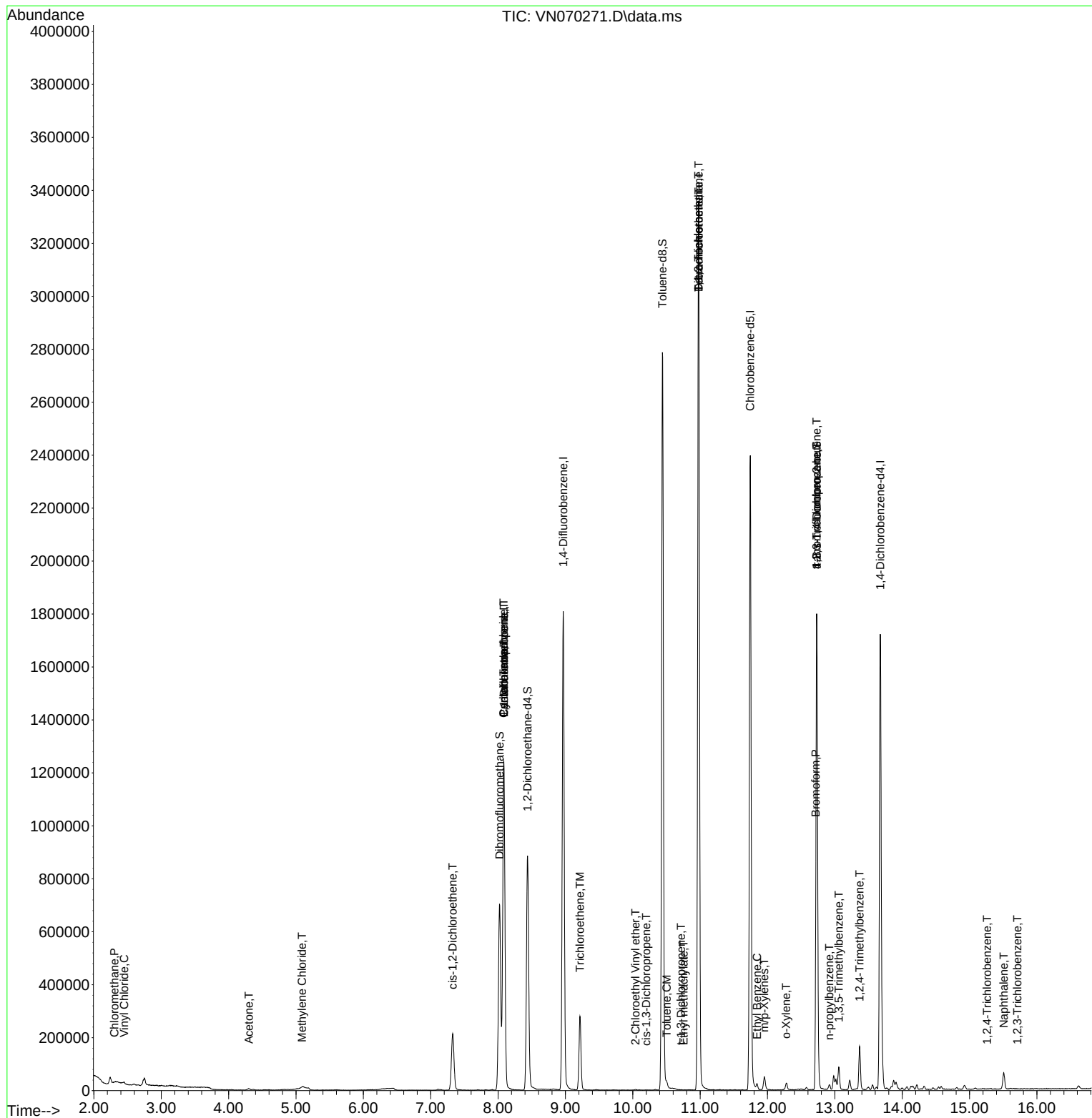
Internal Standards						
1) Pentafluorobenzene	8.086	168	937097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1550629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1353499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	469930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	772390	53.383	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.760%	
35) Dibromofluoromethane	8.021	113	513010	52.818	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.640%	
50) Toluene-d8	10.440	98	1941005	49.769	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.731	95	639127	45.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	3101	0.226	ug/l	90
4) Vinyl Chloride	2.448	62	3876	0.308	ug/l #	69
16) Acetone	4.299	43	5947	0.683	ug/l #	87
20) Methylene Chloride	5.090	84	3077	0.266	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	126274	10.780	ug/l	97
31) Cyclohexane	8.086	56	22650	1.125	ug/l #	33
36) 1,1-Dichloropropene	8.086	75	77680	5.262	ug/l #	49
38) Carbon Tetrachloride	8.083	117	94537	6.531	ug/l #	16
44) Trichloroethene	9.215	130	96304	8.942	ug/l	89
52) Toluene	10.505	92	5790	0.210	ug/l	95
53) t-1,3-Dichloropropene	10.717	75	239	2.807	ug/l #	1
54) cis-1,3-Dichloropropene	10.199	75	25	2.000	ug/l #	32
55) 1,1,2-Trichloroethane	10.974	97	7179	0.646	ug/l #	1
56) Ethyl methacrylate	10.754	69	99	2.284	ug/l #	68
58) 2-Chloroethyl Vinyl ether	10.041	63	1103	18.569	ug/l #	53
60) Dibromochloromethane	10.977	129	735992	61.242	ug/l #	11
64) Tetrachloroethene	10.977	164	761676	82.993	ug/l	95
67) Ethyl Benzene	11.843	91	14575	0.292	ug/l	99
68) m/p-Xylenes	11.953	106	14333	0.789	ug/l	84
69) o-Xylene	12.278	106	6853	0.375	ug/l	92
71) Bromoform	12.717	173	676	2.808	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	349102	25.904	ug/l #	1
78) n-propylbenzene	12.919	91	15178	0.326	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	42149	1.252	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.731	75	349102	81.957	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.366	105	94378	2.945	ug/l	96
93) 1,2,4-Trichlorobenzene	15.263	180	298	2.914	ug/l #	50
95) Naphthalene	15.507	128	58482	6.329	ug/l	99
96) 1,2,3-Trichlorobenzene	15.710	180	127	2.452	ug/l #	12

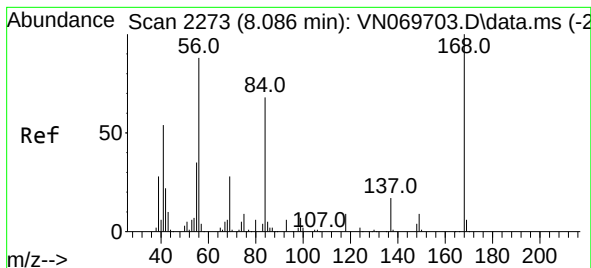
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
Data File : VN070271.D
Acq On : 21 Dec 2021 16:43
Operator : JC/MD
Sample : M5165-01DL 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 21 17:06:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Instrument :

MSVOA_N

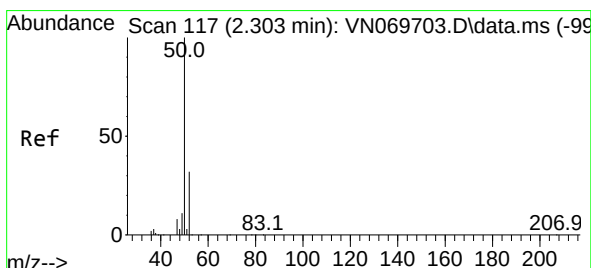
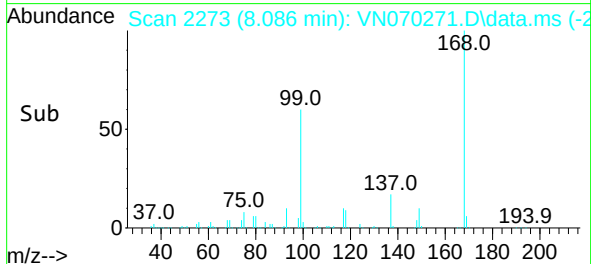
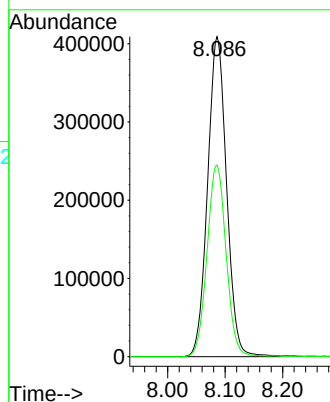
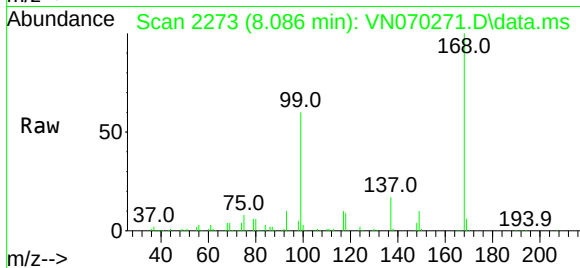
ClientSampleId :

Tgt Ion:168 Resp: 937097

Ion Ratio Lower Upper

168 100

99 59.9 41.3 61.9



#3

Chloromethane

Concen: 0.226 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN070271.D

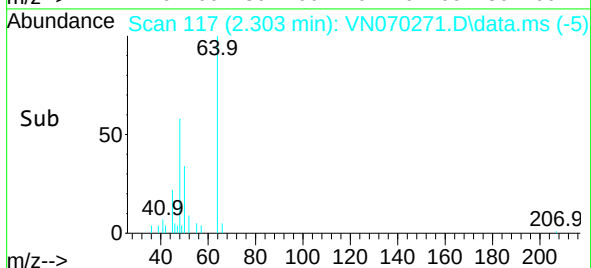
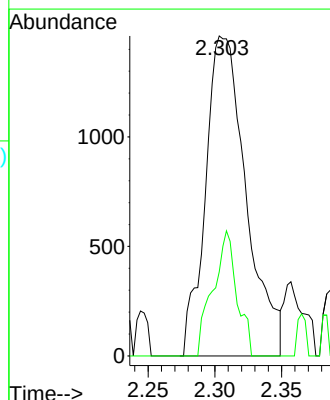
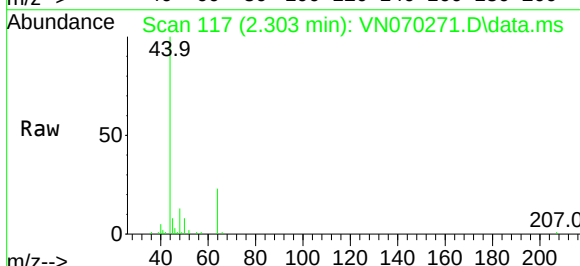
Acq: 21 Dec 2021 16:43

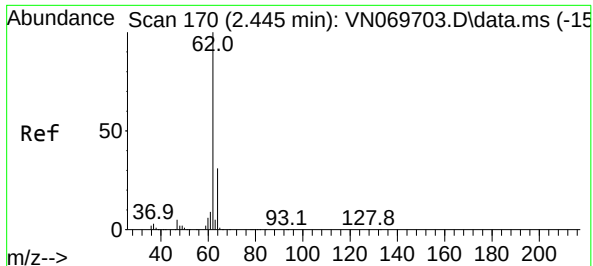
Tgt Ion: 50 Resp: 3101

Ion Ratio Lower Upper

50 100

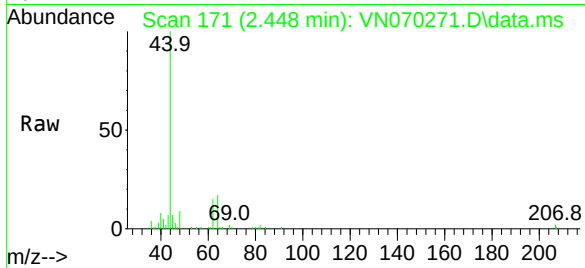
52 26.3 25.4 38.0



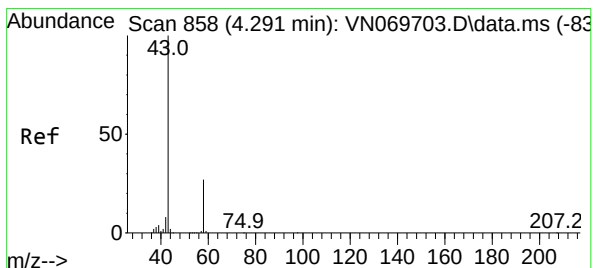
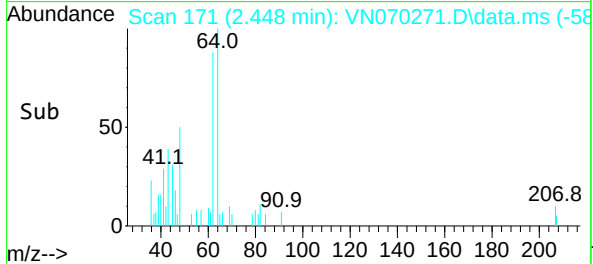
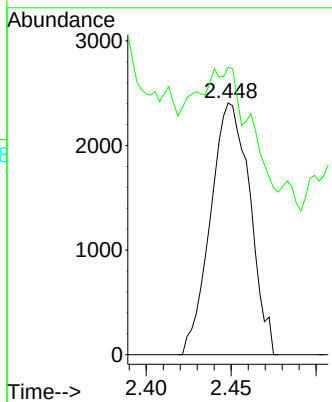


#4
 Vinyl Chloride
 Concen: 0.308 ug/l
 RT: 2.448 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

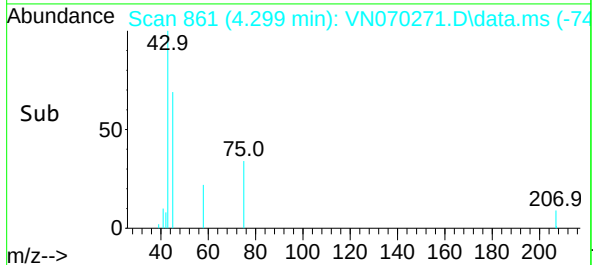
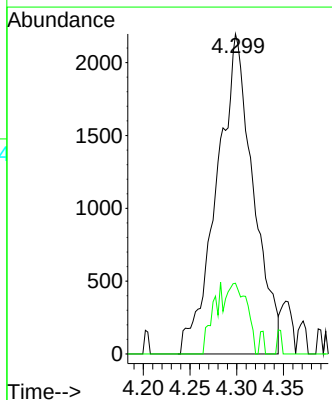
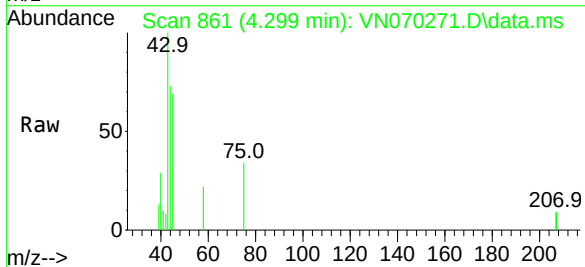


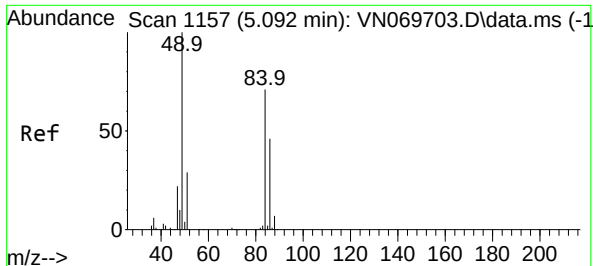
Tgt Ion: 62 Resp: 3876
 Ion Ratio Lower Upper
 62 100
 64 49.5 25.8 38.6#



#16
 Acetone
 Concen: 0.683 ug/l
 RT: 4.299 min Scan# 861
 Delta R.T. 0.008 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

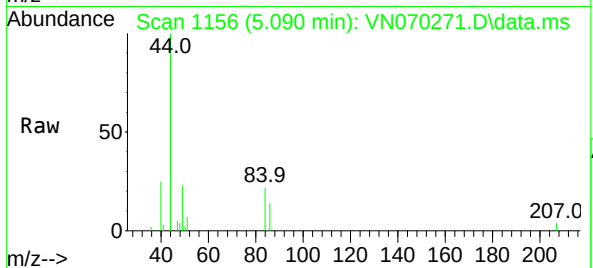
Tgt Ion: 43 Resp: 5947
 Ion Ratio Lower Upper
 43 100
 58 22.1 23.1 34.7#



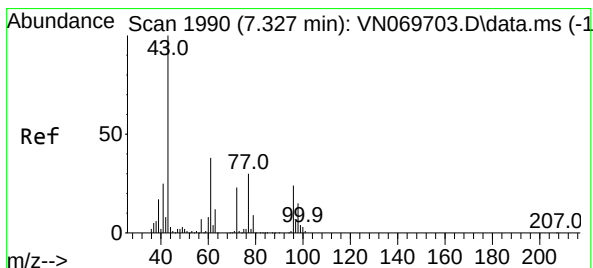
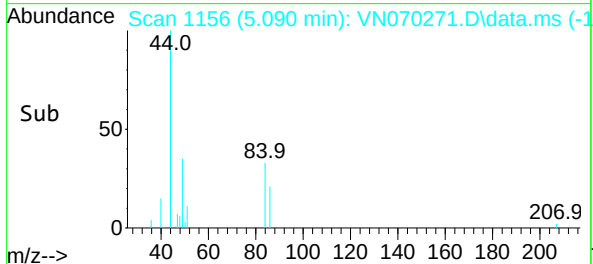
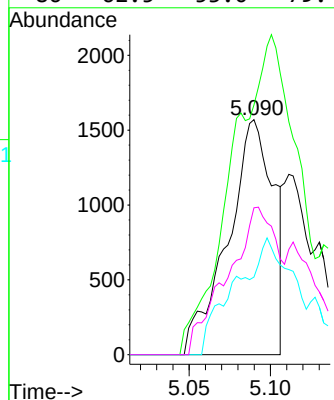


#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 5.090 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :

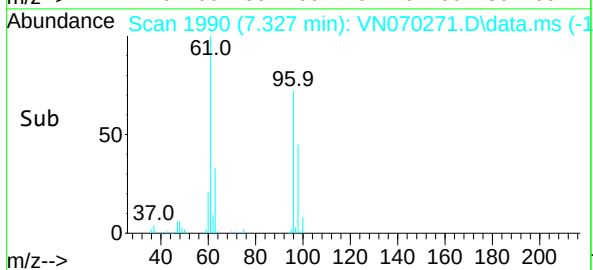
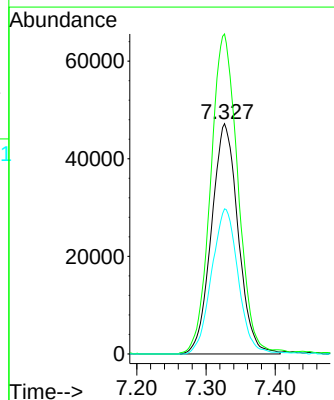
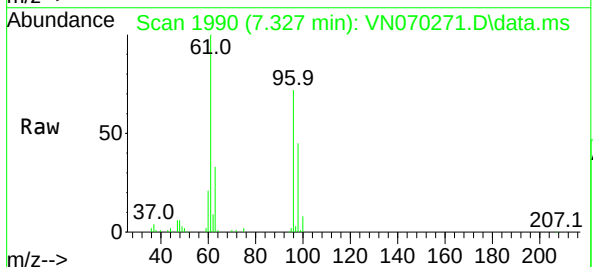


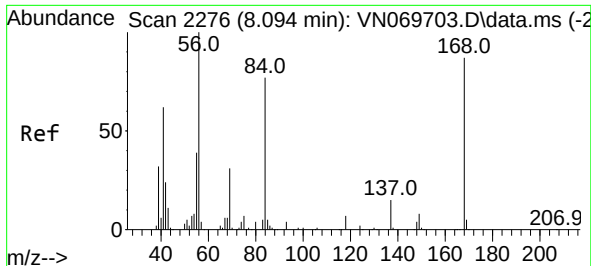
Tgt Ion:	84	Resp:	3077
Ion	Ratio	Lower	Upper
84	100		
49	106.3	93.5	140.3
51	33.1	29.4	44.2
86	62.5	53.0	79.4



#27
cis-1,2-Dichloroethene
Concen: 10.780 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

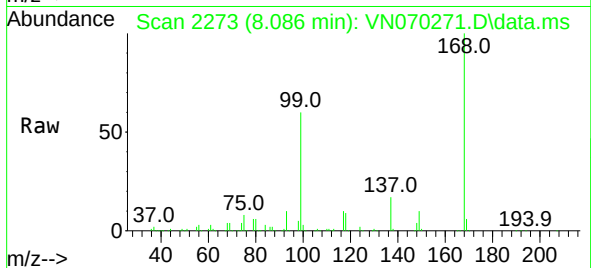
Tgt Ion:	96	Resp:	126274
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	275.0
98	63.0	0.0	129.6



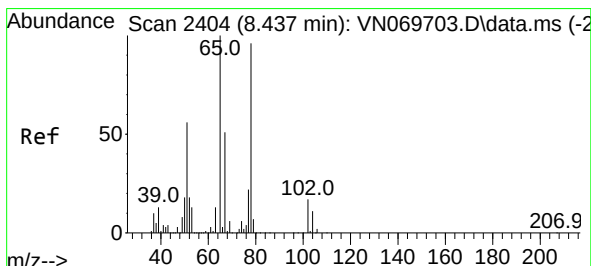
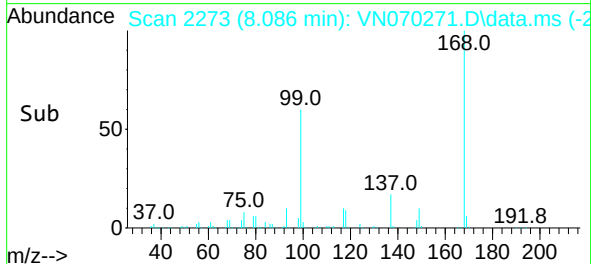
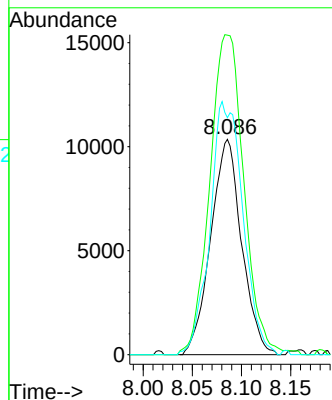


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :

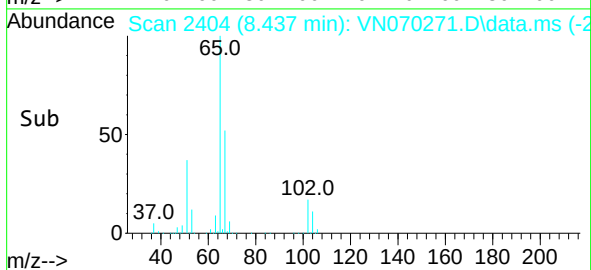
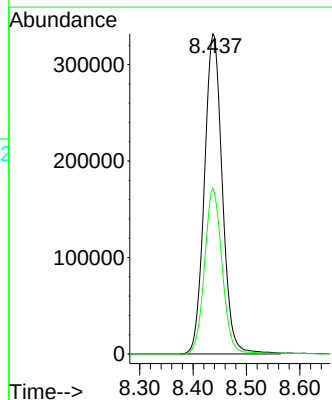
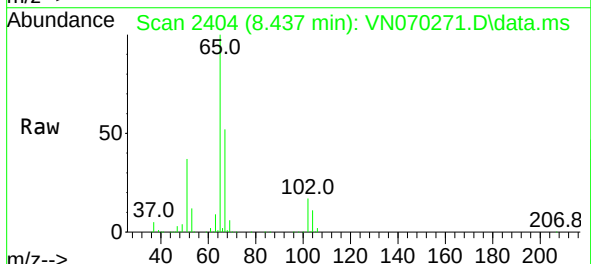


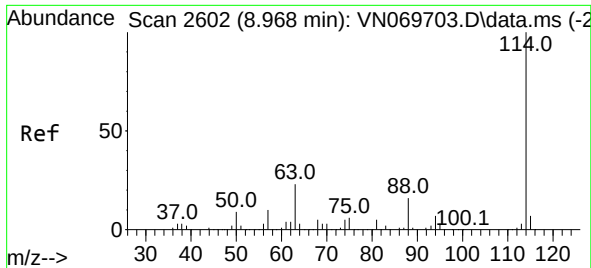
Tgt Ion: 56 Resp: 22650
Ion Ratio Lower Upper
56 100
69 146.6 27.1 40.7#
84 110.0 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 53.383 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion: 65 Resp: 772390
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

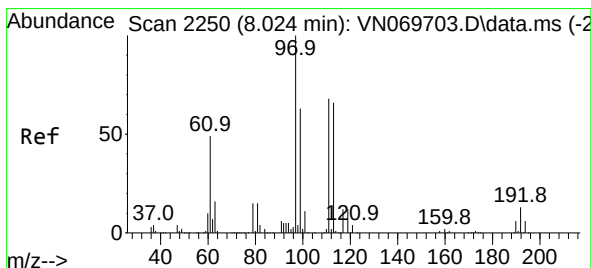
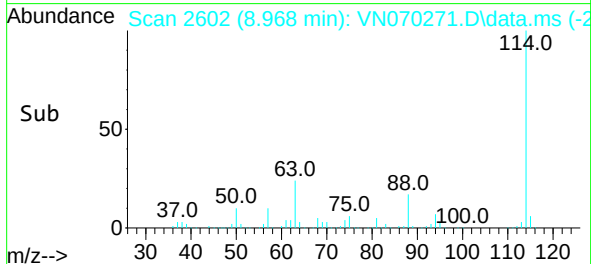
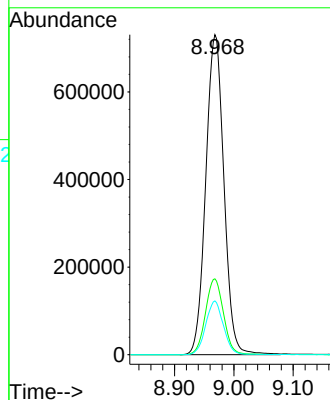
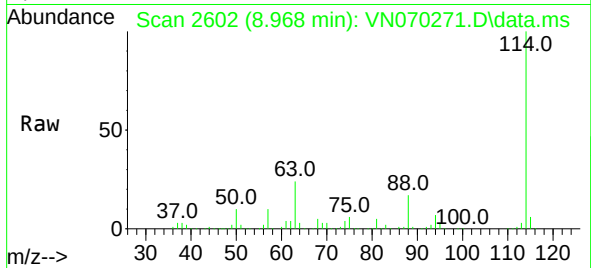




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

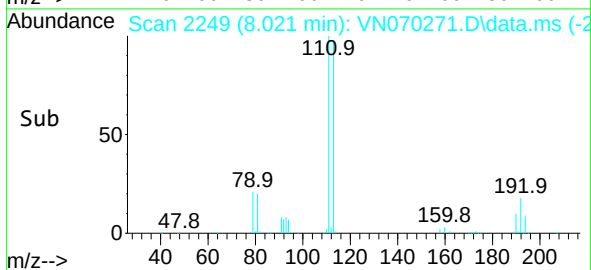
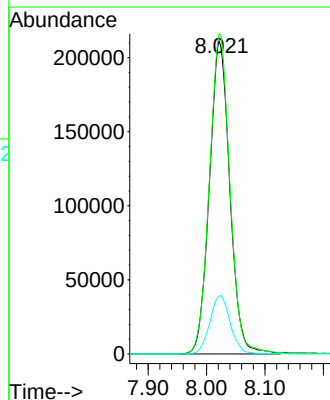
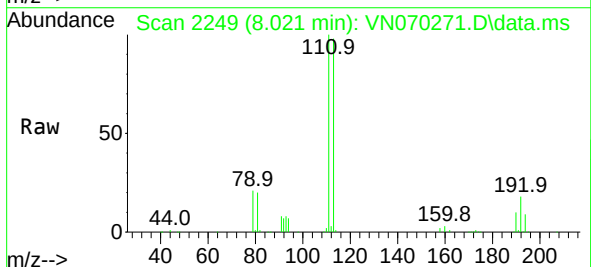
Instrument :
MSVOA_N
ClientSampleId :

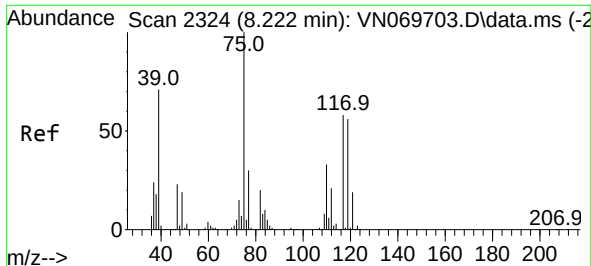
Tgt Ion:114 Resp: 1550629
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

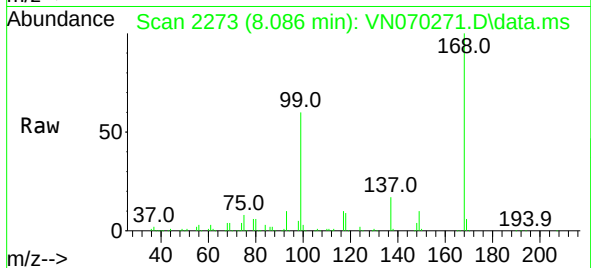
Tgt Ion:113 Resp: 513010
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.7 16.9 25.3



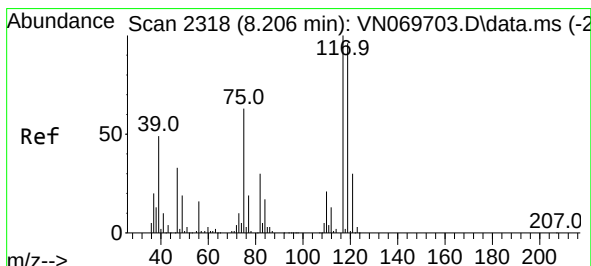
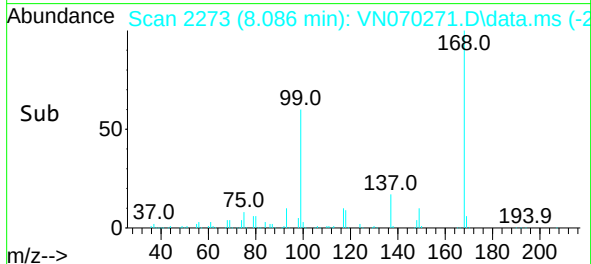
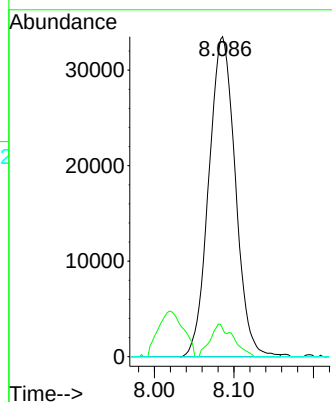


#36
 1,1-Dichloropropene
 Concen: 5.262 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.137 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

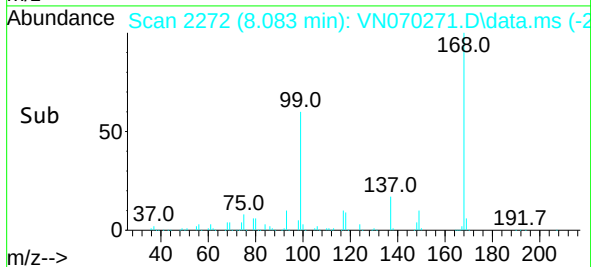
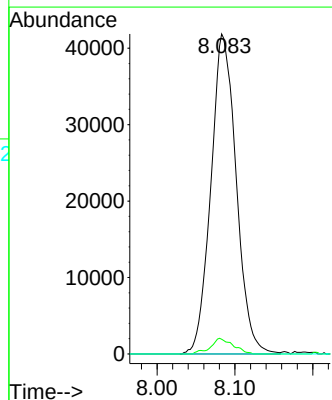
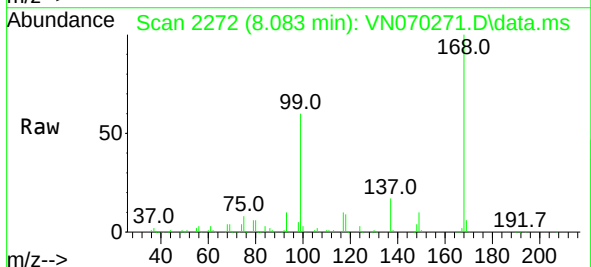


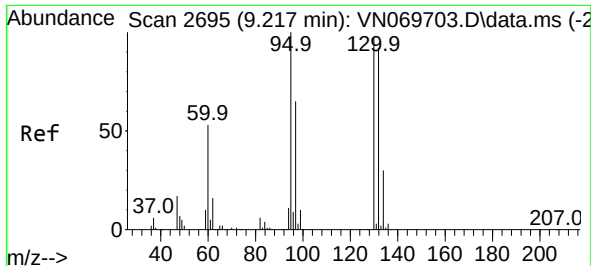
Tgt Ion: 75 Resp: 77680
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.531 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.123 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Tgt Ion: 117 Resp: 94537
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.1 114.1#
 121 0.0 24.2 36.2#

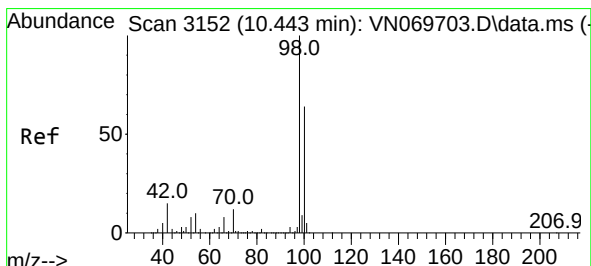
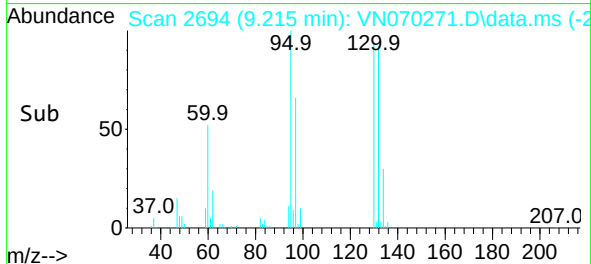
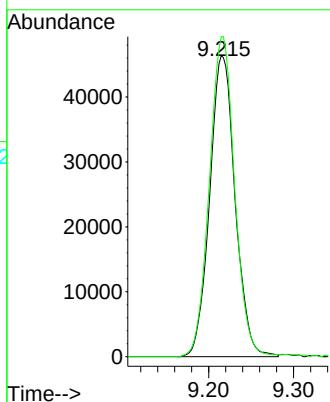
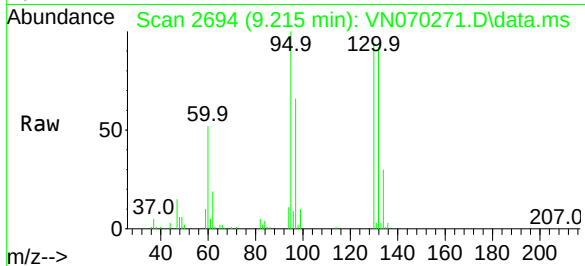




#44
Trichloroethene
Concen: 8.942 ug/l
RT: 9.215 min Scan# 20
Delta R.T. -0.002 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

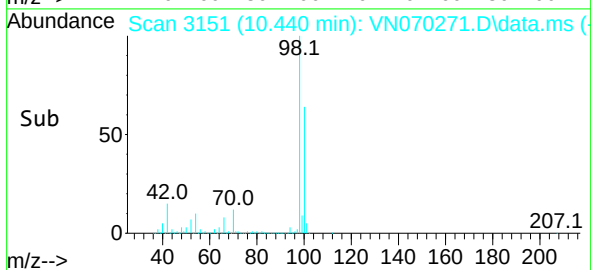
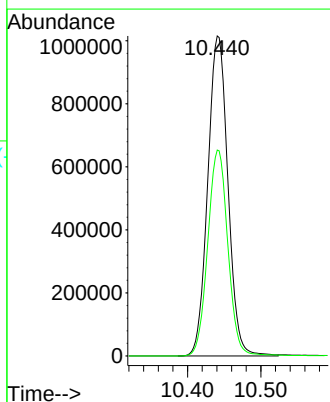
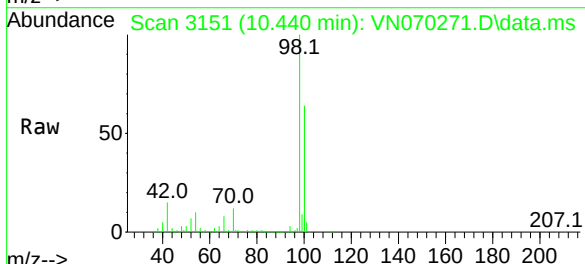
Instrument :
MSVOA_N
ClientSampleId :

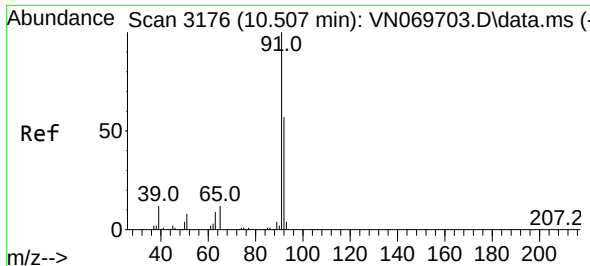
Tgt Ion:130 Resp: 96304
Ion Ratio Lower Upper
130 100
95 106.3 0.0 191.2



#50
Toluene-d8
Concen: 49.769 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion: 98 Resp: 1941005
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

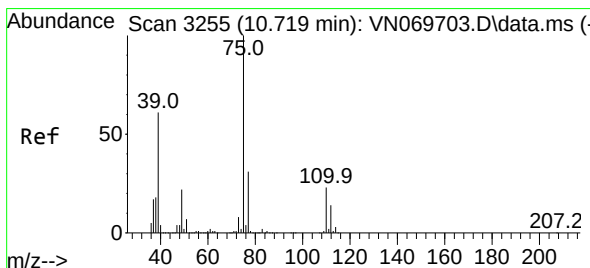
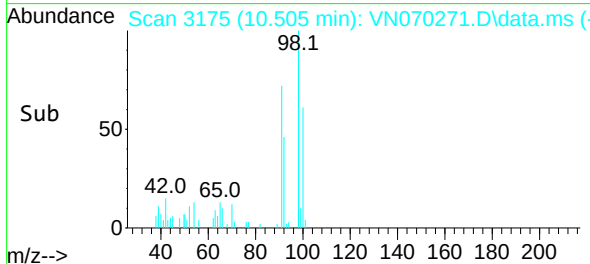
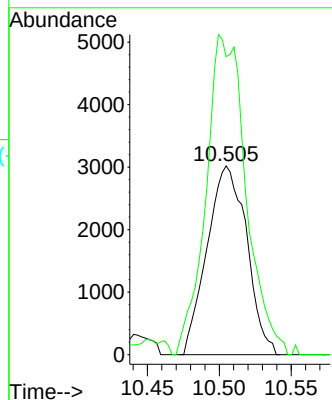
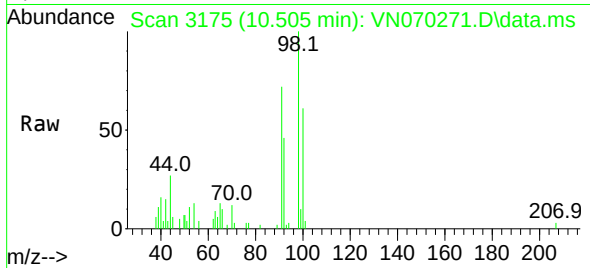




#52
Toluene
Concen: 0.210 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

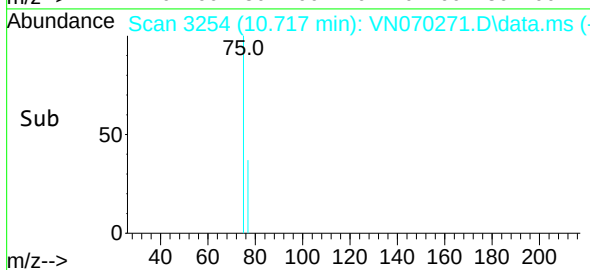
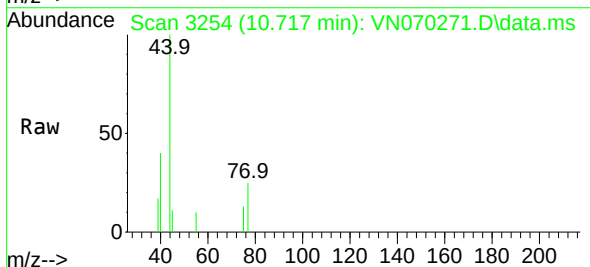
Instrument :
MSVOA_N
ClientSampleId :

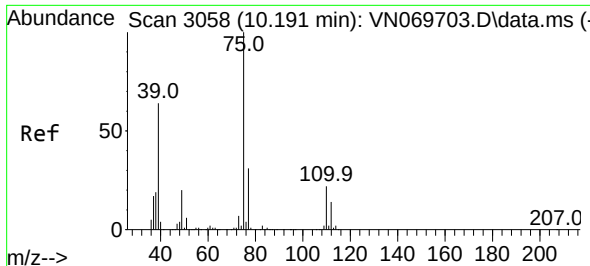
Tgt Ion: 92 Resp: 5790
Ion Ratio Lower Upper
92 100
91 171.1 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.807 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

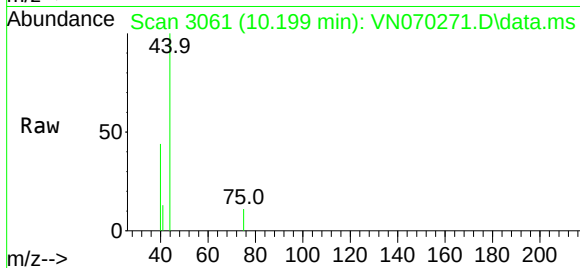
Tgt Ion: 75 Resp: 239
Ion Ratio Lower Upper
75 100
77 95.5 25.6 38.4#



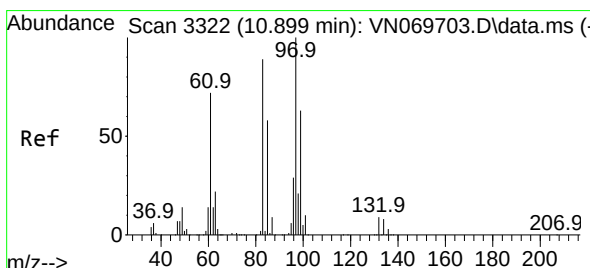
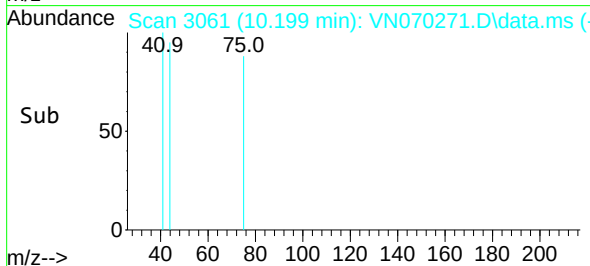
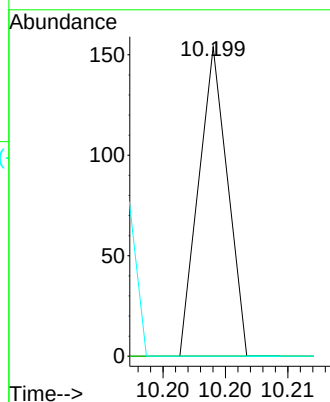


#54
 cis-1,3-Dichloropropene
 Concen: 2.000 ug/l
 RT: 10.199 min Scan# 3058
 Delta R.T. 0.008 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

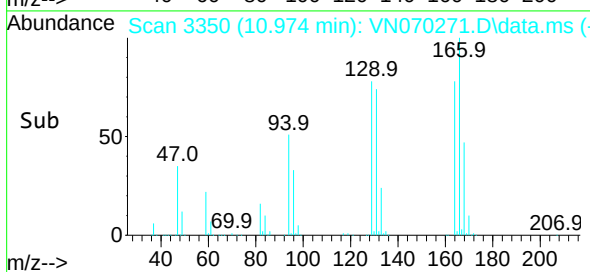
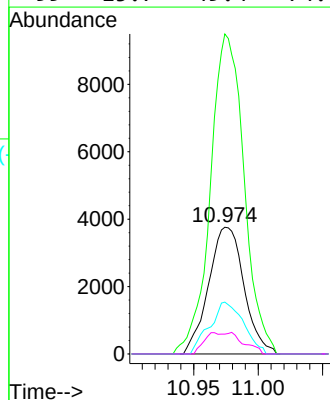
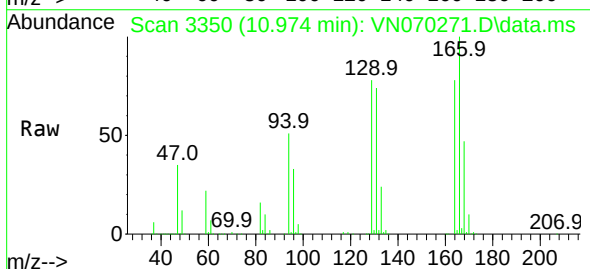


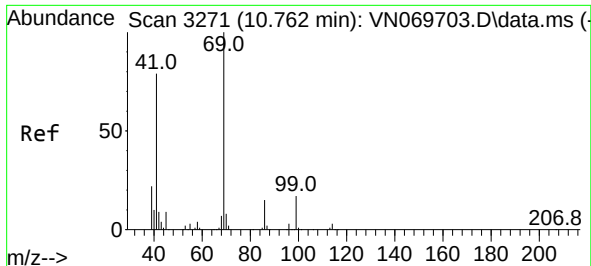
Tgt Ion: 75 Resp: 25
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 0.0 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.646 ug/l
 RT: 10.974 min Scan# 3350
 Delta R.T. 0.075 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

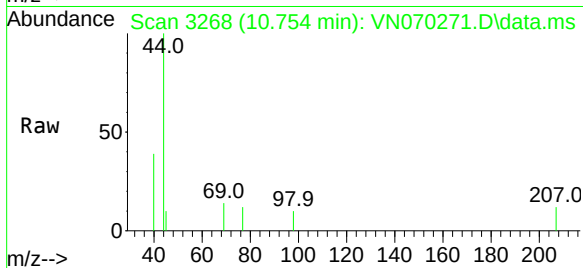
Tgt Ion: 97 Resp: 7179
 Ion Ratio Lower Upper
 97 100
 83 252.4 67.8 101.6#
 85 40.9 45.4 68.2#
 99 15.7 49.4 74.0#



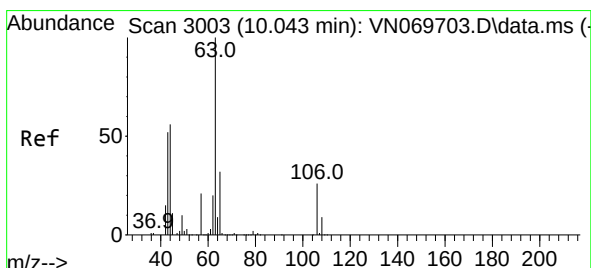
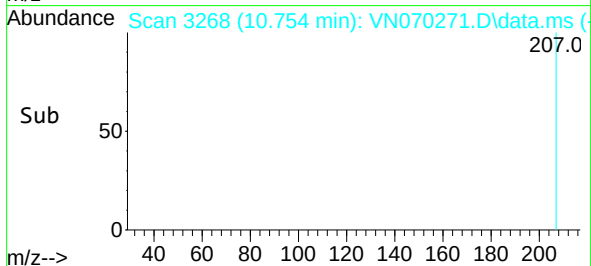
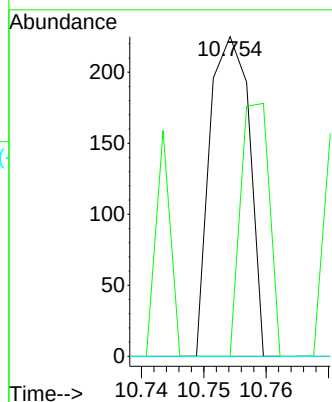


#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.754 min Scan# 31
Delta R.T. -0.008 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :

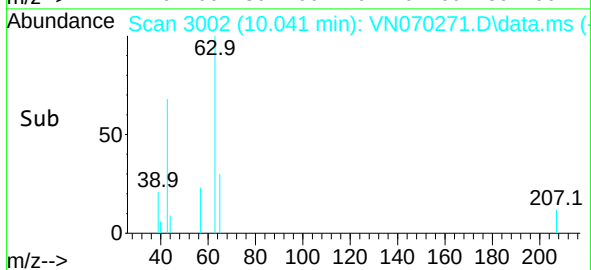
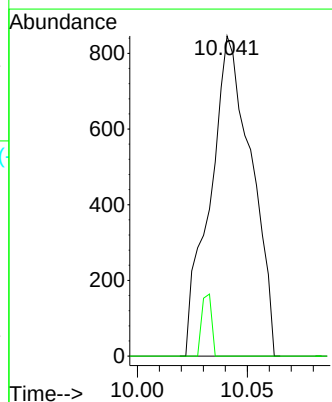
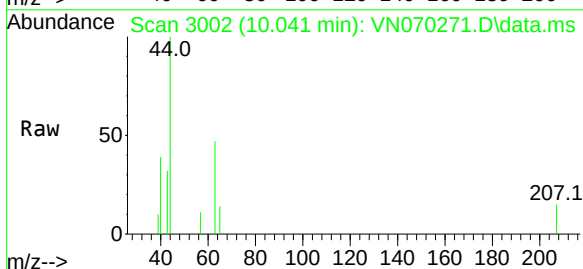


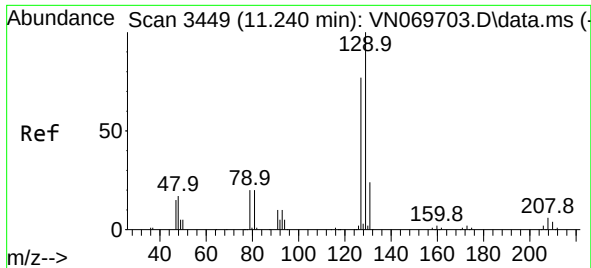
Tgt Ion: 69 Resp: 99
Ion Ratio Lower Upper
69 100
41 57.6 51.4 77.0
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.569 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion: 63 Resp: 1103
Ion Ratio Lower Upper
63 100
106 4.6 23.9 35.9#

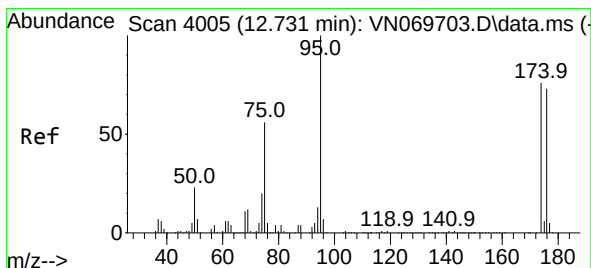
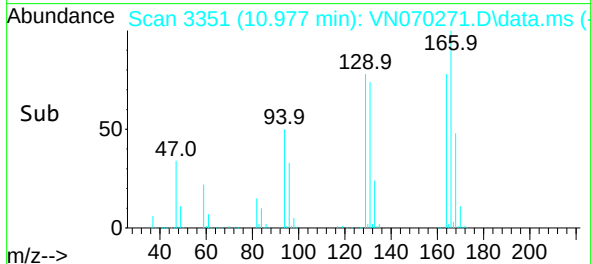
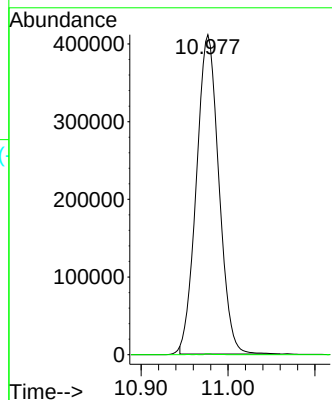
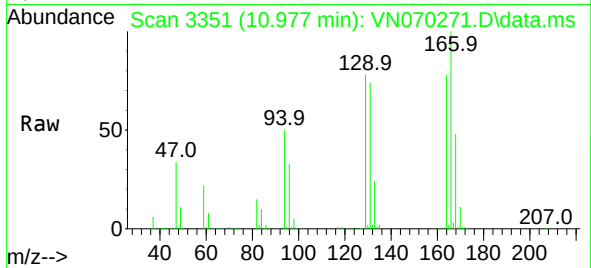




#60
Dibromochloromethane
Concen: 61.242 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.263 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

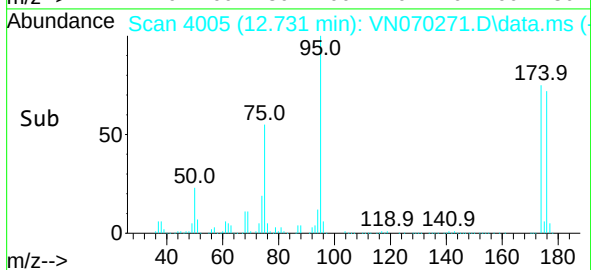
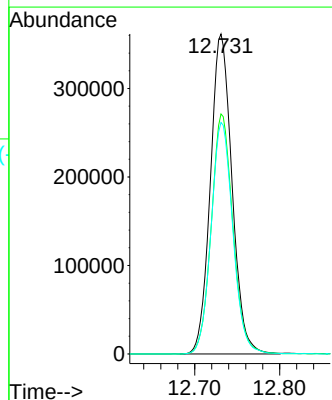
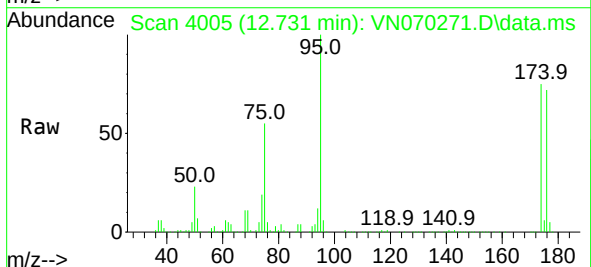
Instrument :
MSVOA_N
ClientSampleId :

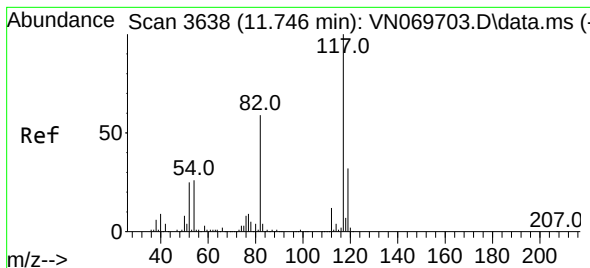
Tgt Ion:129 Resp: 735992
Ion Ratio Lower Upper
129 100
127 0.1 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 45.235 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion: 95 Resp: 639127
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

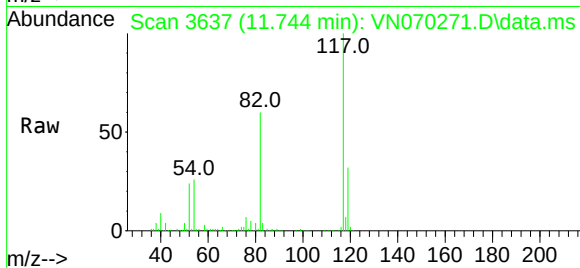
Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Instrument :

MSVOA_N

ClientSampleId :



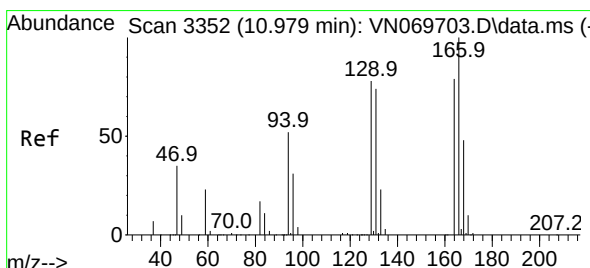
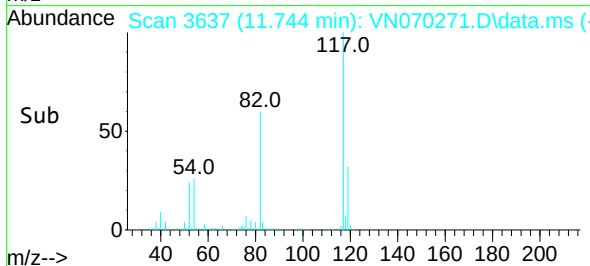
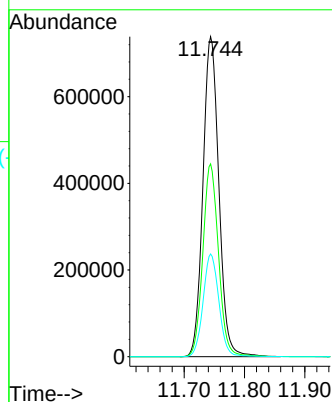
Tgt Ion:117 Resp: 1353499

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 32.1 25.4 38.2



#64

Tetrachloroethene

Concen: 82.993 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Tgt Ion:164 Resp: 761676

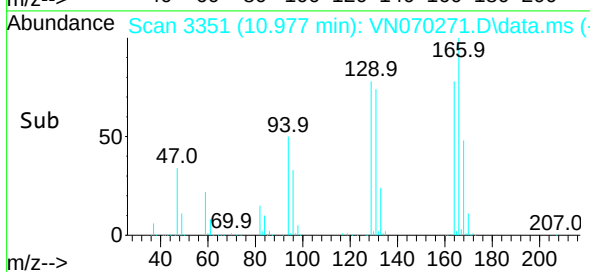
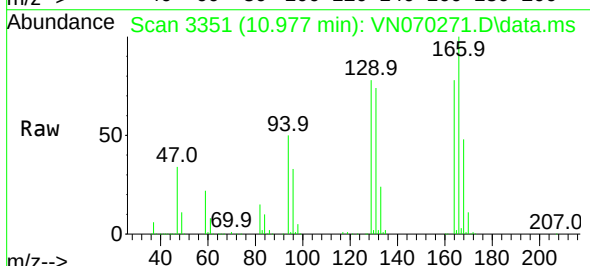
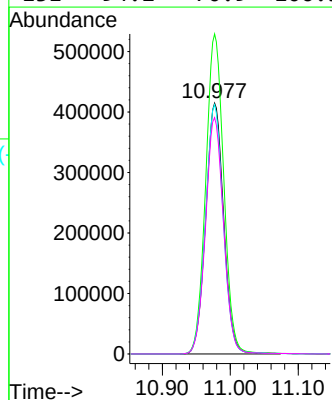
Ion Ratio Lower Upper

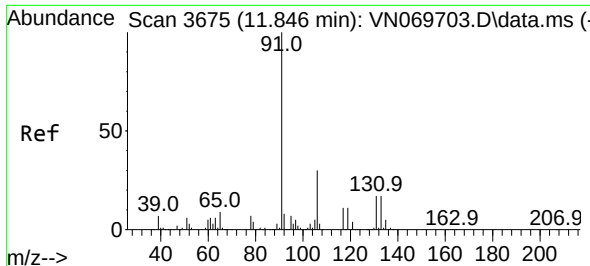
164 100

166 127.6 101.9 152.9

129 99.4 72.0 108.0

131 94.2 70.9 106.3

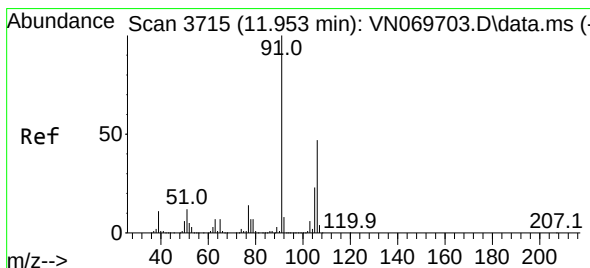
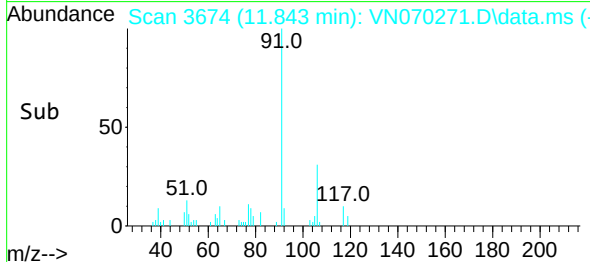
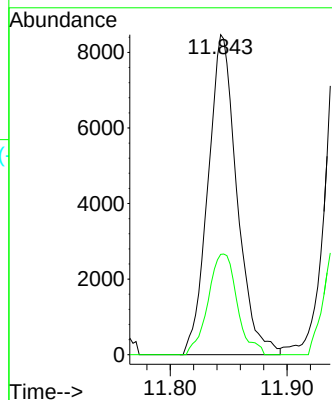
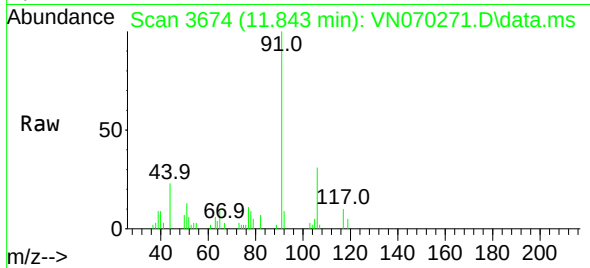




#67
Ethyl Benzene
Concen: 0.292 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

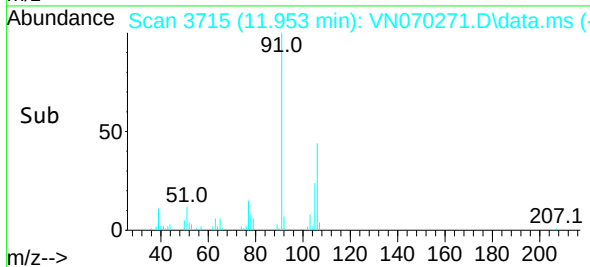
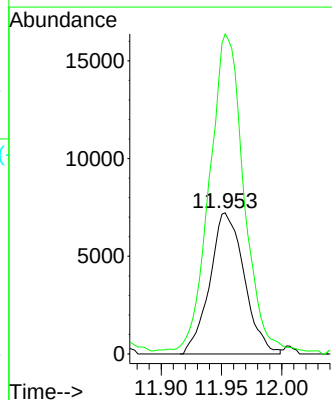
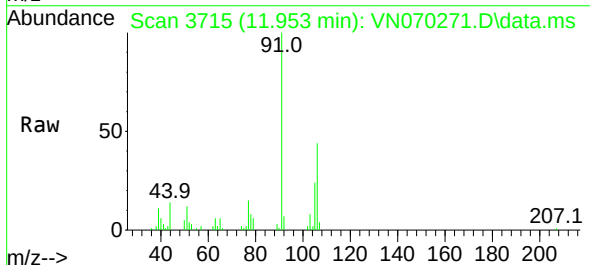
Instrument :
MSVOA_N
ClientSampleId :

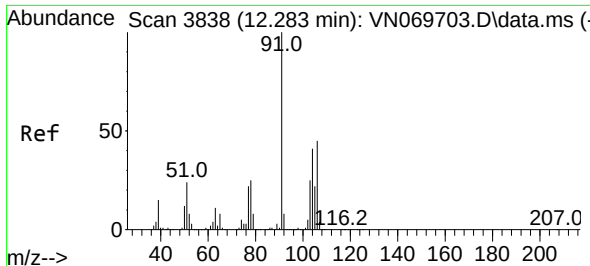
Tgt Ion: 91 Resp: 14575
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 0.789 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Tgt Ion: 106 Resp: 14333
Ion Ratio Lower Upper
106 100
91 225.3 160.6 240.8

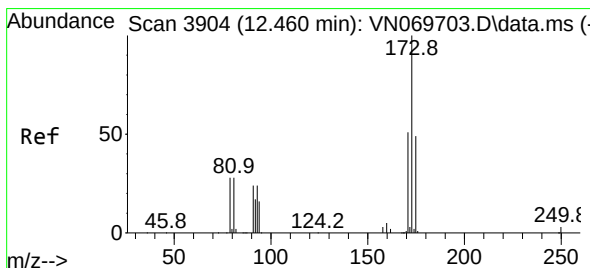
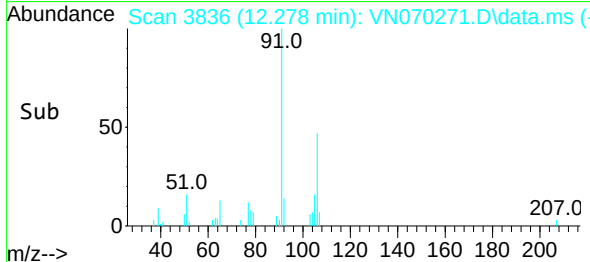
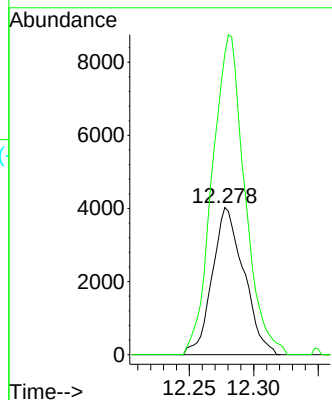
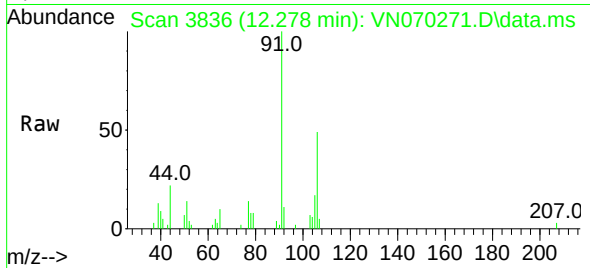




#69
o-Xylene
Concen: 0.375 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

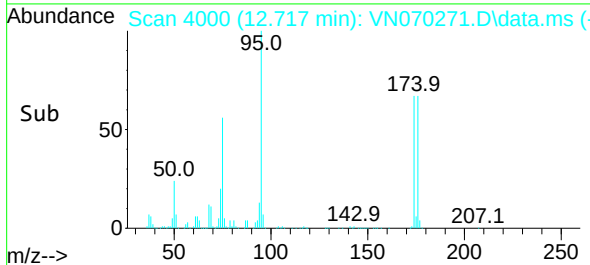
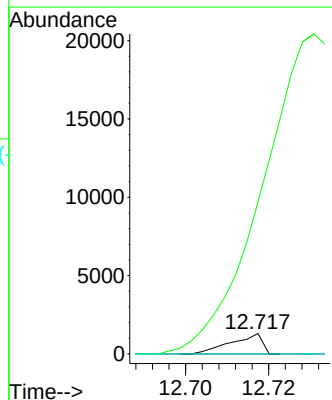
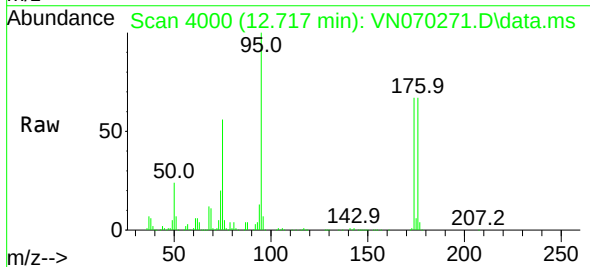
Instrument :
MSVOA_N
ClientSampleId :

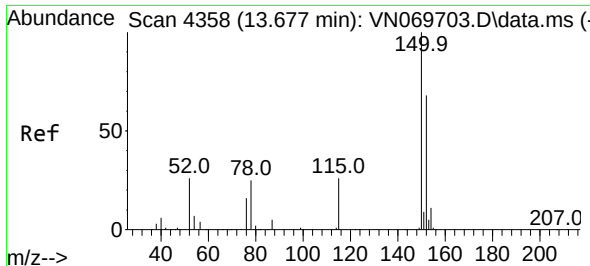
Tgt Ion:106 Resp: 6853
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3



#71
Bromoform
Concen: 2.808 ug/l
RT: 12.717 min Scan# 4000
Delta R.T. 0.257 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

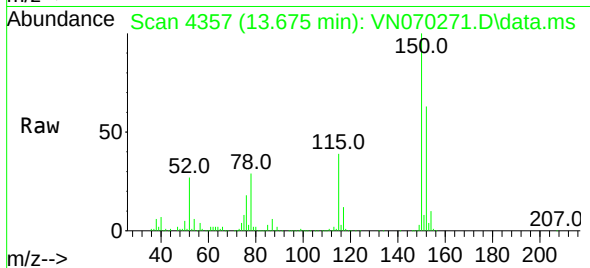
Tgt Ion:173 Resp: 676
Ion Ratio Lower Upper
173 100
175 4959.5 24.2 72.6#
254 0.0 0.0 0.0



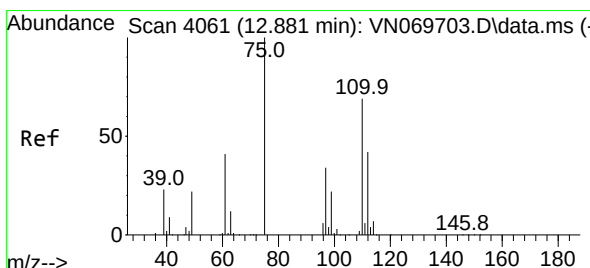
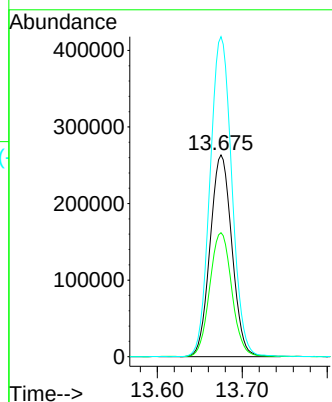
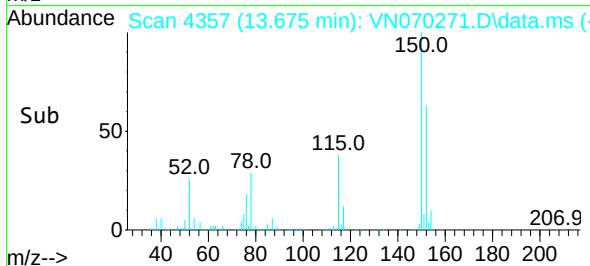


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

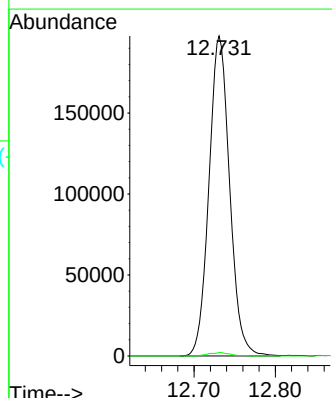
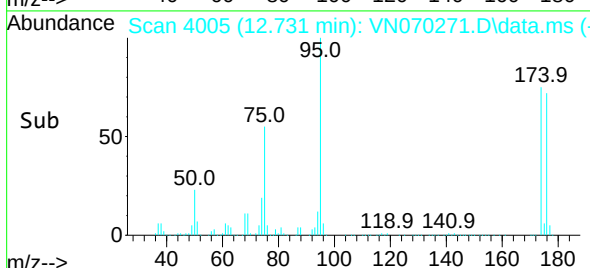
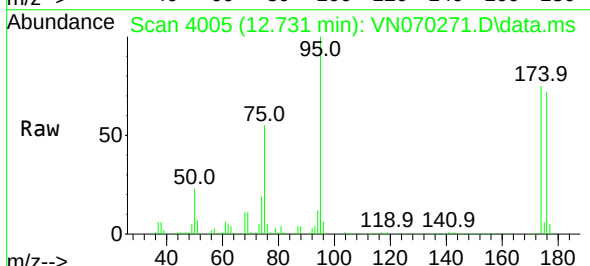


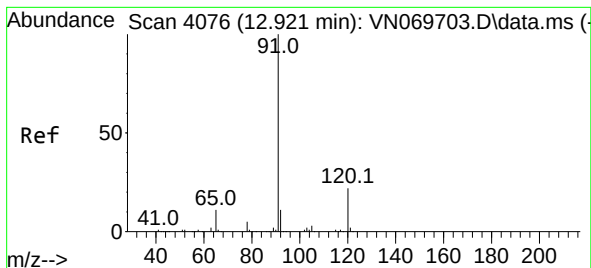
Tgt Ion:152 Resp: 469930
 Ion Ratio Lower Upper
 152 100
 115 62.1 27.5 82.5
 150 158.9 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 25.904 ug/l
 RT: 12.731 min Scan# 4005
 Delta R.T. -0.150 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Tgt Ion: 75 Resp: 349102
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#





#78

n-propylbenzene

Concen: 0.326 ug/l

RT: 12.919 min Scan# 4076

Delta R.T. -0.003 min

Lab File: VN070271.D

Acq: 21 Dec 2021 16:43

Instrument :

MSVOA_N

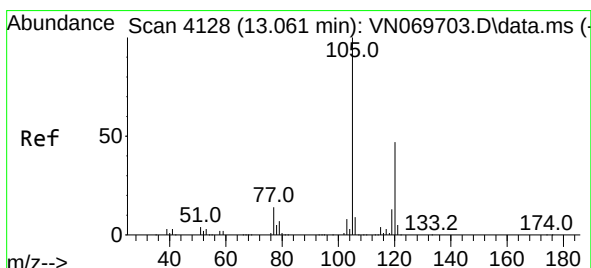
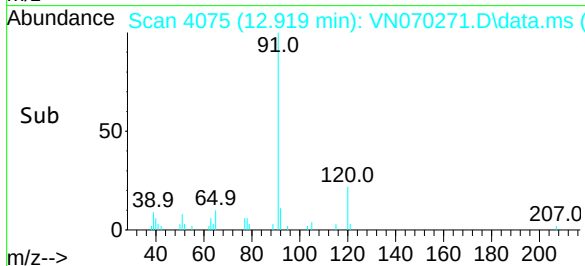
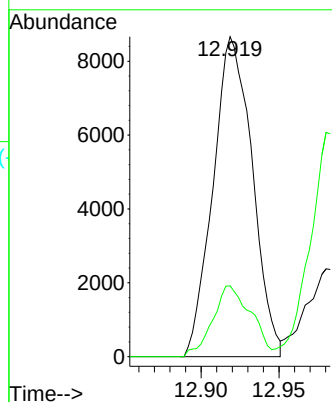
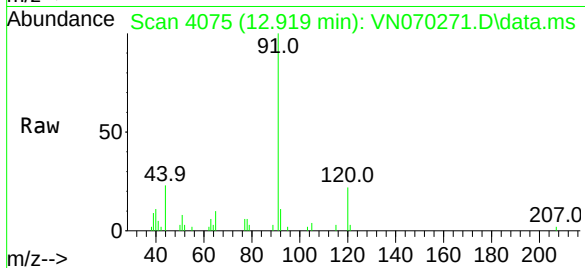
ClientSampleId :

Tgt Ion: 91 Resp: 15178

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 1.252 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.003 min

Lab File: VN070271.D

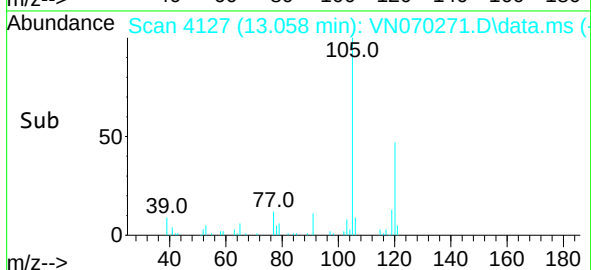
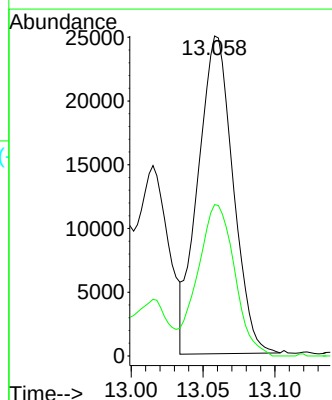
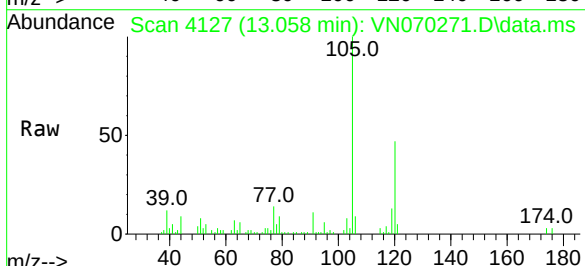
Acq: 21 Dec 2021 16:43

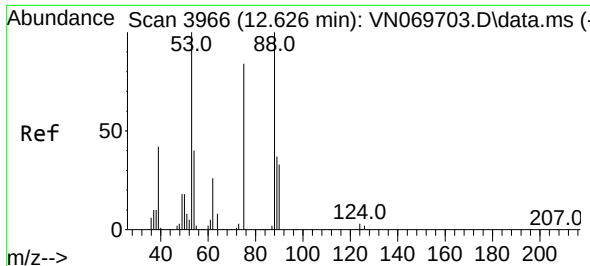
Tgt Ion: 105 Resp: 42149

Ion Ratio Lower Upper

105 100

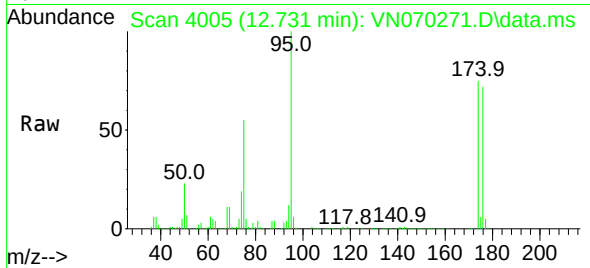
120 50.7 24.6 73.6



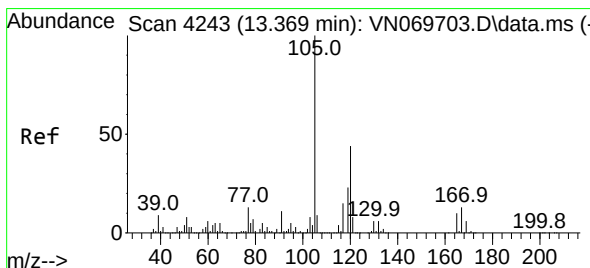
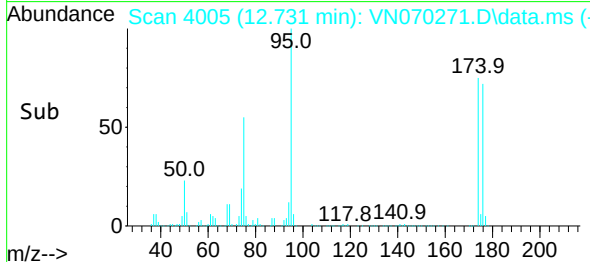
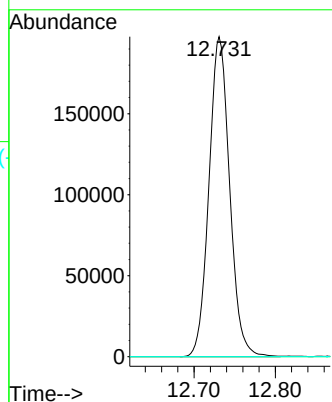


#81
trans-1,4-Dichloro-2-butene
Concen: 81.957 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

Instrument :
MSVOA_N
ClientSampleId :

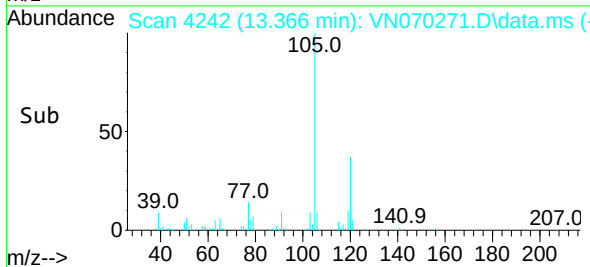
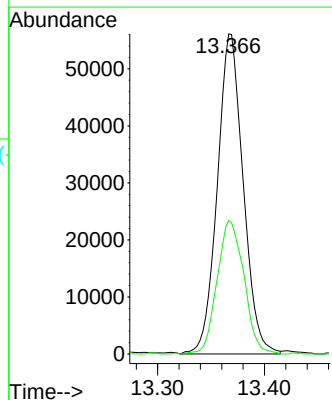
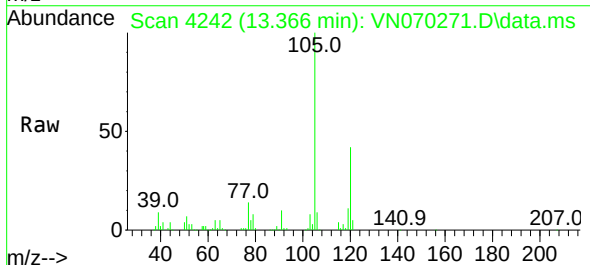


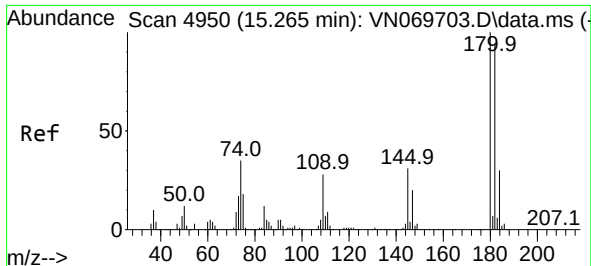
Tgt Ion: 75 Resp: 349102
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.945 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070271.D
Acq: 21 Dec 2021 16:43

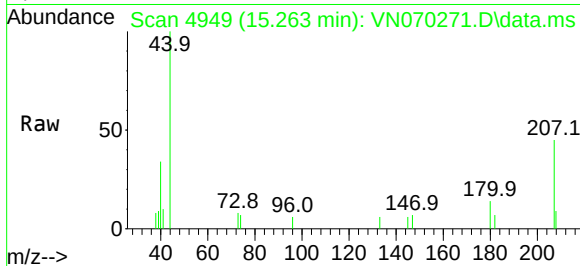
Tgt Ion: 105 Resp: 94378
Ion Ratio Lower Upper
105 100
120 43.2 22.8 68.4



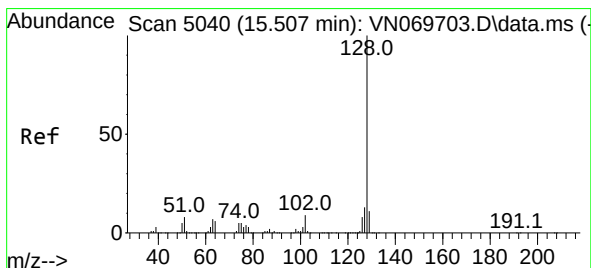
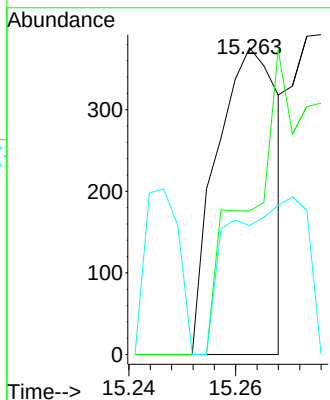
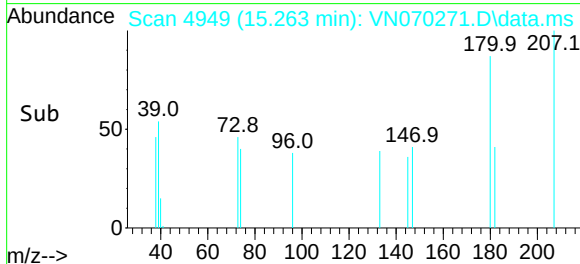


#93
 1,2,4-Trichlorobenzene
 Concen: 2.914 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

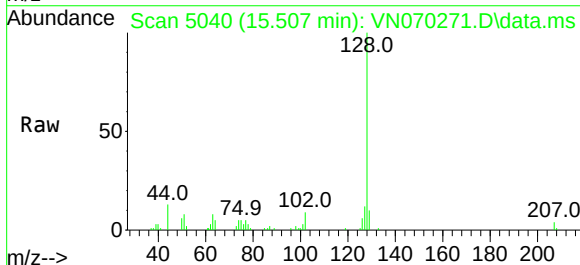
Instrument :
 MSVOA_N
 ClientSampleId :



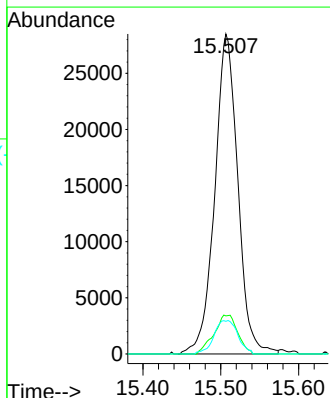
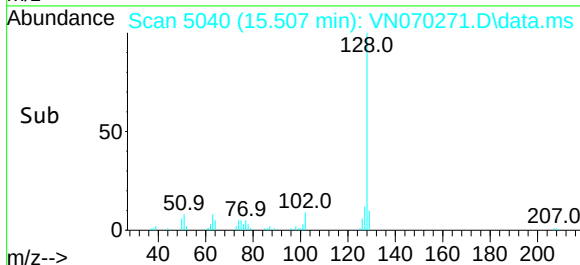
Tgt Ion:180 Resp: 298
 Ion Ratio Lower Upper
 180 100
 182 140.6 48.3 144.9
 145 64.8 14.5 43.5#

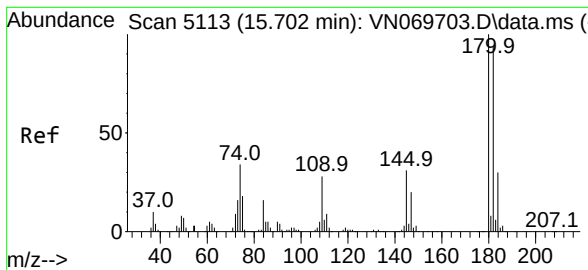


#95
 Naphthalene
 Concen: 6.329 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. -0.000 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43



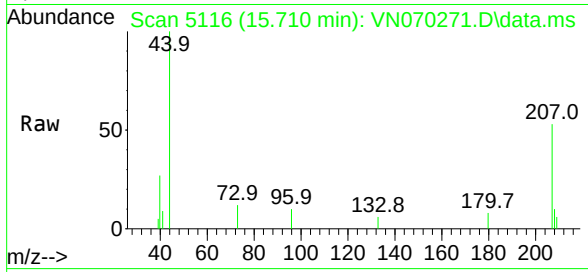
Tgt Ion:128 Resp: 58482
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.5 15.7
 129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.452 ug/l
 RT: 15.710 min Scan# 51
 Delta R.T. 0.008 min
 Lab File: VN070271.D
 Acq: 21 Dec 2021 16:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	127
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.4	142.2#
145	0.0	15.0	45.1#

