

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070161.D
 Acq On : 17 Dec 2021 13:50
 Operator : JC/MD
 Sample : M5131-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:30:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	180886	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1039411	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	950799	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	509826	31.804	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.000%	
60) 4-Bromofluorobenzene	12.733	95	435092	27.810	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 92.700%	
63) Toluene-d8	10.443	98	1322305	30.095	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.300%	
Target Compounds						Qvalue
15) Acetone	4.288	58	2345128	880.573	ug/l	79
16) Carbon Disulfide	4.521	76	130236	4.188	ug/l	99
17) Allyl chloride	4.789	41	89397	3.852	ug/l	# 29
22) cis-1,2-Dichloroethene	7.327	96	6467	0.498	ug/l	# 1
23) tert-Butyl Alcohol	5.385	59	12069198	5202.086	ug/l	# 100
24) Methyl tert-Butyl Ether	5.621	73	87776	2.395	ug/l	# 59
30) 2-Butanone	7.337	43	15365200	1247.855	ug/l	# 89
31) 2,2-Dichloropropane	7.327	77	662614	35.404	ug/l	# 53
34) Benzene	8.461	78	95246	1.800	ug/l	# 38
36) 1,2-Dichloroethane	8.533	62	19854	0.951	ug/l	97
43) Ethyl Acetate	7.337	43	15365200	718.419	ug/l	# 79
45) 1,4-Dioxane	9.574	88	32805	134.657	ug/l	# 61
46) Methyl methacrylate	9.555	41	9303	0.571	ug/l	# 58
47) n-amyl Acetate	12.725	43	5820	0.242	ug/l	93
51) Ethyl methacrylate	11.189	69	4952	0.245	ug/l	84
55) 2-Chloroethyl vinyl ether	10.043	63	5126	1.294	ug/l	# 71
58) 4-Methyl-2-Pentanone	10.333	43	519001	23.782	ug/l	# 93
59) 2-Hexanone	11.060	43	648747	40.211	ug/l	# 48
62) Toluene	10.505	91	240883	4.308	ug/l	98
64) Chlorobenzene	11.771	112	39857	1.201	ug/l	97
66) Ethyl Benzene	11.846	91	195315	3.142	ug/l	100
67) m/p-Xylenes	11.950	106	96954	4.269	ug/l	93
68) o-Xylene	12.280	106	64018	2.849	ug/l	95
69) Styrene	12.291	104	33270	0.908	ug/l	# 80
70) Isopropylbenzene	12.578	105	37410	0.635	ug/l	98
72) 1,2,3-Trichloropropane	12.884	75	3624	0.201	ug/l	1
73) Bromobenzene	12.862	156	2842	0.208	ug/l	# 1
74) n-propylbenzene	12.921	91	24548	0.359	ug/l	97
75) 2-Chlorotoluene	13.010	91	14243	0.341	ug/l	65
76) 1,3,5-Trimethylbenzene	13.058	105	21859	0.451	ug/l	98
78) 4-Chlorotoluene	13.106	91	12822	0.320	ug/l	41
80) 1,2,4-Trimethylbenzene	13.369	105	75831	1.619	ug/l	# 81
81) sec-Butylbenzene	13.503	105	12801	0.218	ug/l	68
82) p-Isopropyltoluene	13.616	119	88802	1.900	ug/l	94
83) 1,3-Dichlorobenzene	13.613	146	6863	0.297	ug/l	91
84) 1,4-Dichlorobenzene	13.694	146	54888	2.466	ug/l	97
85) n-Butylbenzene	13.943	91	19440	0.498	ug/l	95
87) 1,2-Dichlorobenzene	13.994	146	11921	0.536	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.597	75	979	0.265	ug/l	# 36

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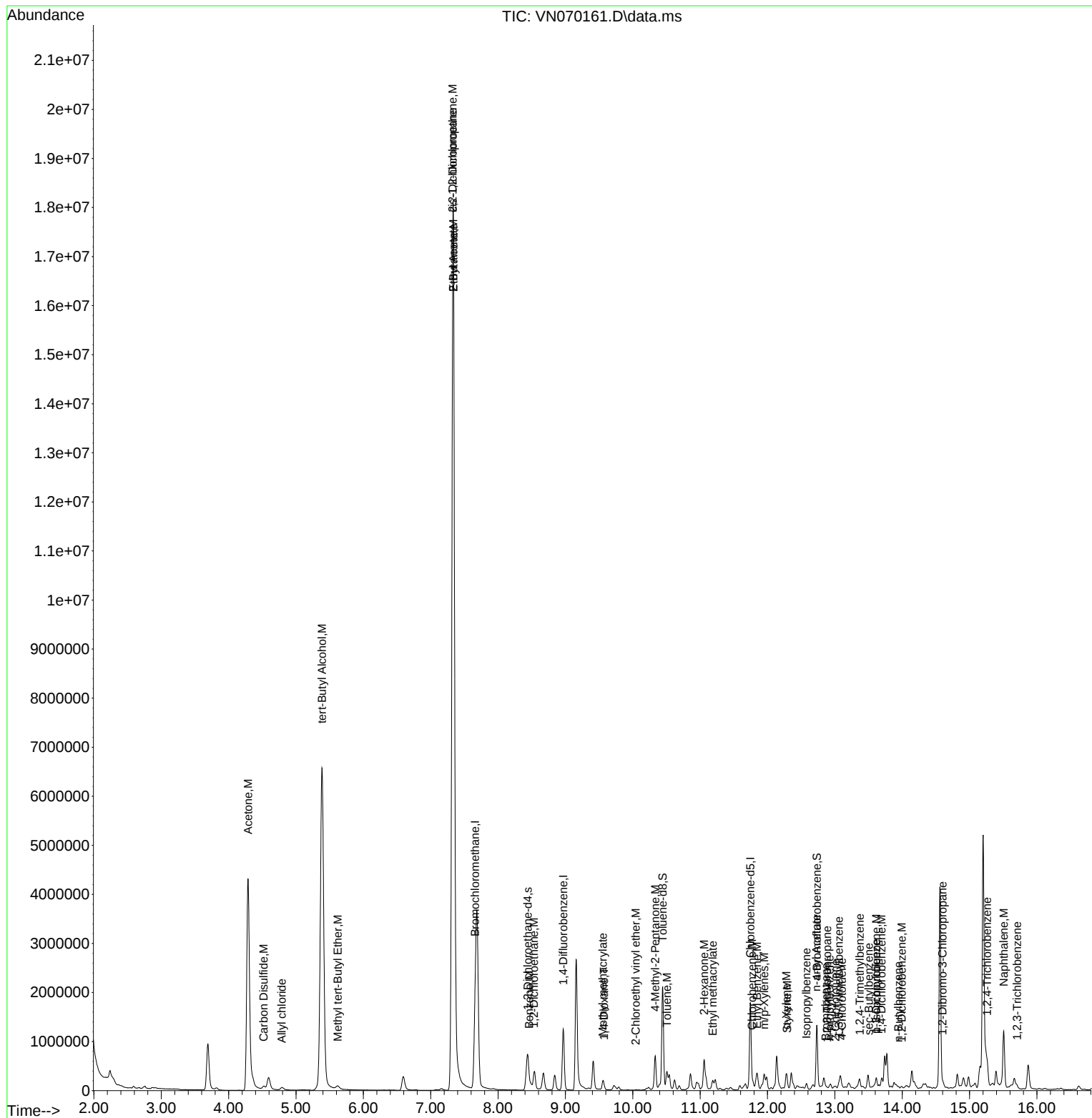
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 1,2,4-Trichlorobenzene	15.262	180	18341	1.773	ug/l	98
91) Naphthalene	15.507	128	1039503	35.224	ug/l	99
92) 1,2,3-Trichlorobenzene	15.705	180	20823	2.131	ug/l	95

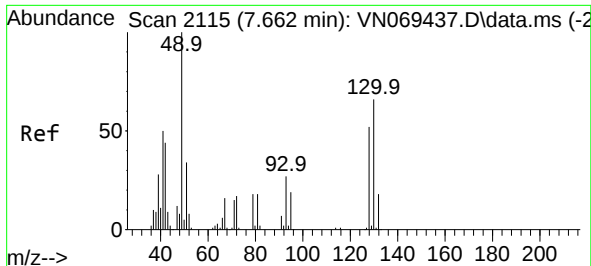
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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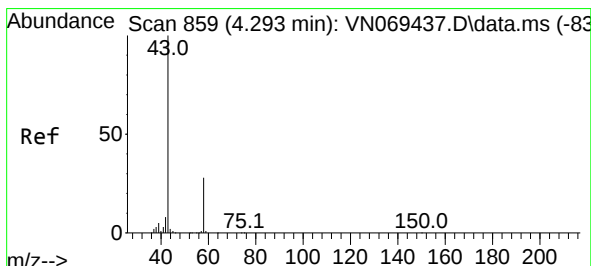
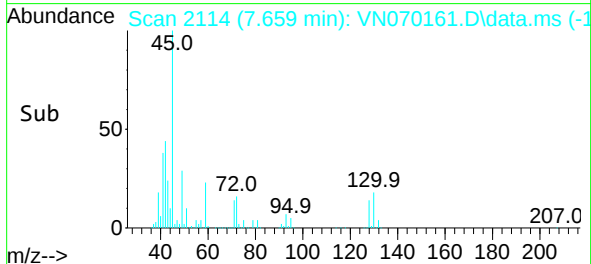
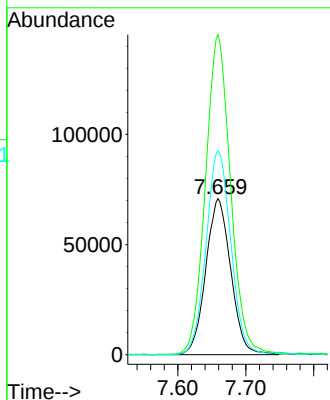
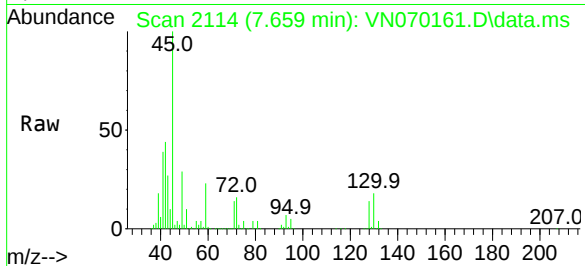




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

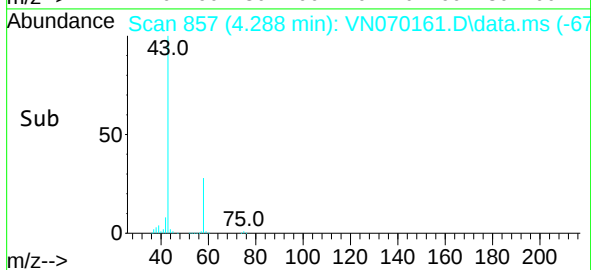
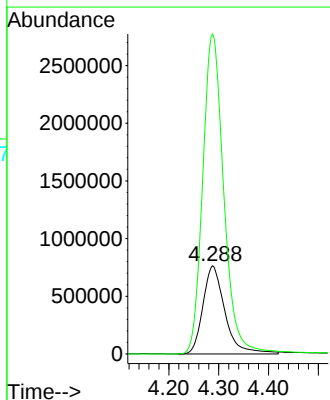
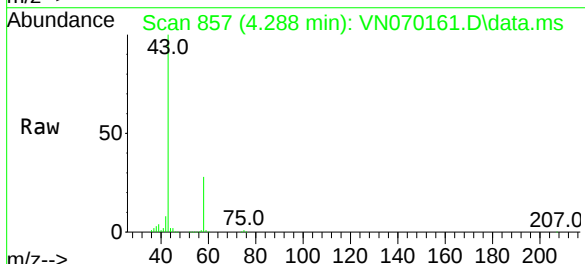
Instrument :
MSVOA_N
ClientSampleId :

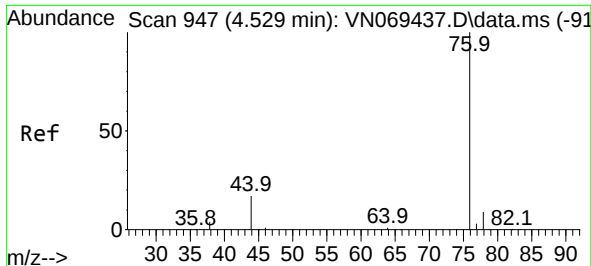
Tgt Ion:128 Resp: 180886
Ion Ratio Lower Upper
128 100
49 204.9 0.0 392.3
130 130.1 0.0 320.2



#15
Acetone
Concen: 880.573 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

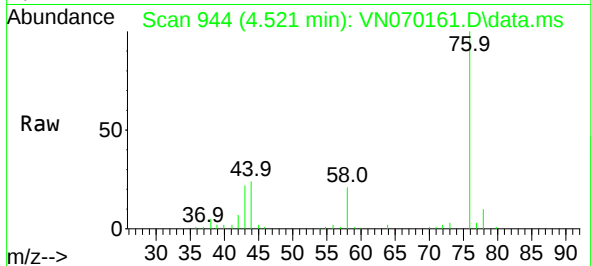
Tgt Ion: 58 Resp: 2345128
Ion Ratio Lower Upper
58 100
43 363.0 256.6 384.8



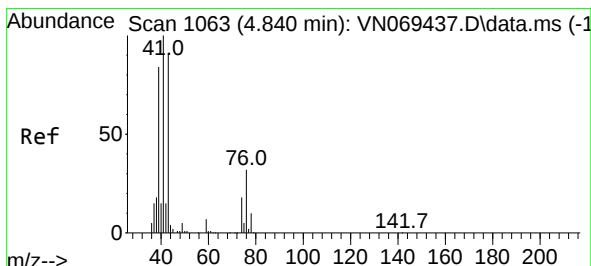
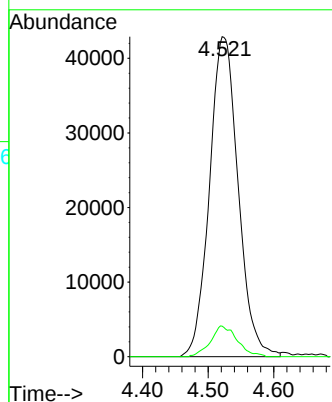
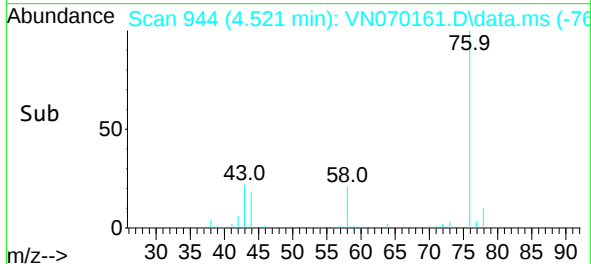


#16
Carbon Disulfide
Concen: 4.188 ug/l
RT: 4.521 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

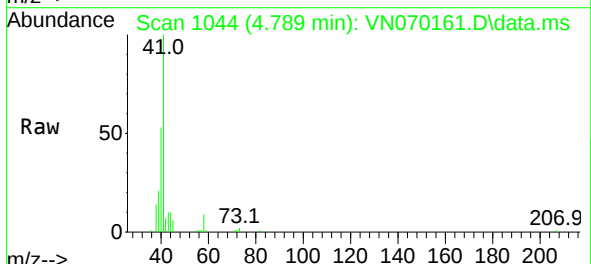
Instrument :
MSVOA_N
ClientSampleId :



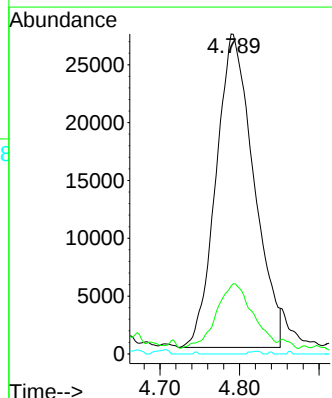
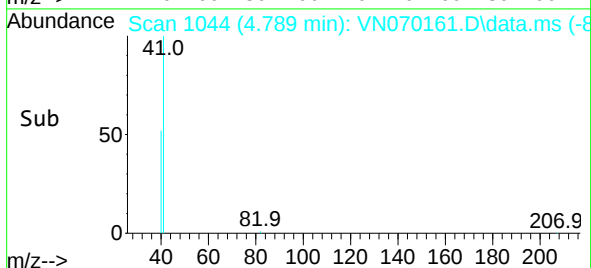
Tgt Ion: 76 Resp: 130236
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8

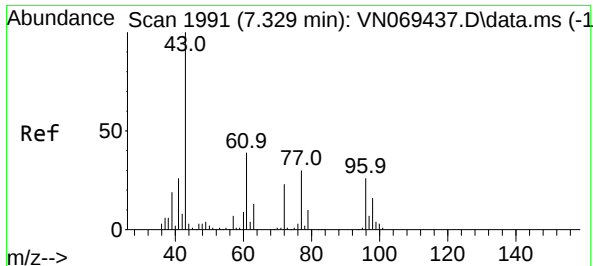


#17
Allyl chloride
Concen: 3.852 ug/l
RT: 4.789 min Scan# 1044
Delta R.T. -0.051 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50



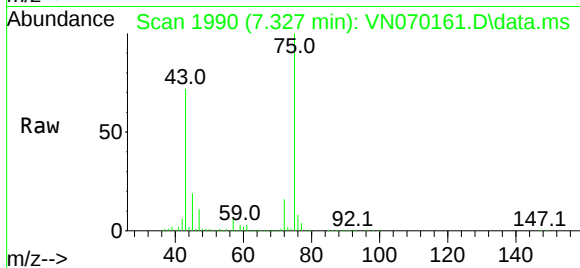
Tgt Ion: 41 Resp: 89397
Ion Ratio Lower Upper
41 100
39 19.9 44.6 134.0#
76 0.0 19.6 58.7#



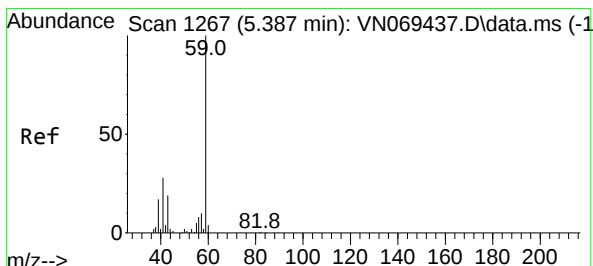
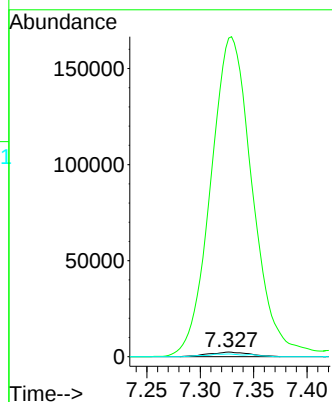
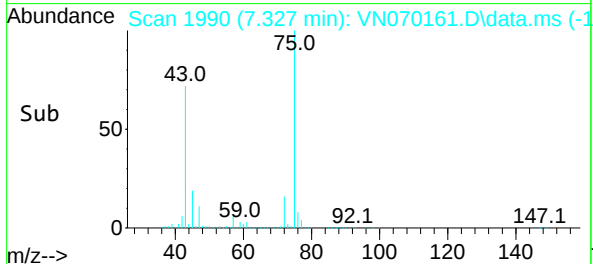


#22
 cis-1,2-Dichloroethene
 Concen: 0.498 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: VN070161.D
 Acq: 17 Dec 2021 13:50

Instrument :
 MSVOA_N
 ClientSampleId :

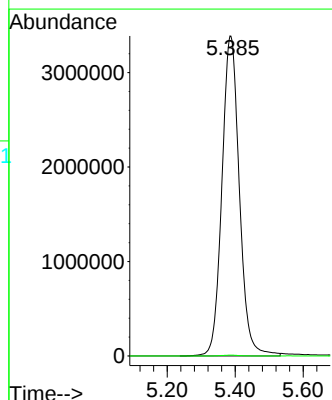
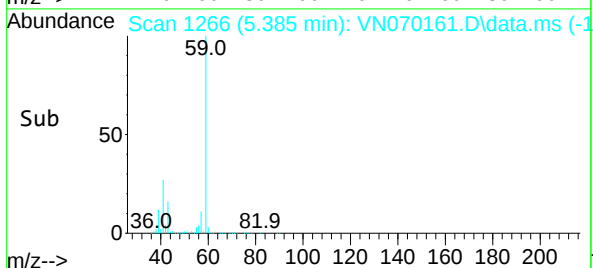
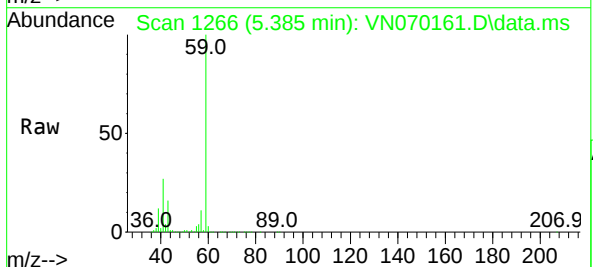


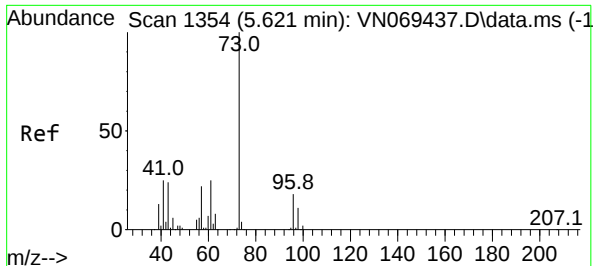
Tgt Ion: 96 Resp: 6467
 Ion Ratio Lower Upper
 96 100
 61 7019.9 115.7 173.5#
 98 25.8 51.6 77.4#



#23
 tert-Butyl Alcohol
 Concen: 5202.086 ug/l
 RT: 5.385 min Scan# 1266
 Delta R.T. 0.011 min
 Lab File: VN070161.D
 Acq: 17 Dec 2021 13:50

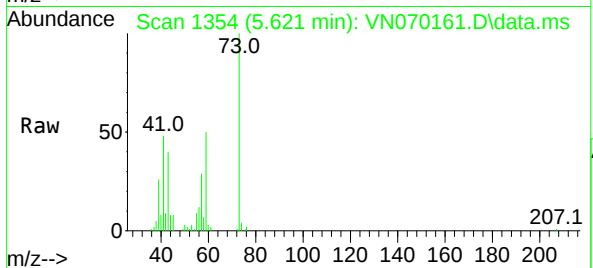
Tgt Ion: 59 Resp: 12069198
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#



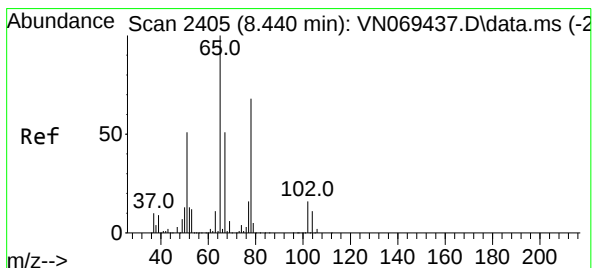
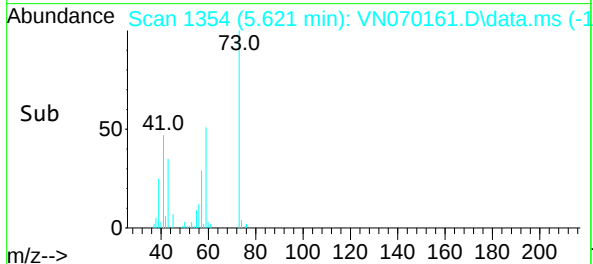
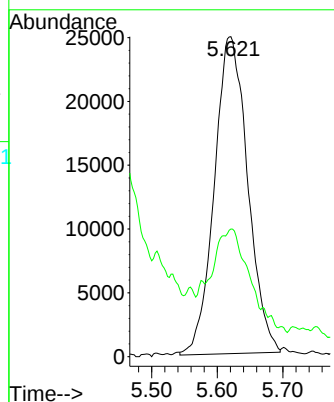


#24
Methyl tert-Butyl Ether
Concen: 2.395 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Instrument :
MSVOA_N
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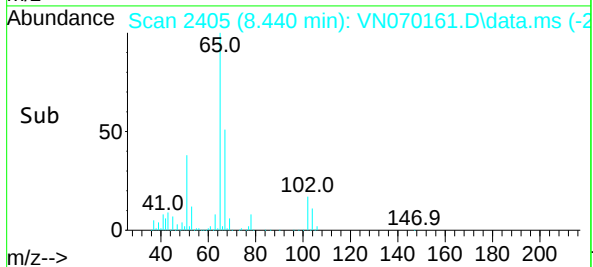
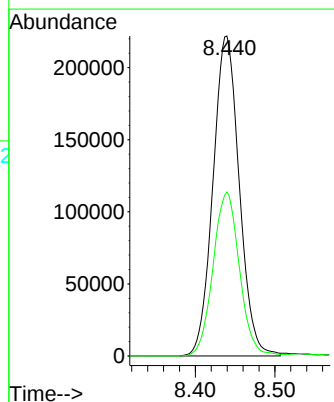
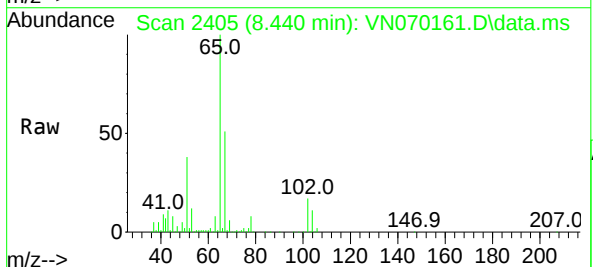


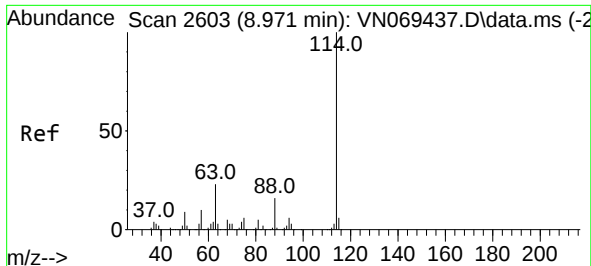
Tgt Ion: 73 Resp: 87776
Ion Ratio Lower Upper
73 100
43 2.8 18.1 27.1#



#27
1,2-Dichloroethane-d4
Concen: 31.804 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 65 Resp: 509826
Ion Ratio Lower Upper
65 100
67 51.4 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

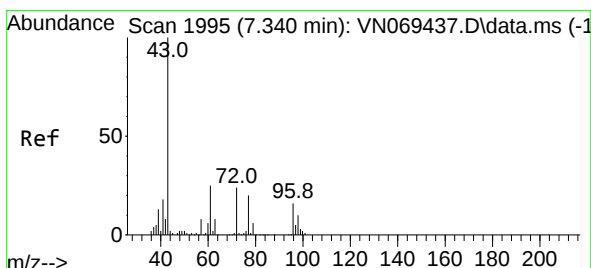
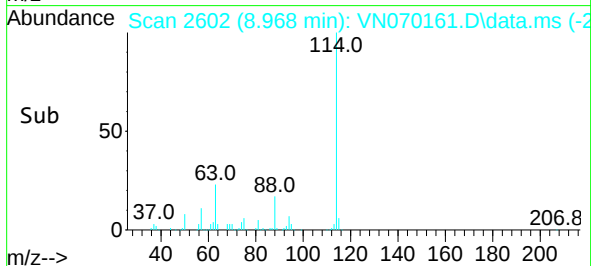
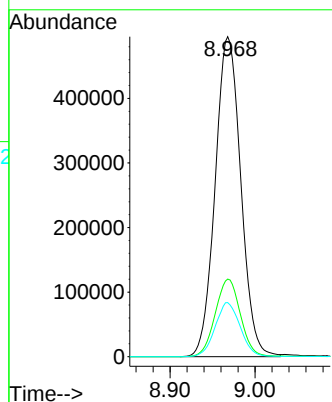
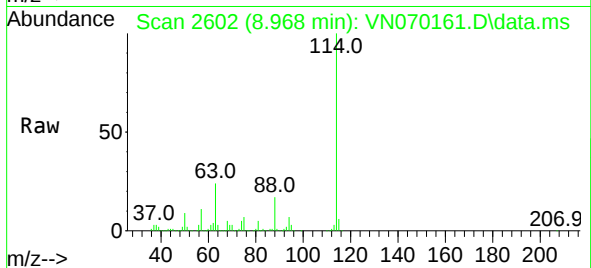
Tgt Ion:114 Resp: 1039411

Ion Ratio Lower Upper

114 100

63 23.8 15.8 23.6#

88 16.6 11.6 17.4



#30

2-Butanone

Concen: 1247.855 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

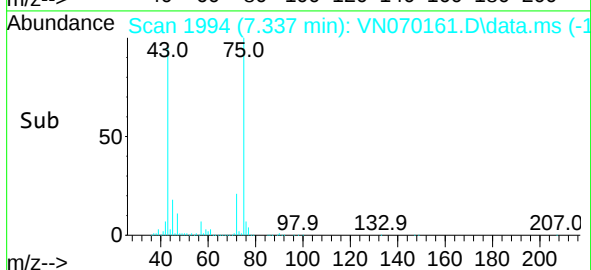
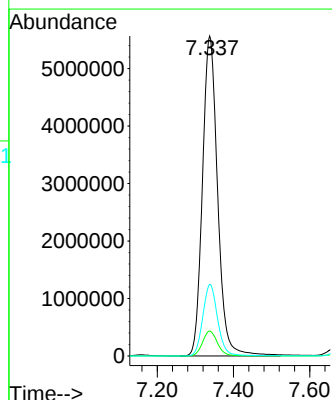
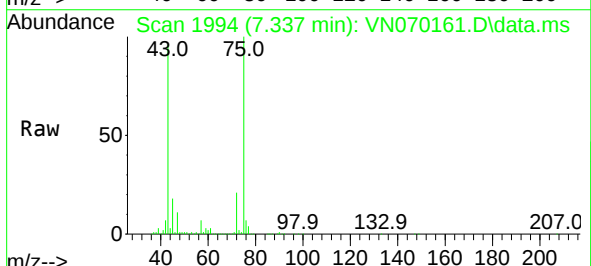
Tgt Ion: 43 Resp:15365200

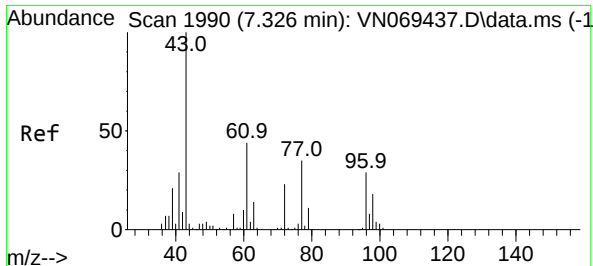
Ion Ratio Lower Upper

43 100

57 7.7 6.7 10.1

72 21.9 23.2 34.8#





#31

2,2-Dichloropropane

Concen: 35.404 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

Instrument :

MSVOA_N

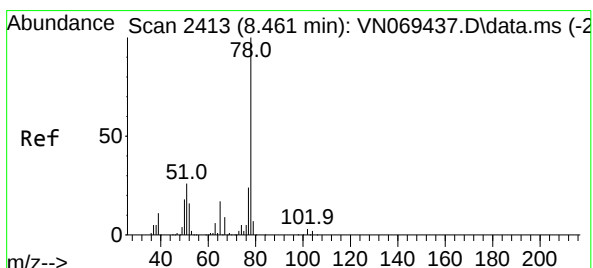
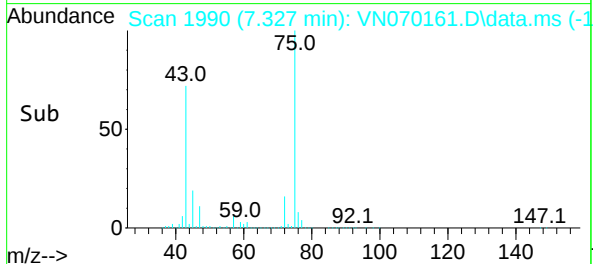
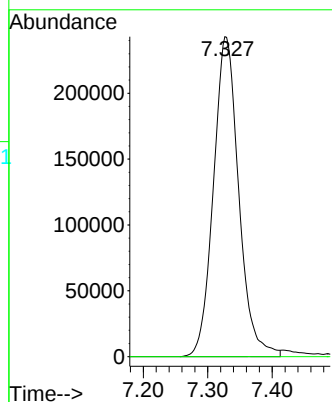
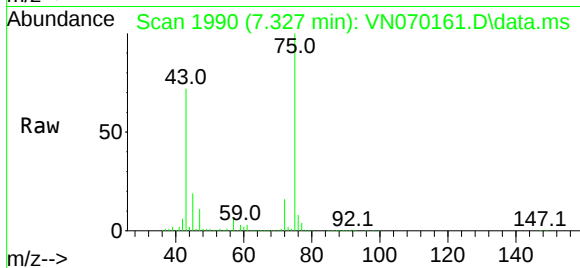
ClientSampleId :

Tgt Ion: 77 Resp: 662614

Ion Ratio Lower Upper

77 100

97 0.0 18.3 27.5#



#34

Benzene

Concen: 1.800 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. -0.000 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

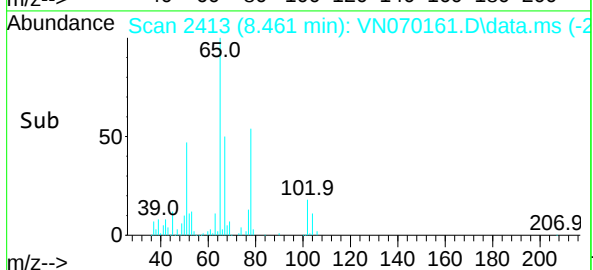
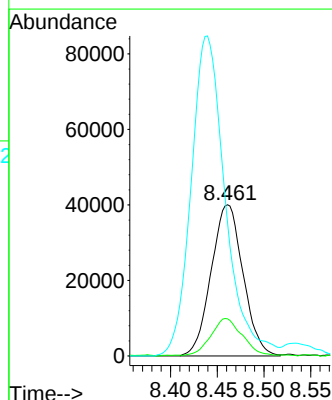
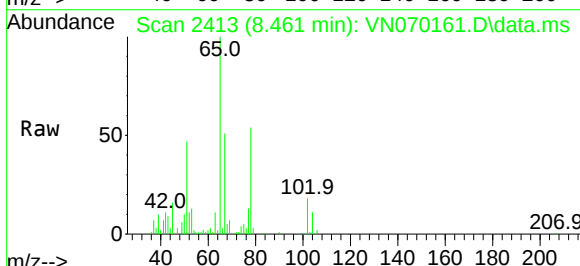
Tgt Ion: 78 Resp: 95246

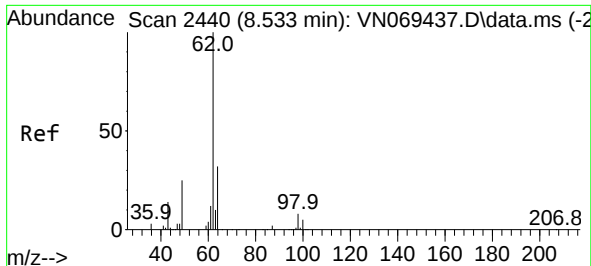
Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

51 82.4 16.0 24.0#

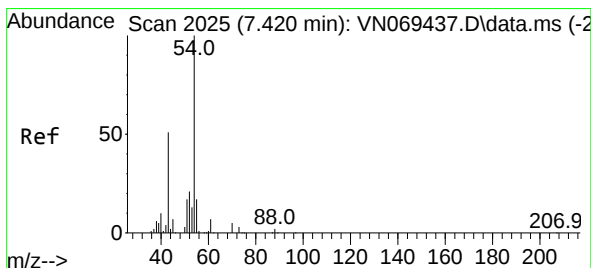
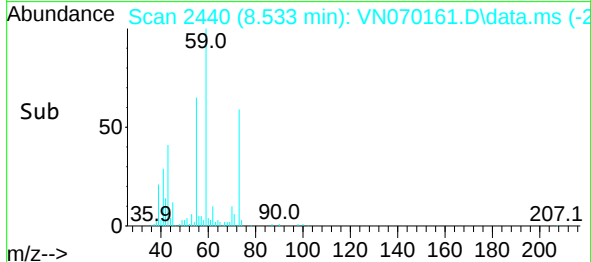
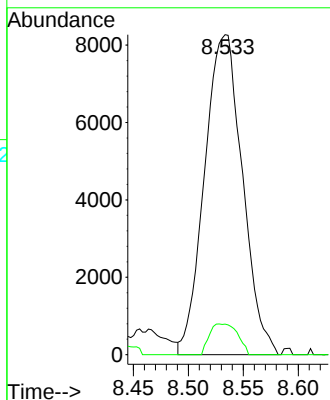
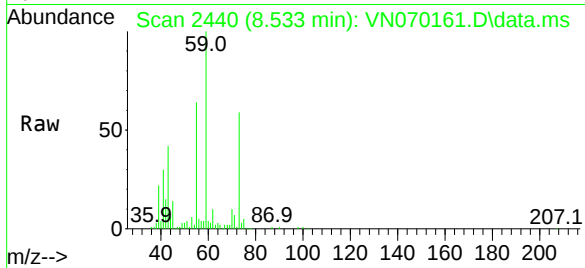




#36
1,2-Dichloroethane
Concen: 0.951 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

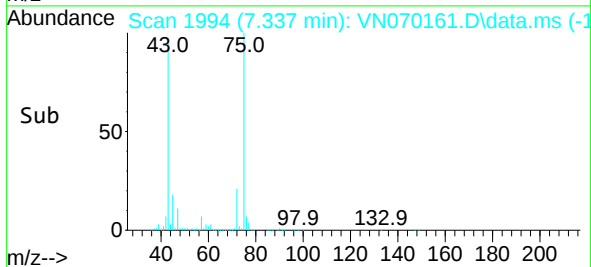
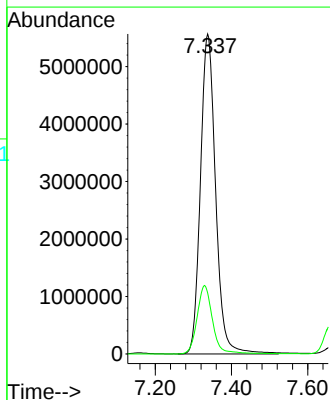
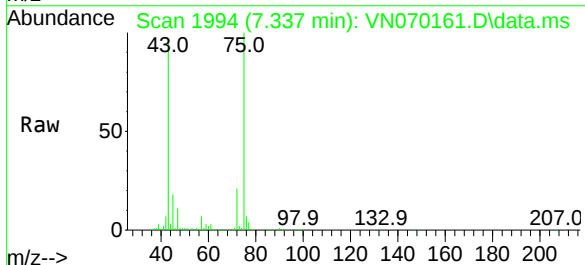
Instrument :
MSVOA_N
ClientSampleId :

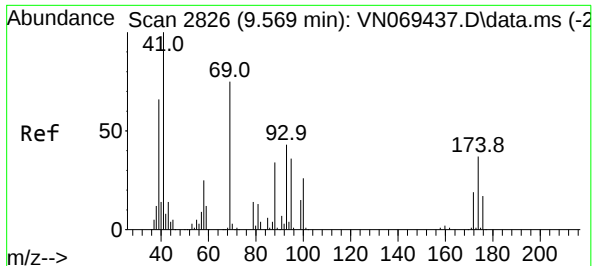
Tgt Ion: 62 Resp: 19854
Ion Ratio Lower Upper
62 100
98 7.1 6.6 10.0



#43
Ethyl Acetate
Concen: 718.419 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.075 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 43 Resp:15365200
Ion Ratio Lower Upper
43 100
45 21.7 10.6 16.0#





#45

1,4-Dioxane

Concen: 134.657 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.005 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

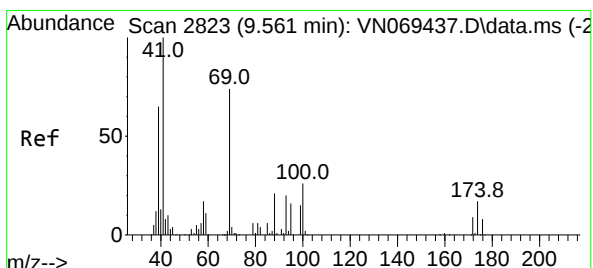
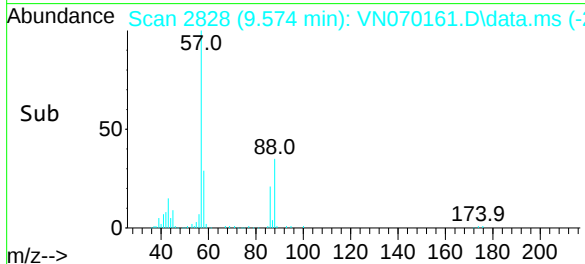
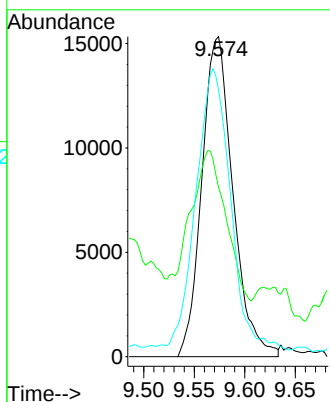
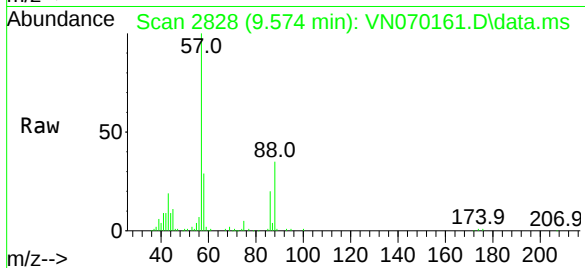
Tgt Ion: 88 Resp: 32805

Ion Ratio Lower Upper

88 100

43 51.7 25.0 37.6#

58 92.0 49.4 74.2#



#46

Methyl methacrylate

Concen: 0.571 ug/l

RT: 9.555 min Scan# 2821

Delta R.T. -0.005 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

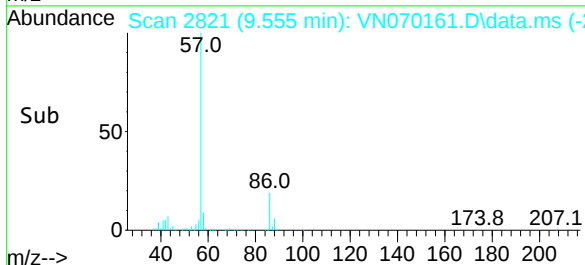
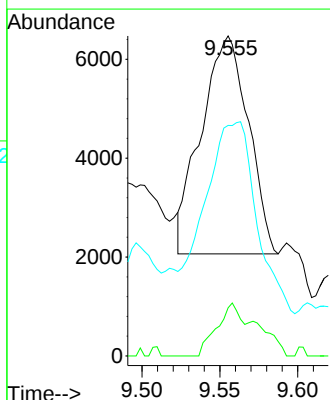
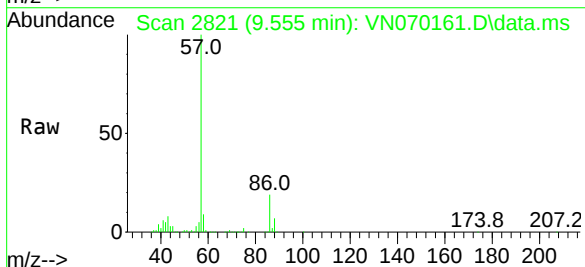
Tgt Ion: 41 Resp: 9303

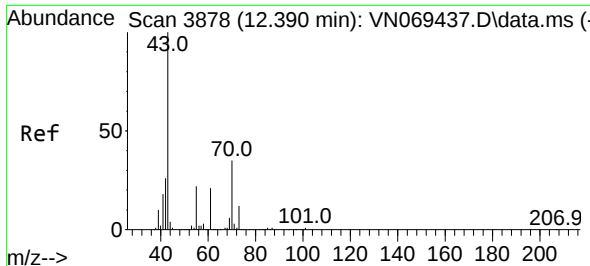
Ion Ratio Lower Upper

41 100

69 22.1 44.4 133.2#

39 72.4 39.9 119.6

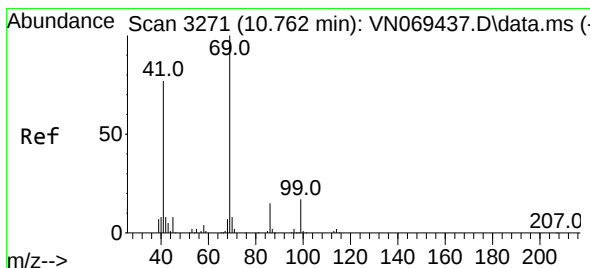
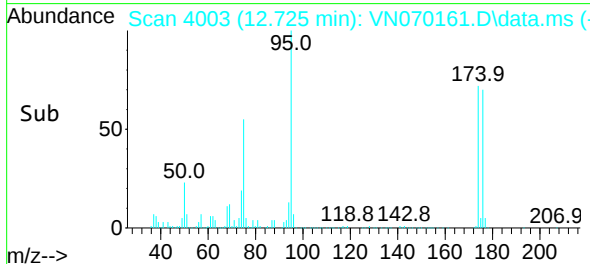
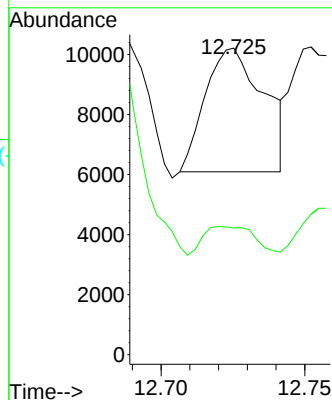
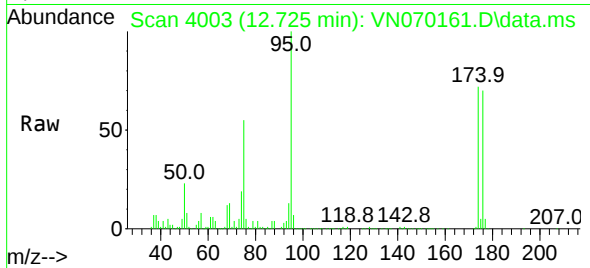




#47
n-amy1 Acetate
Concen: 0.242 ug/l
RT: 12.725 min Scan# 40
Delta R.T. 0.338 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

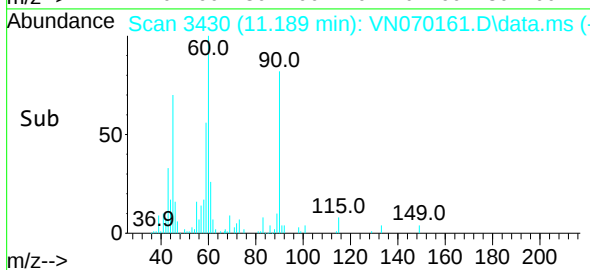
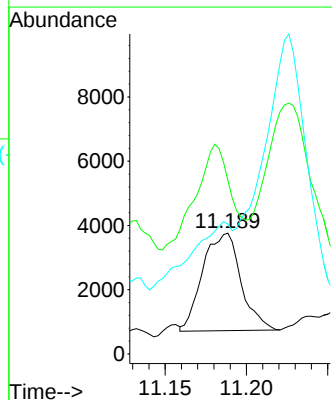
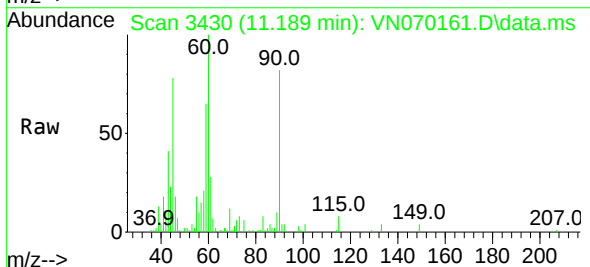
Instrument :
MSVOA_N
ClientSampleId :

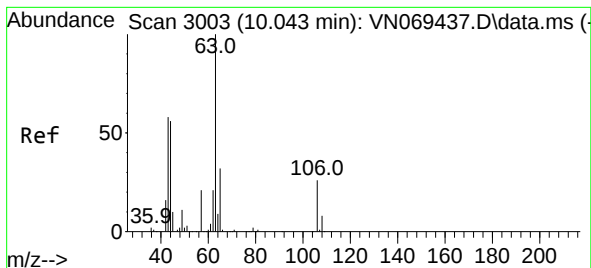
Tgt Ion: 43 Resp: 5820
Ion Ratio Lower Upper
43 100
55 20.5 19.0 28.6



#51
Ethyl methacrylate
Concen: 0.245 ug/l
RT: 11.189 min Scan# 3430
Delta R.T. 0.429 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 69 Resp: 4952
Ion Ratio Lower Upper
69 100
41 50.7 33.0 98.9
39 43.3 25.4 76.4

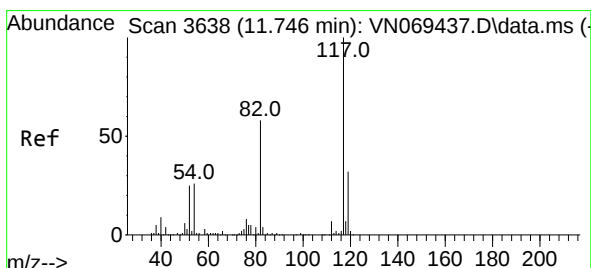
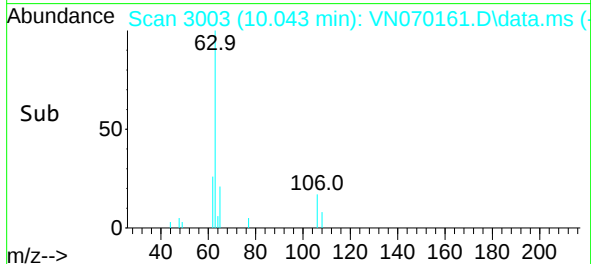
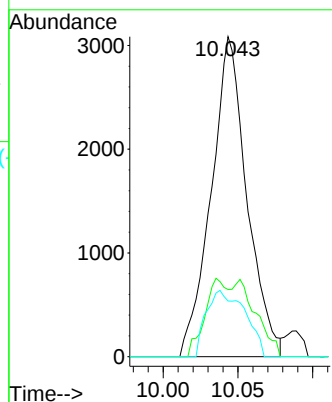
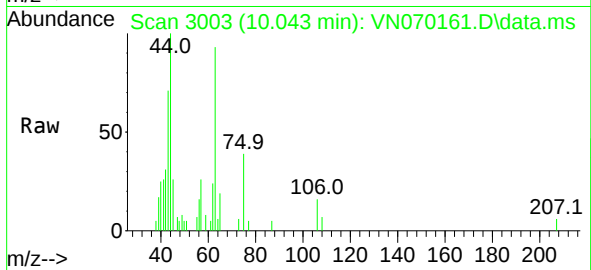




#55
2-Chloroethyl vinyl ether
Concen: 1.294 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

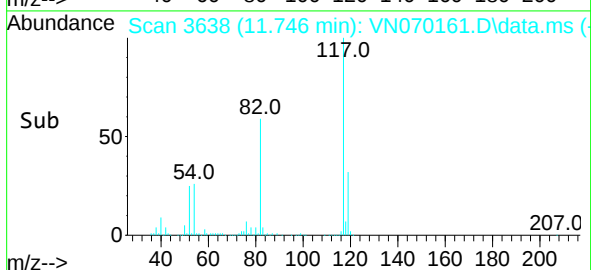
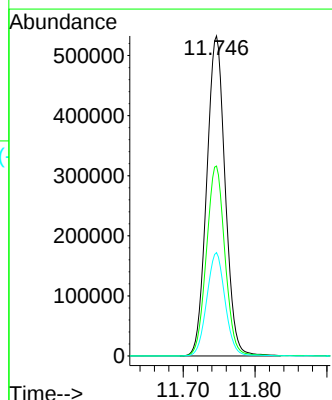
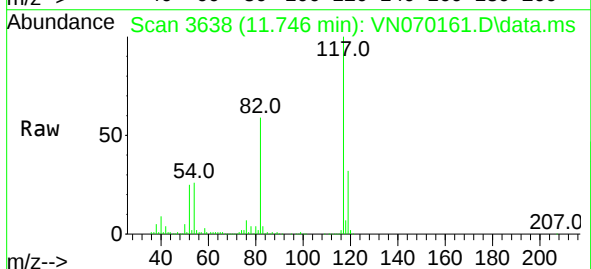
Instrument :
MSVOA_N
ClientSampleId :

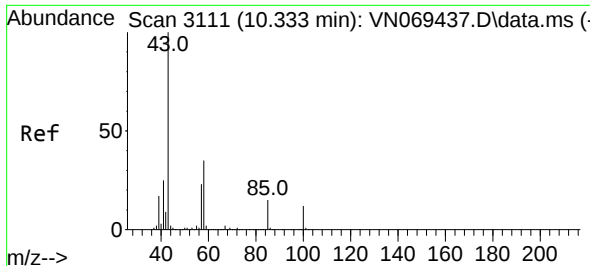
Tgt Ion: 63 Resp: 5126
Ion Ratio Lower Upper
63 100
65 15.4 25.4 38.0#
106 14.2 23.2 34.8#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 117 Resp: 950799
Ion Ratio Lower Upper
117 100
82 59.7 43.6 65.4
119 32.0 25.8 38.6

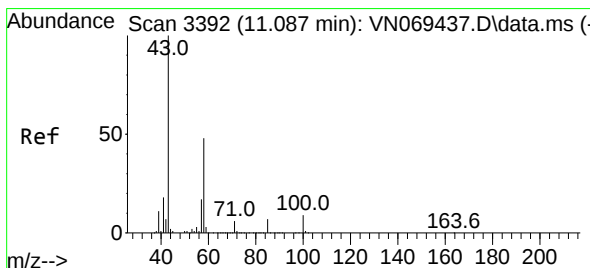
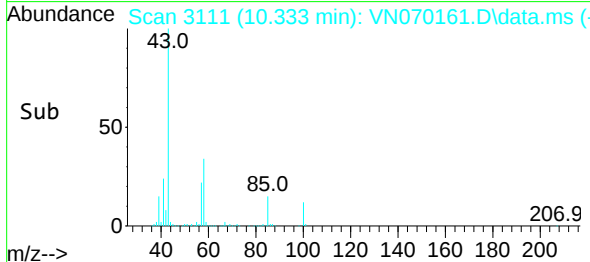
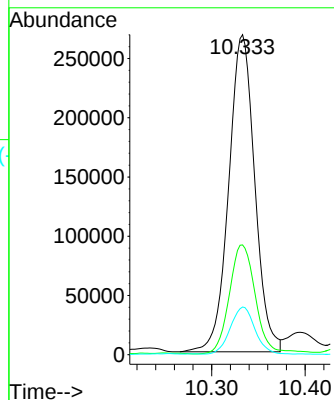
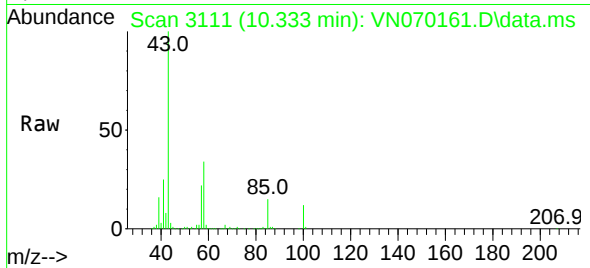




#58
4-Methyl-2-Pentanone
Concen: 23.782 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

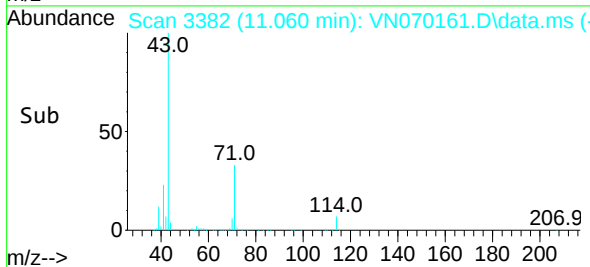
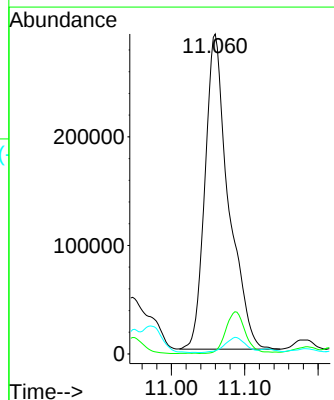
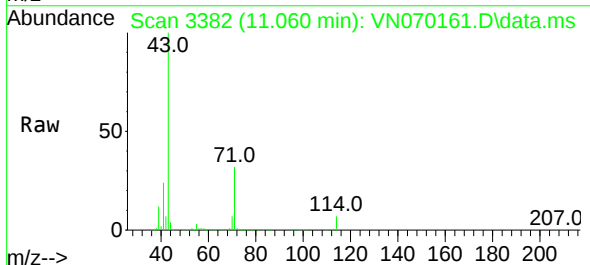
Instrument :
MSVOA_N
ClientSampleId :

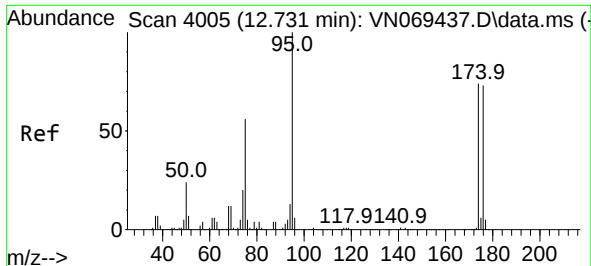
Tgt Ion: 43 Resp: 519001
Ion Ratio Lower Upper
43 100
58 34.7 30.0 45.0
85 14.0 15.0 22.6#



#59
2-Hexanone
Concen: 40.211 ug/l
RT: 11.060 min Scan# 3382
Delta R.T. -0.024 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 43 Resp: 648747
Ion Ratio Lower Upper
43 100
58 11.0 42.2 63.2#
57 4.1 15.0 22.4#

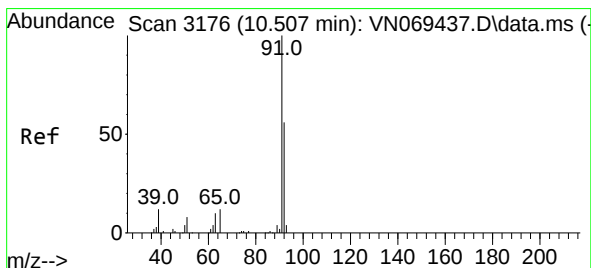
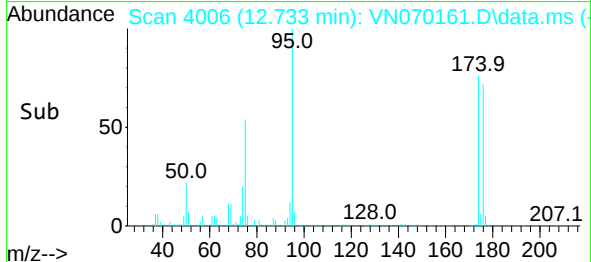
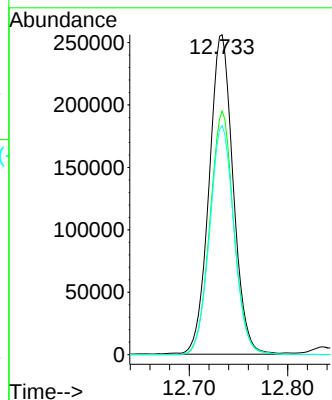
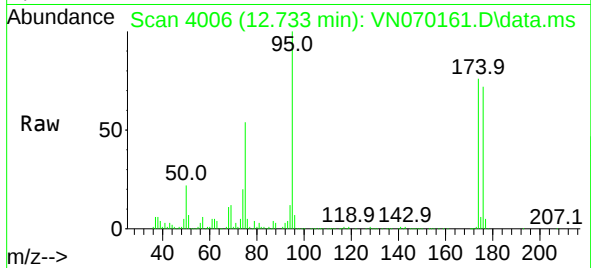




#60
4-Bromofluorobenzene
Concen: 27.810 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

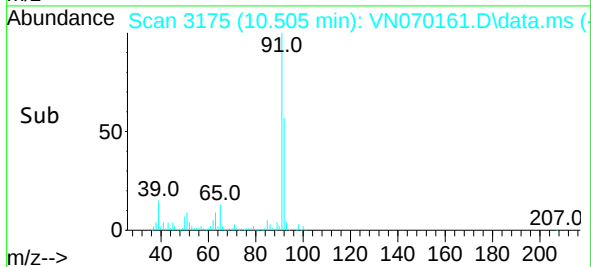
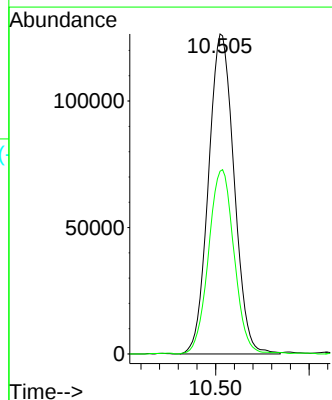
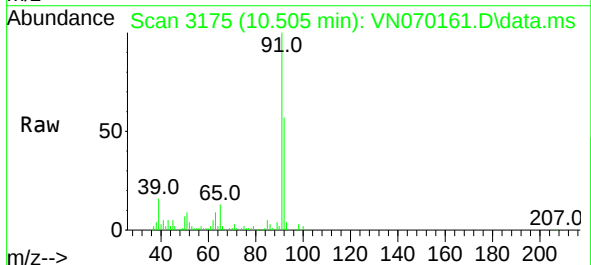
Instrument :
MSVOA_N
ClientSampleId :

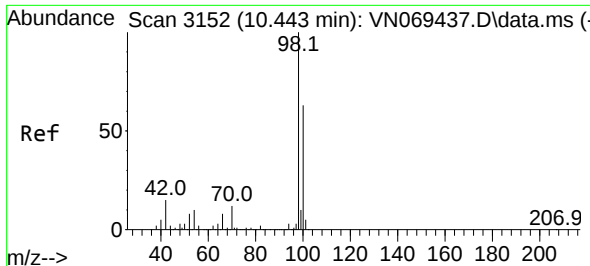
Tgt Ion: 95 Resp: 435092
Ion Ratio Lower Upper
95 100
174 75.8 62.9 94.3
176 73.0 61.0 91.4



#62
Toluene
Concen: 4.308 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 91 Resp: 240883
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0

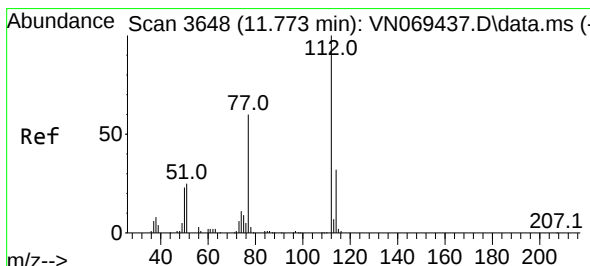
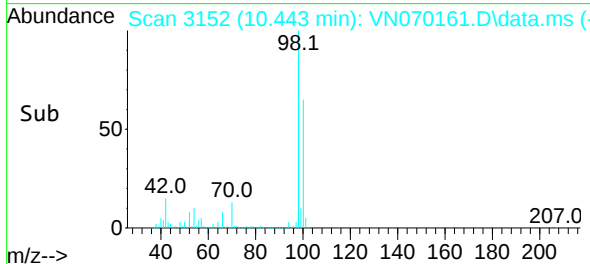
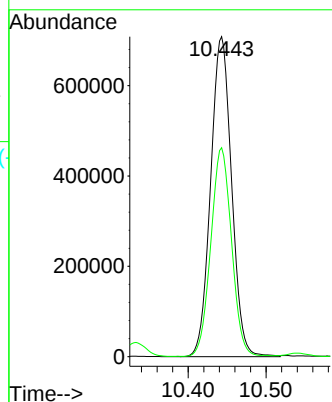
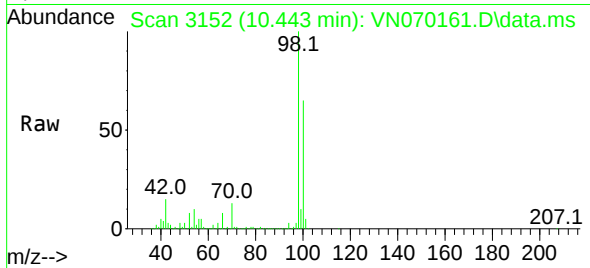




#63
Toluene-d8
Concen: 30.095 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

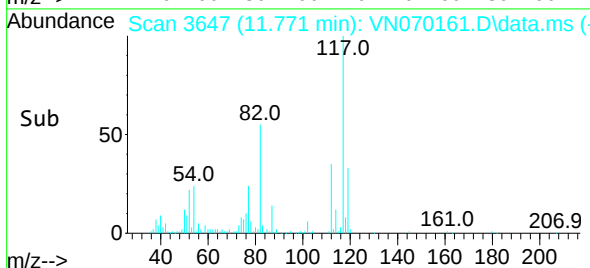
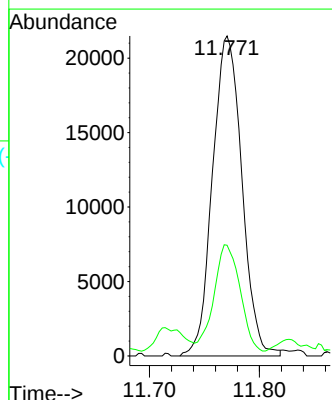
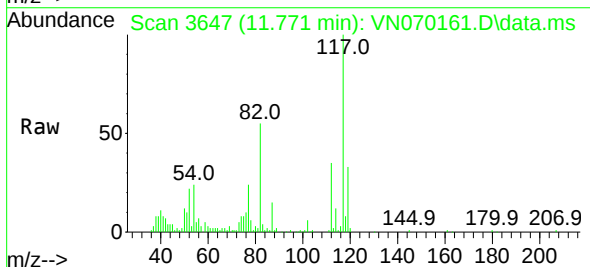
Instrument :
MSVOA_N
ClientSampleId :

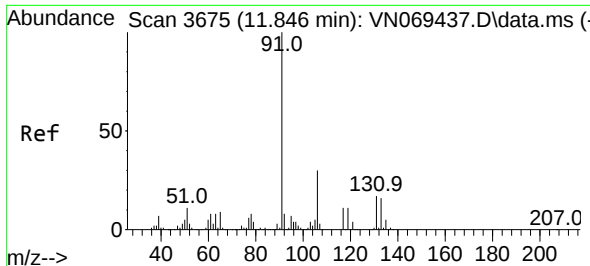
Tgt Ion: 98 Resp: 1322305
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 1.201 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 112 Resp: 39857
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

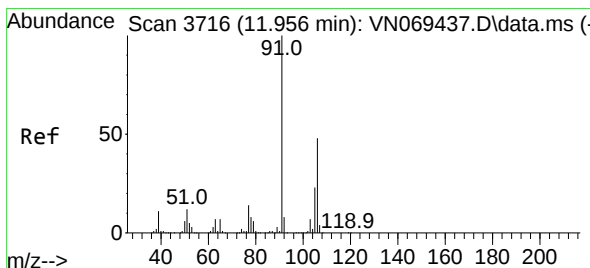
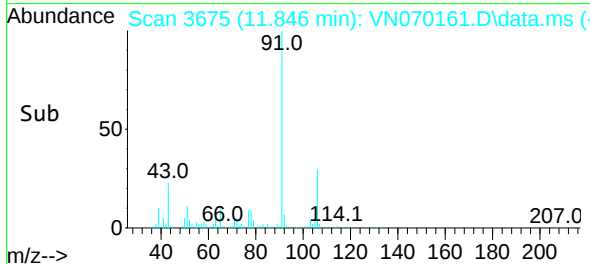
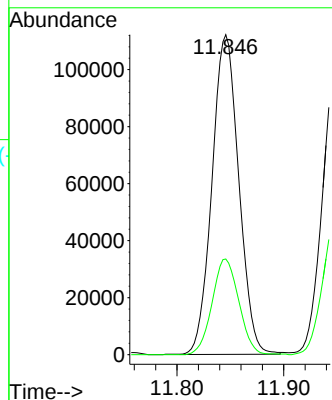
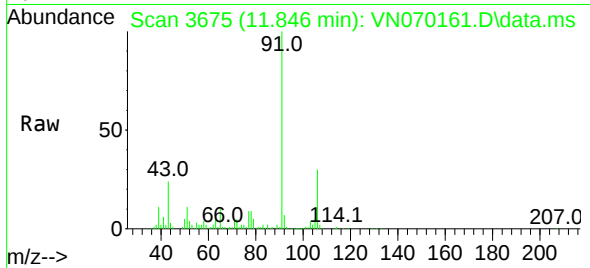




#66
Ethyl Benzene
Concen: 3.142 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

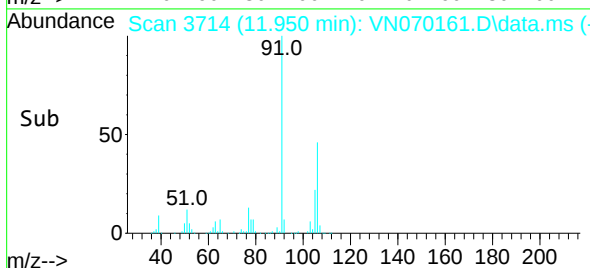
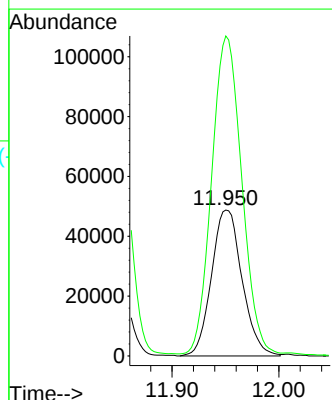
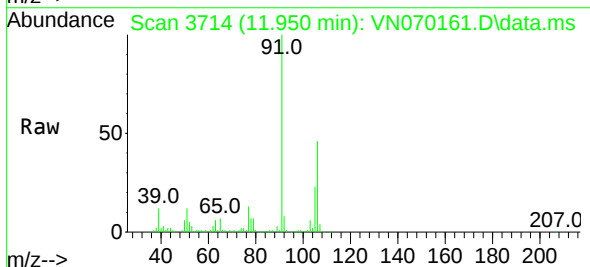
Instrument :
MSVOA_N
ClientSampleId :

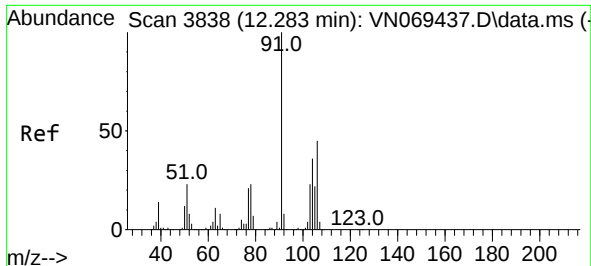
Tgt Ion: 91 Resp: 195315
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#67
m/p-Xylenes
Concen: 4.269 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 106 Resp: 96954
Ion Ratio Lower Upper
106 100
91 213.8 162.9 244.3

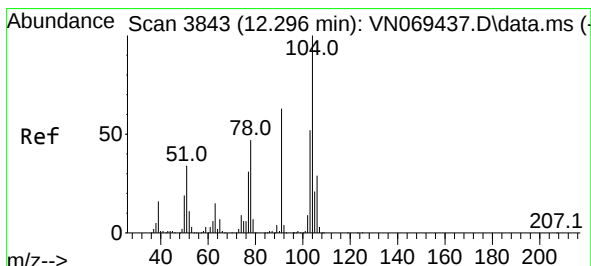
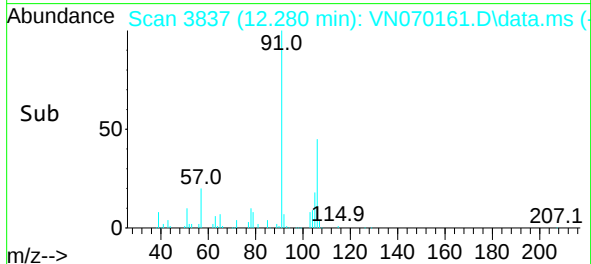
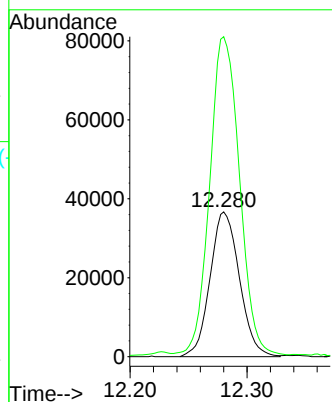
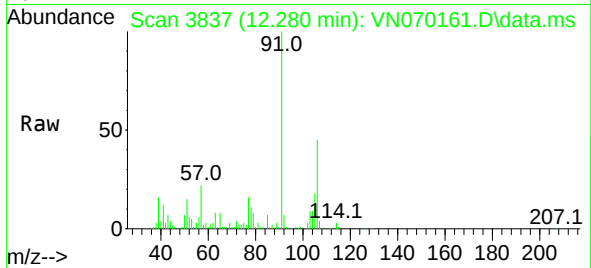




#68
o-Xylene
Concen: 2.849 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

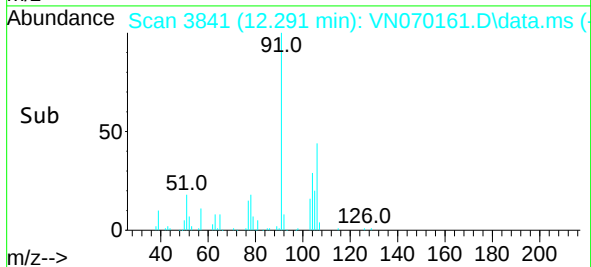
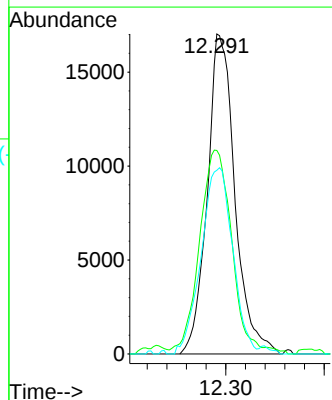
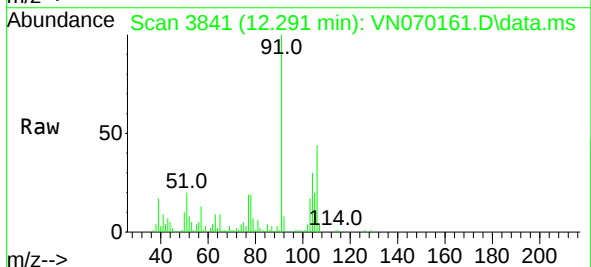
Instrument :
MSVOA_N
ClientSampleId :

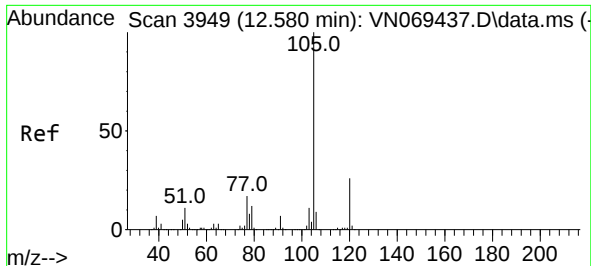
Tgt Ion:106 Resp: 64018
Ion Ratio Lower Upper
106 100
91 223.0 107.7 323.1



#69
Styrene
Concen: 0.908 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion:104 Resp: 33270
Ion Ratio Lower Upper
104 100
78 71.3 40.7 61.1#
103 66.3 45.8 68.8

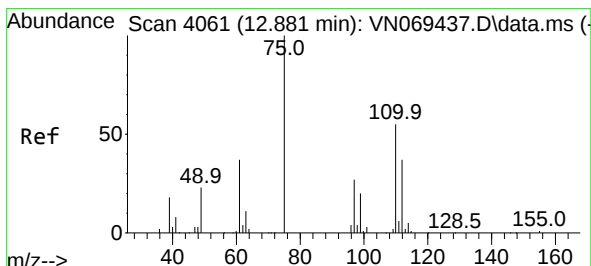
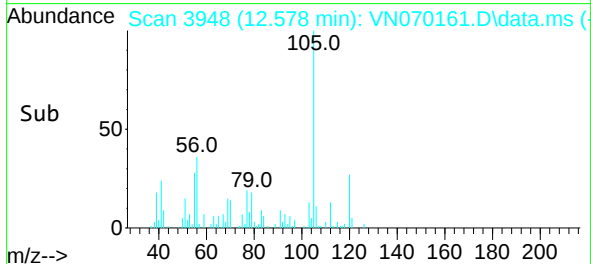
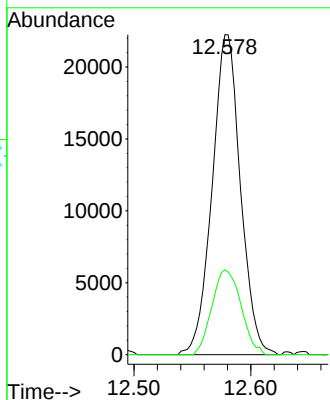
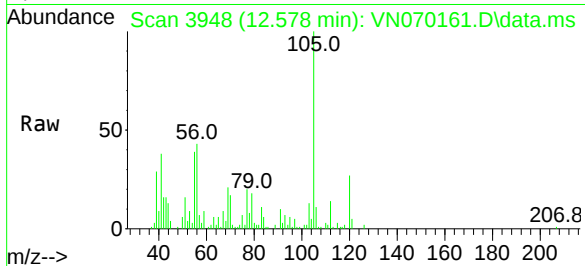




#70
Isopropylbenzene
Concen: 0.635 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

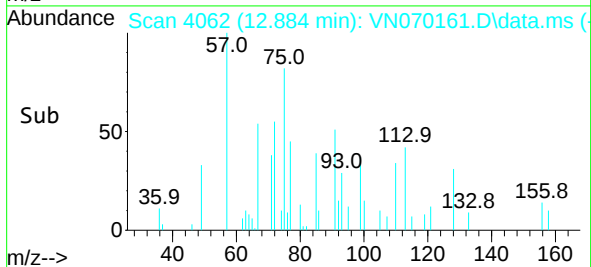
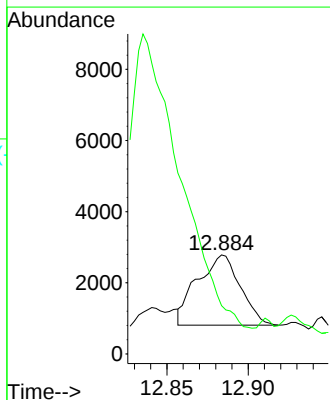
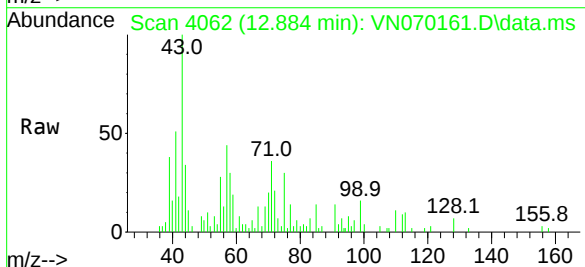
Instrument :
MSVOA_N
ClientSampleId :

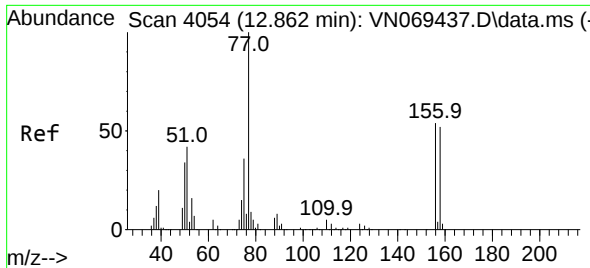
Tgt Ion:105 Resp: 37410
Ion Ratio Lower Upper
105 100
120 27.3 18.3 34.1



#72
1,2,3-Trichloropropane
Concen: 0.201 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 75 Resp: 3624
Ion Ratio Lower Upper
75 100
77 3.1 0.0 378.0

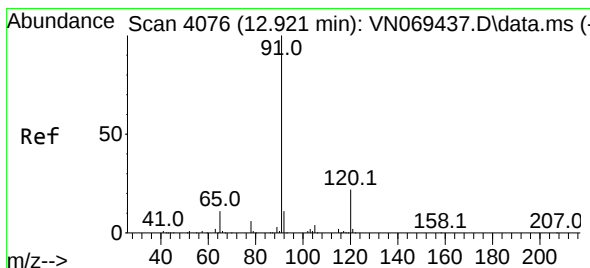
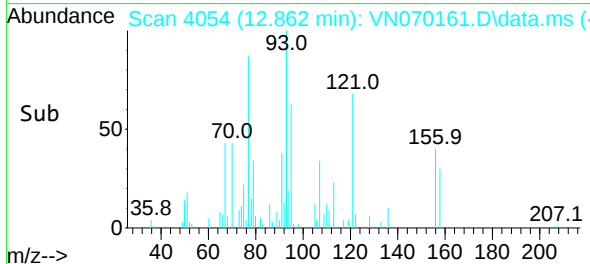
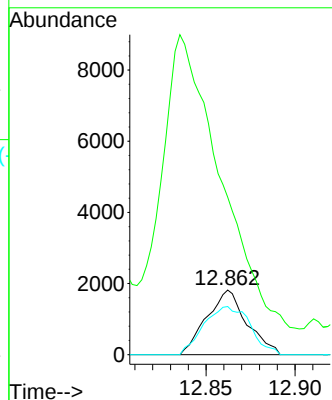
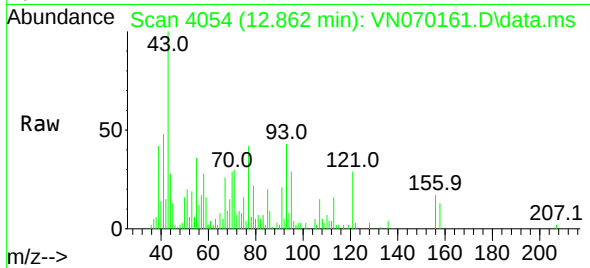




#73
Bromobenzene
Concen: 0.208 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

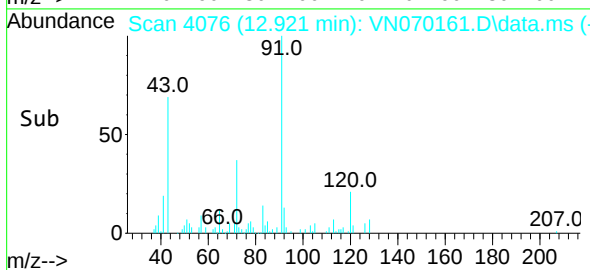
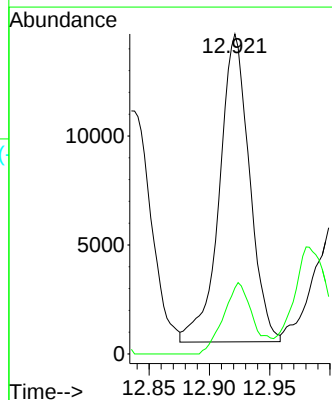
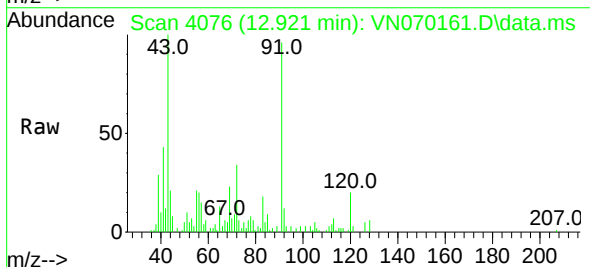
Instrument :
MSVOA_N
ClientSampleId :

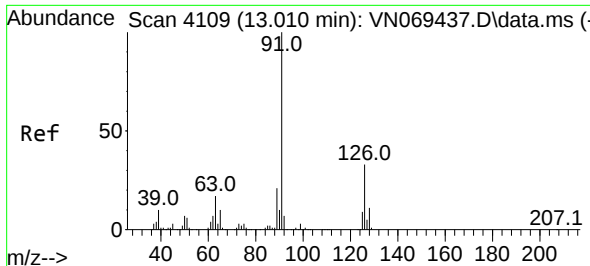
Tgt Ion:156 Resp: 2842
Ion Ratio Lower Upper
156 100
77 655.7 0.0 416.0#
158 61.5 0.0 195.4



#74
n-propylbenzene
Concen: 0.359 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 91 Resp: 24548
Ion Ratio Lower Upper
91 100
120 21.1 0.0 45.0

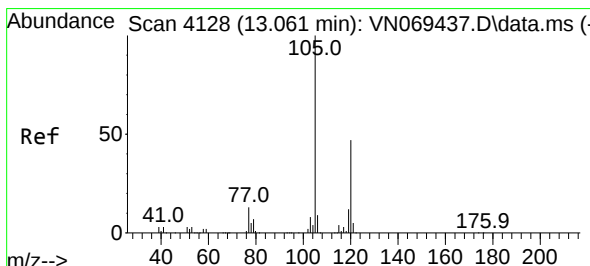
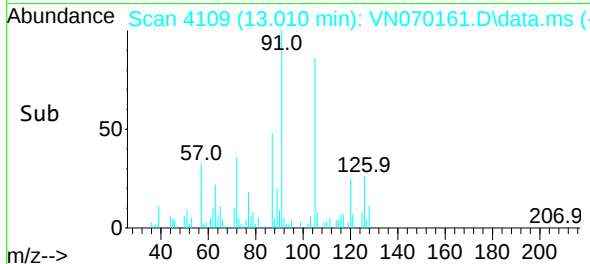
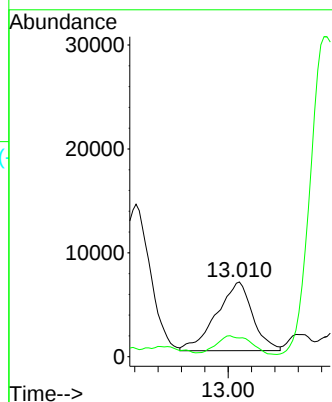
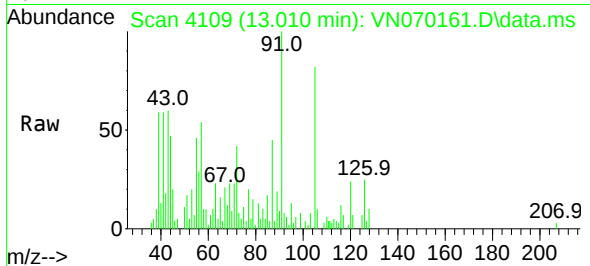




#75
2-Chlorotoluene
Concen: 0.341 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

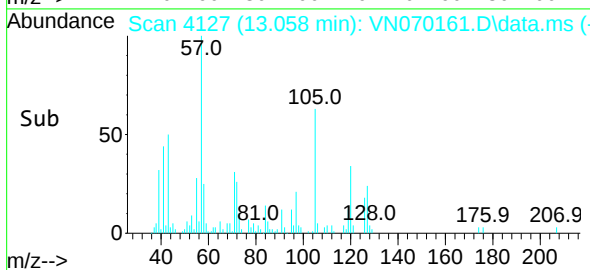
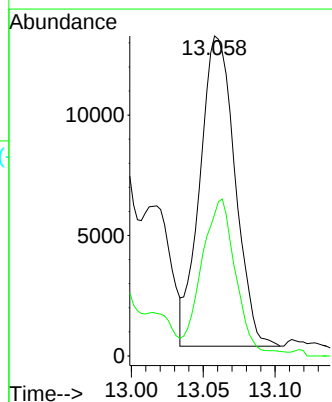
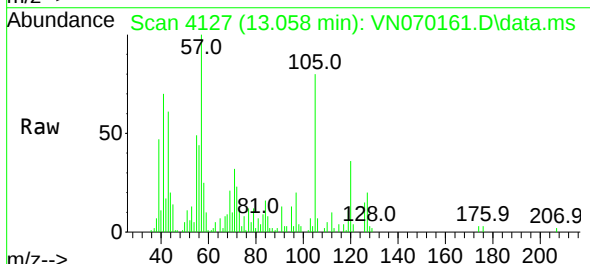
Instrument :
MSVOA_N
ClientSampleId :

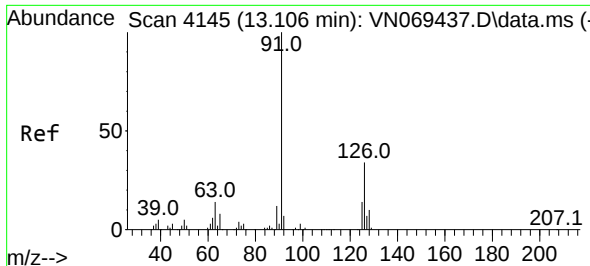
Tgt Ion: 91 Resp: 14243
Ion Ratio Lower Upper
91 100
126 14.4 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 0.451 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 105 Resp: 21859
Ion Ratio Lower Upper
105 100
120 45.2 0.0 93.8

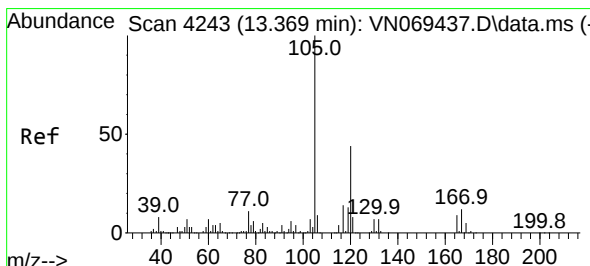
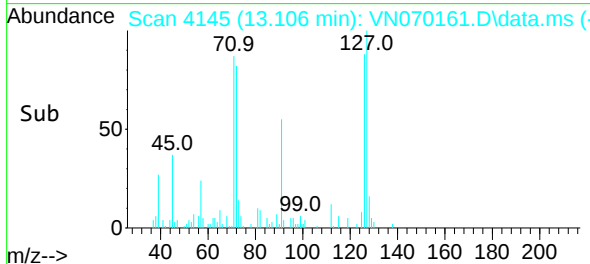
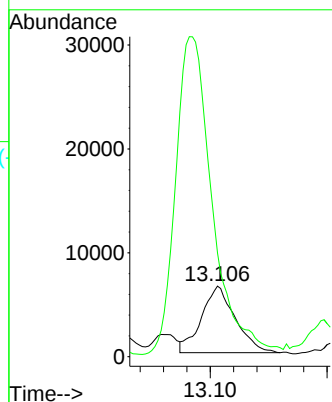
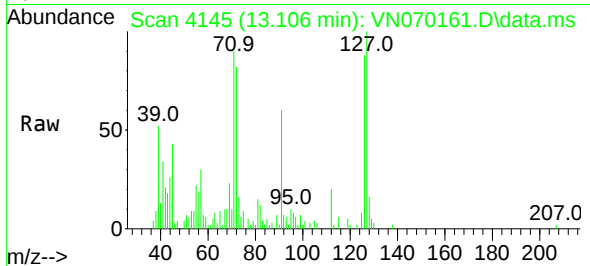




#78
4-Chlorotoluene
Concen: 0.320 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

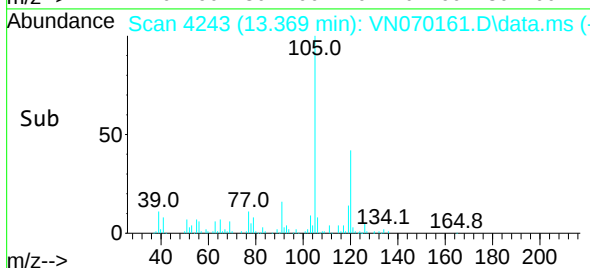
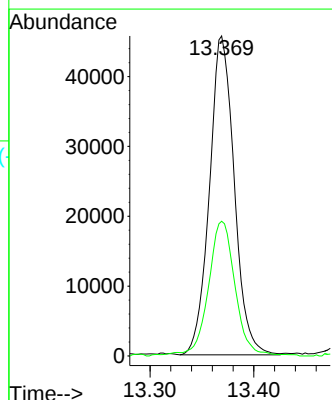
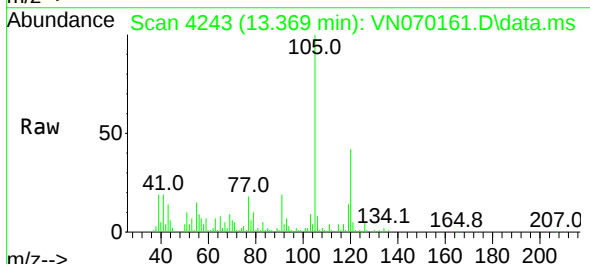
Instrument :
MSVOA_N
ClientSampleId :

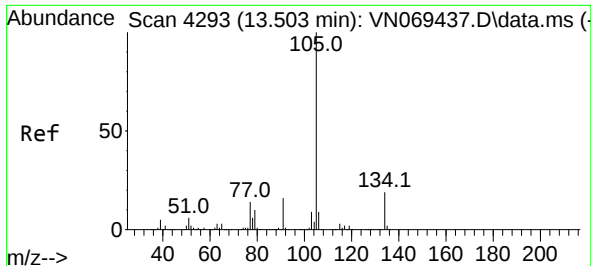
Tgt Ion: 91 Resp: 12822
Ion Ratio Lower Upper
91 100
126 0.8 0.0 70.6



#80
1,2,4-Trimethylbenzene
Concen: 1.619 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion:105 Resp: 75831
Ion Ratio Lower Upper
105 100
120 43.9 0.0 0.2#

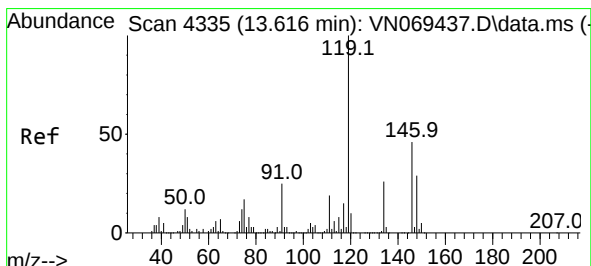
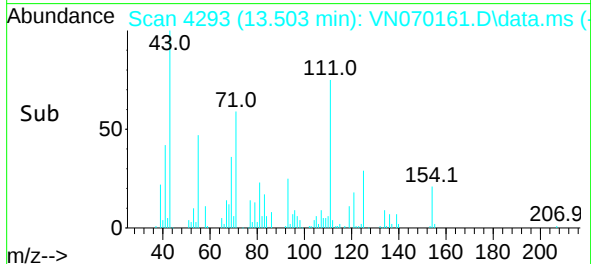
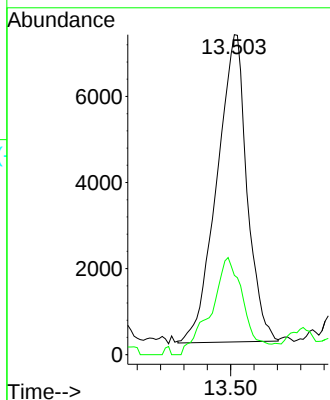
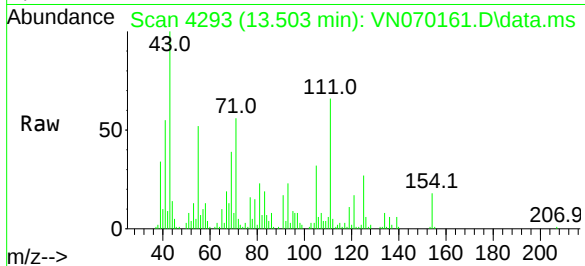




#81
 sec-Butylbenzene
 Concen: 0.218 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.003 min
 Lab File: VN070161.D
 Acq: 17 Dec 2021 13:50

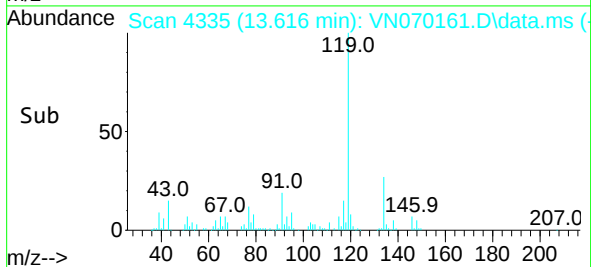
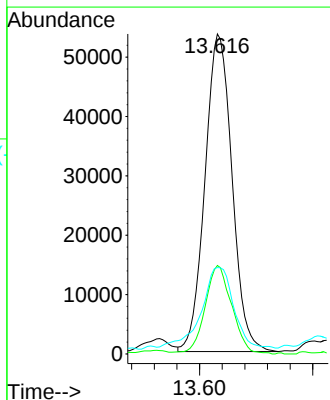
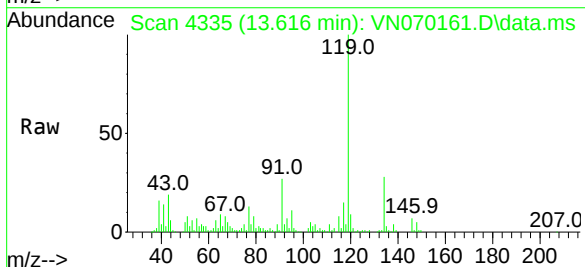
Instrument :
 MSVOA_N
 ClientSampleId :

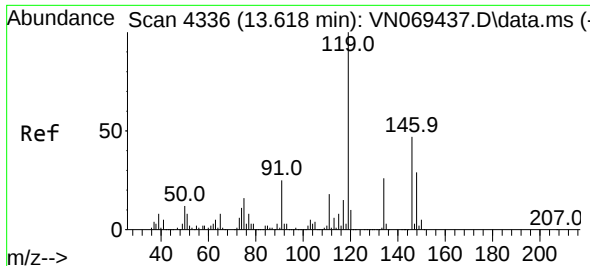
Tgt Ion:105 Resp: 12801
 Ion Ratio Lower Upper
 105 100
 134 34.5 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 1.900 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN070161.D
 Acq: 17 Dec 2021 13:50

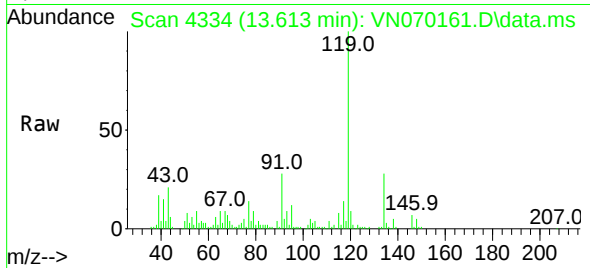
Tgt Ion:119 Resp: 88802
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 51.8
 91 29.9 0.0 50.4



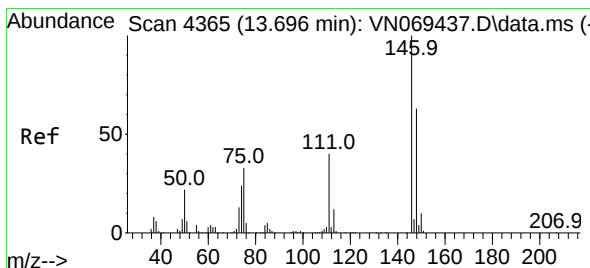
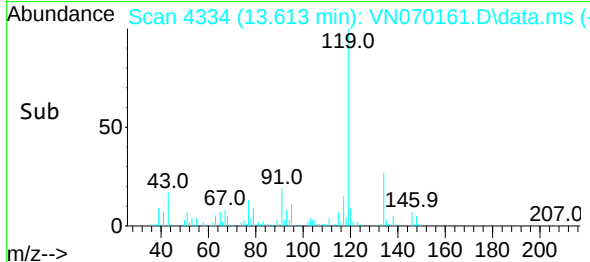
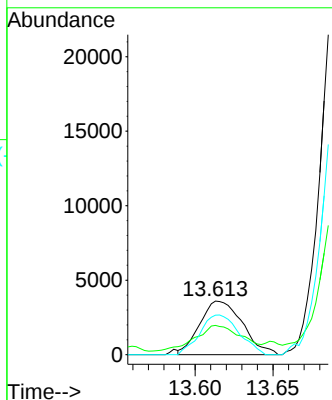


#83
1,3-Dichlorobenzene
Concen: 0.297 ug/l
RT: 13.613 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :

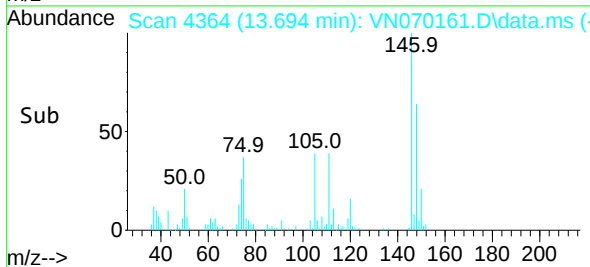
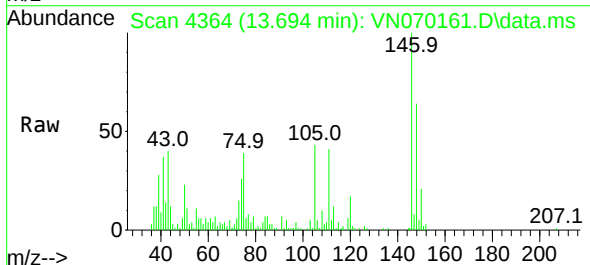
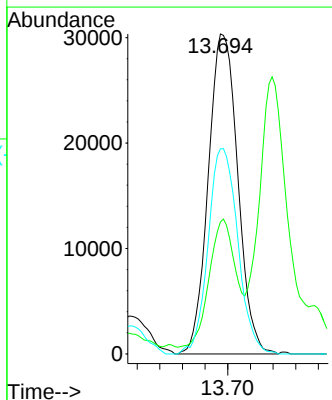


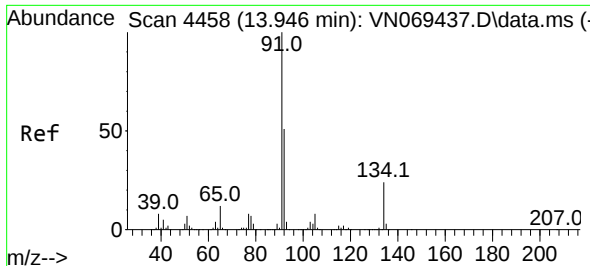
Tgt Ion:146 Resp: 6863
Ion Ratio Lower Upper
146 100
111 49.5 20.8 62.2
148 67.7 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 2.466 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion:146 Resp: 54888
Ion Ratio Lower Upper
146 100
111 36.6 19.5 58.5
148 63.9 31.1 93.5

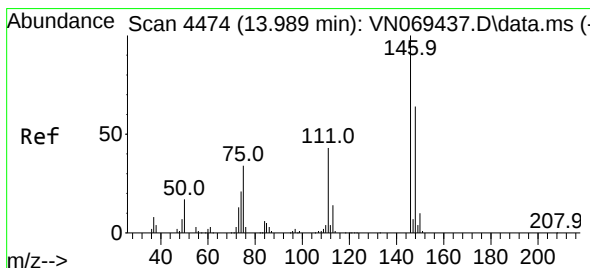
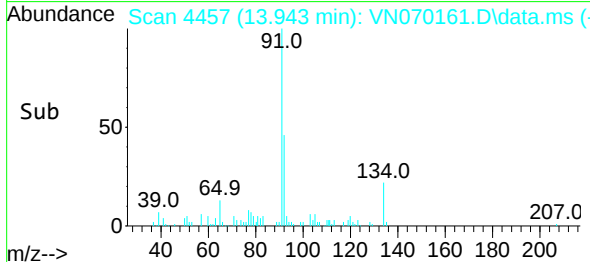
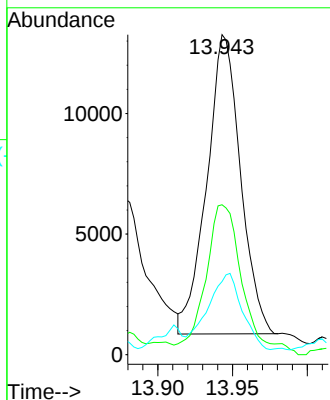
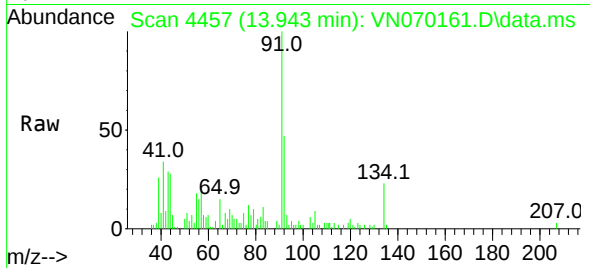




#85
n-Butylbenzene
Concen: 0.498 ug/l
RT: 13.943 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

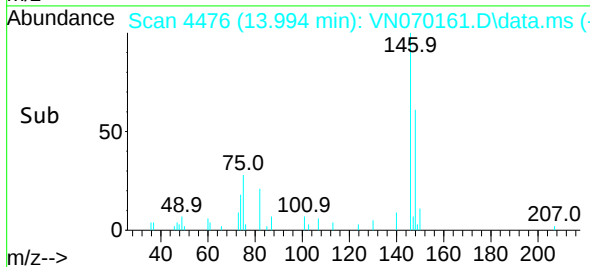
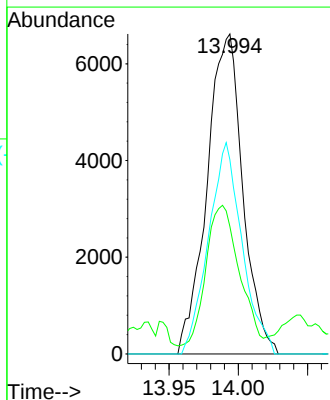
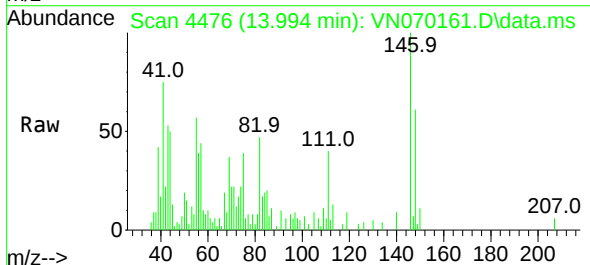
Instrument :
MSVOA_N
ClientSampleId :

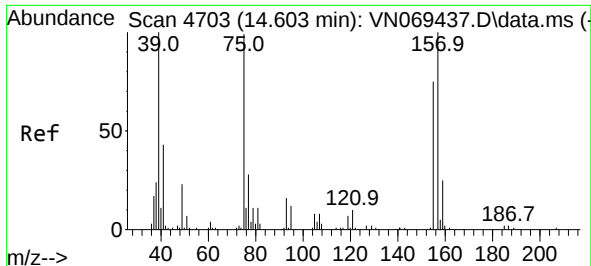
Tgt Ion: 91 Resp: 19440
Ion Ratio Lower Upper
91 100
92 45.6 0.0 100.6
134 25.9 0.0 50.2



#87
1,2-Dichlorobenzene
Concen: 0.536 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.005 min
Lab File: VN070161.D
Acq: 17 Dec 2021 13:50

Tgt Ion: 146 Resp: 11921
Ion Ratio Lower Upper
146 100
111 40.4 21.4 64.2
148 61.9 32.5 97.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 0.265 ug/l

RT: 14.597 min Scan# 41

Delta R.T. -0.005 min

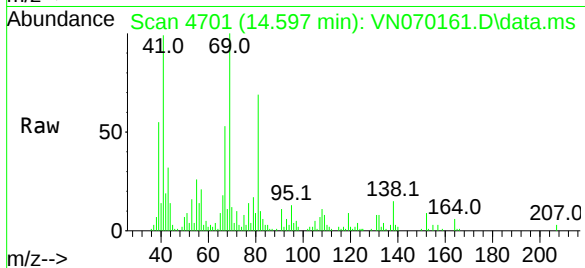
Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :



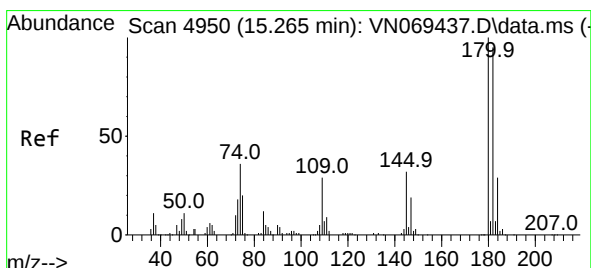
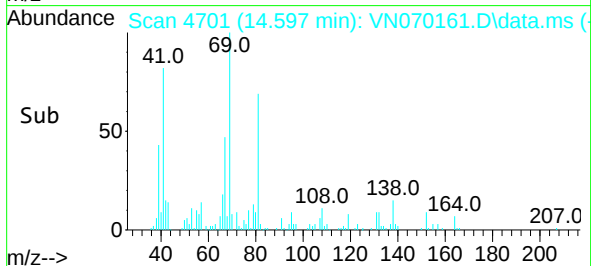
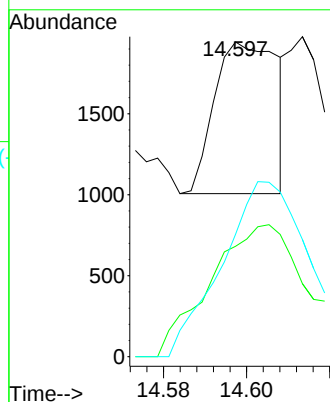
Tgt Ion: 75 Resp: 979

Ion Ratio Lower Upper

75 100

155 136.1 63.8 95.8#

157 160.5 77.9 116.9#



#89

1,2,4-Trichlorobenzene

Concen: 1.773 ug/l

RT: 15.262 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

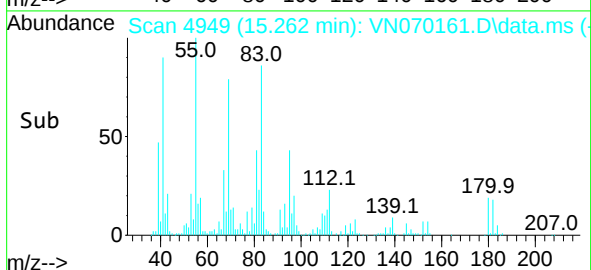
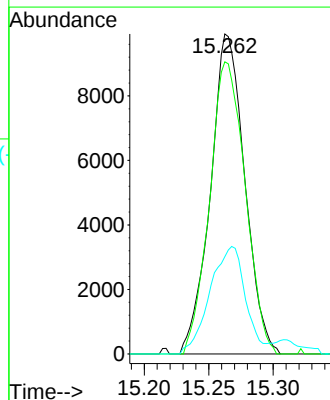
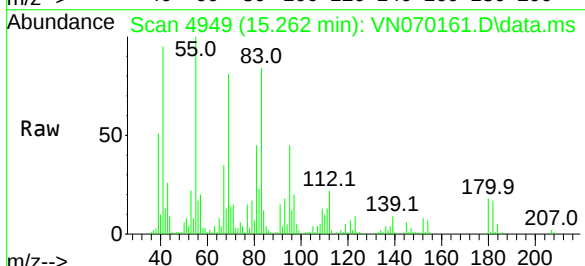
Tgt Ion: 180 Resp: 18341

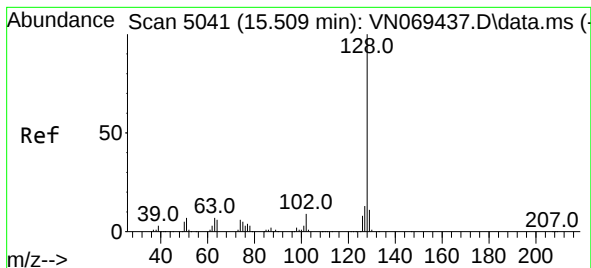
Ion Ratio Lower Upper

180 100

182 94.7 77.7 116.5

145 34.7 26.6 39.8





#91

Naphthalene

Concen: 35.224 ug/l

RT: 15.507 min Scan# 5041

Delta R.T. 0.003 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

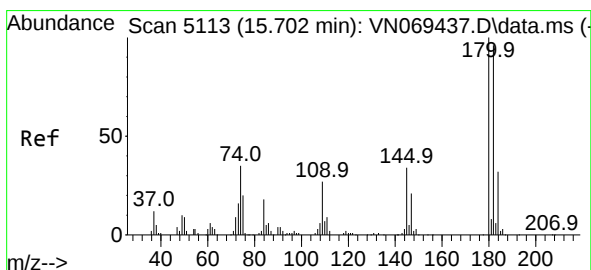
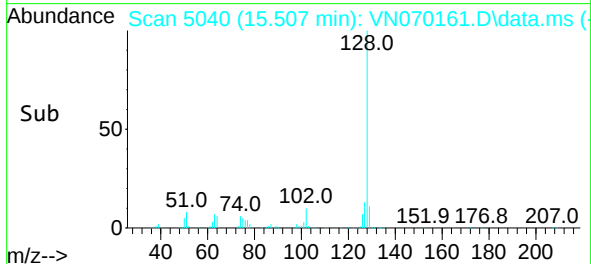
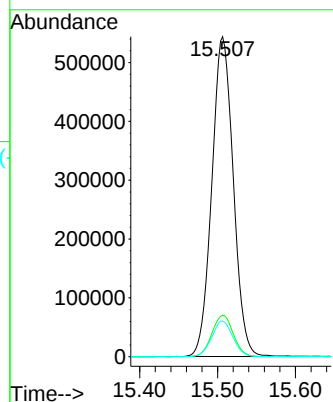
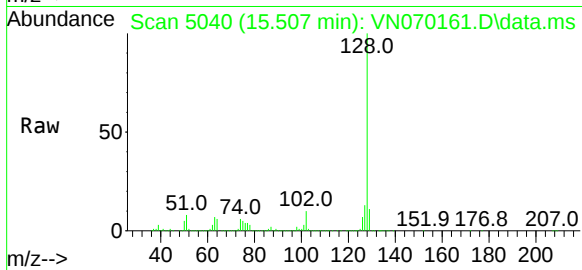
Tgt Ion:128 Resp: 1039503

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.1 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 2.131 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.005 min

Lab File: VN070161.D

Acq: 17 Dec 2021 13:50

Tgt Ion:180 Resp: 20823

Ion Ratio Lower Upper

180 100

182 100.0 0.0 190.0

145 31.1 0.0 67.8

