

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070035.D
 Acq On : 13 Dec 2021 16:29
 Operator : JC/MD
 Sample : M4914-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 05:27:34 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	166626	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	903414	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.744	117	794042	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	443025	30.002	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.000%	
60) 4-Bromofluorobenzene	12.731	95	365993	28.012	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.367%	
63) Toluene-d8	10.443	98	1096176	29.873	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.567%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	3667	0.265	ug/l	99
8) Diethyl Ether	3.832	74	1967	0.291	ug/l	# 1
15) Acetone	4.290	58	356574	145.349	ug/l	77
16) Carbon Disulfide	4.524	76	6836	0.239	ug/l	# 94
22) cis-1,2-Dichloroethene	7.326	96	3237	0.271	ug/l	# 10
23) tert-Butyl Alcohol	5.323	59	225921	105.710	ug/l	# 100
25) Chloroform	7.820	83	715236	33.353	ug/l	99
30) 2-Butanone	7.337	43	2375232	221.938	ug/l	# 89
31) 2,2-Dichloropropane	7.321	77	51262	3.151	ug/l	# 53
33) Carbon Tetrachloride	7.823	117	3458	0.216	ug/l	88
34) Benzene	8.461	78	415228	9.029	ug/l	# 88
41) Bromodichloromethane	9.762	83	55015	3.217	ug/l	99
43) Ethyl Acetate	7.337	43	2375232	127.775	ug/l	95
45) 1,4-Dioxane	9.571	88	6068	28.657	ug/l	# 74
47) n-amyl Acetate	12.355	43	66446	3.184	ug/l	98
58) 4-Methyl-2-Pentanone	10.333	43	125868	6.906	ug/l	# 92
59) 2-Hexanone	11.057	43	492372	36.544	ug/l	# 41
62) Toluene	10.505	91	1384193	29.641	ug/l	98
64) Chlorobenzene	11.771	112	62322	2.249	ug/l	98
66) Ethyl Benzene	11.846	91	587025	11.307	ug/l	100
67) m/p-Xylenes	11.950	106	242142	12.766	ug/l	93
68) o-Xylene	12.280	106	124931	6.657	ug/l	92
69) Styrene	12.294	104	23541	0.770	ug/l	# 11
70) Isopropylbenzene	12.578	105	81980	1.665	ug/l	100
73) Bromobenzene	12.862	156	3072	0.269	ug/l	35
74) n-propylbenzene	12.921	91	61501	1.078	ug/l	99
75) 2-Chlorotoluene	12.985	91	20093	0.575	ug/l	98
76) 1,3,5-Trimethylbenzene	13.058	105	156792	3.876	ug/l	98
78) 4-Chlorotoluene	13.061	91	14476	0.432	ug/l	40
79) tert-butylbenzene	13.061	119	25995	0.740	ug/l	77
80) 1,2,4-Trimethylbenzene	13.369	105	351889	8.995	ug/l	# 82
81) sec-Butylbenzene	13.503	105	30417	0.621	ug/l	62
82) p-Isopropyltoluene	13.616	119	2664185	68.257	ug/l	97
83) 1,3-Dichlorobenzene	13.696	146	315054	16.302	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	315054	16.947	ug/l	97
85) n-Butylbenzene	13.742	91	32607	1.000	ug/l	85
86) Hexachloroethane	14.216	117	8943	1.148	ug/l	# 18
87) 1,2-Dichlorobenzene	13.696	146	315054	16.969	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.600	75	1349	0.437	ug/l	# 66

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

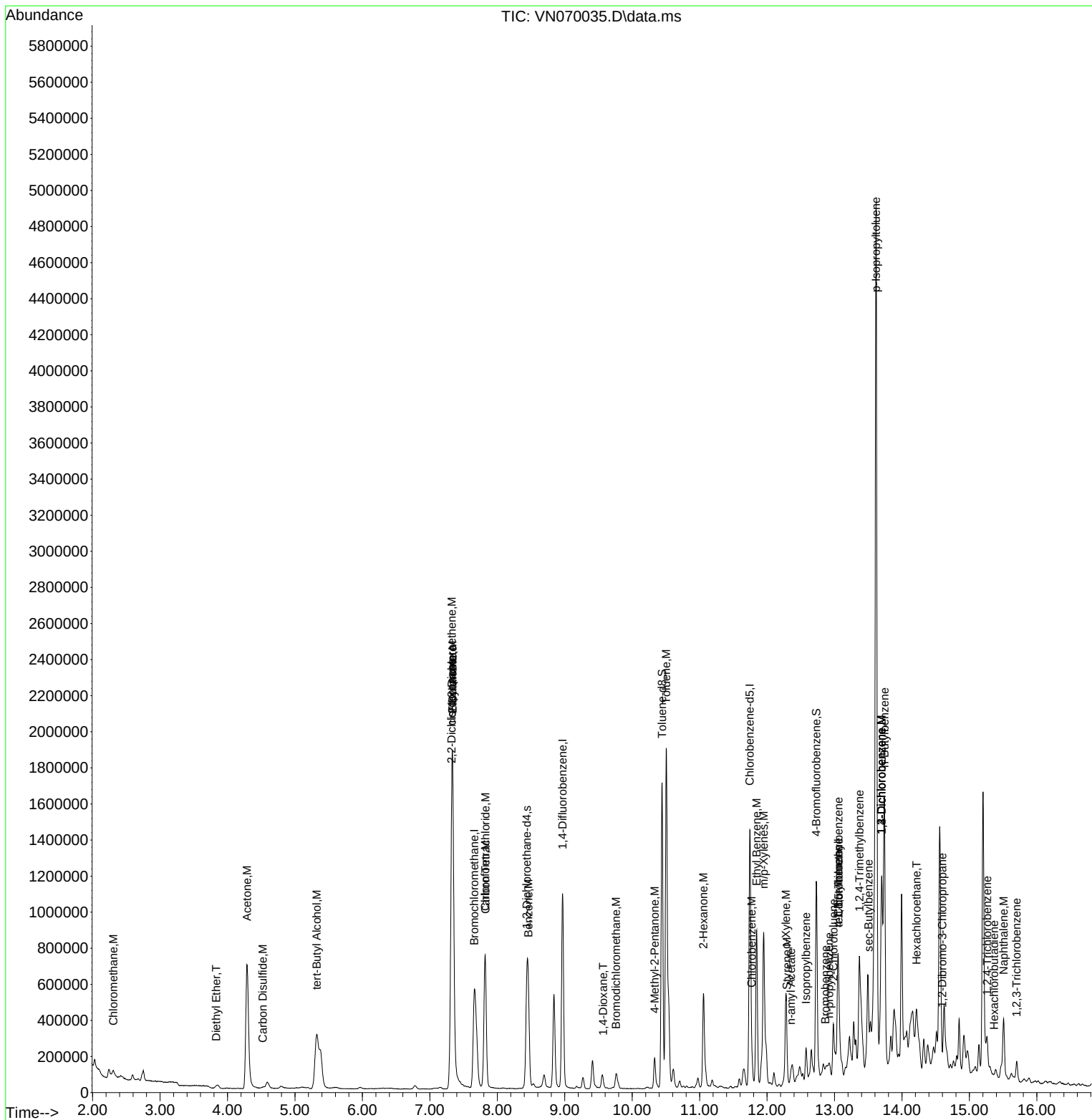
Instrument :
MSVOA_N
ClientSampleId :

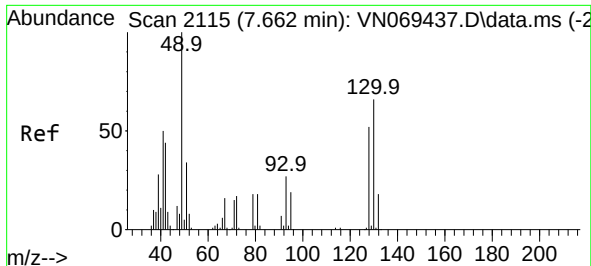
Quant Time: Dec 14 05:27:34 2021
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QLast Update : Tue Dec 14 00:59:04 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) 1,2,4-Trichlorobenzene	15.265	180	18898	2.188	ug/l #	96
90) Hexachlorobutadiene	15.364	225	2020	0.393	ug/l	92
91) Naphthalene	15.507	128	304119	17.553	ug/l	100
92) 1,2,3-Trichlorobenzene	15.700	180	20037	2.455	ug/l	89

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

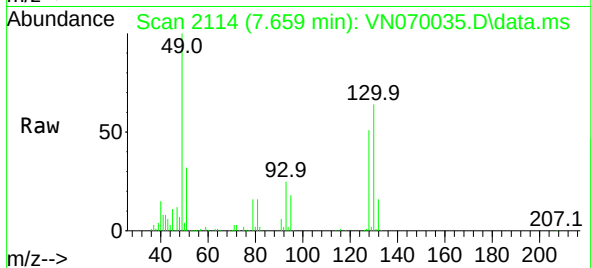
Quant Time: Dec 14 05:27:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
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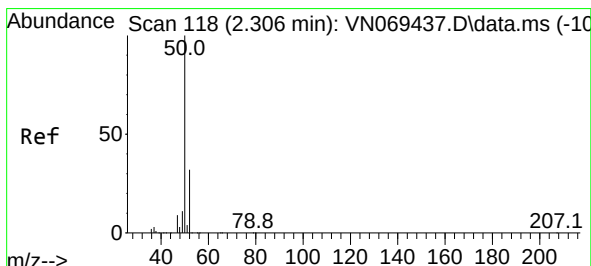
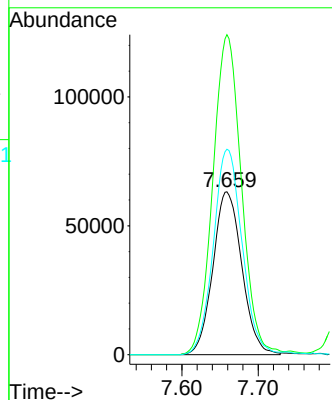
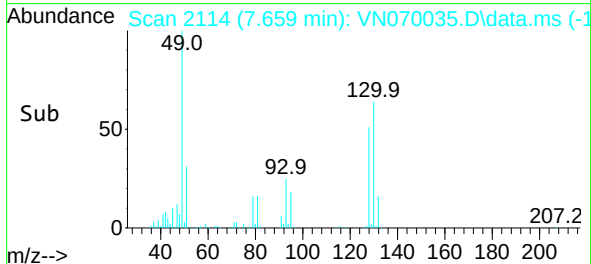


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.002 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Instrument :
MSVOA_N
ClientSampleId :

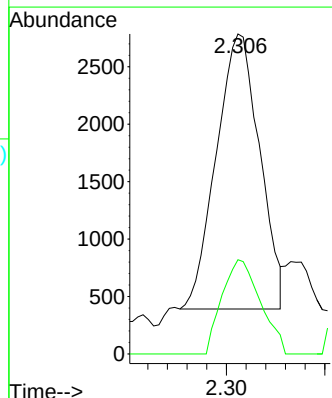
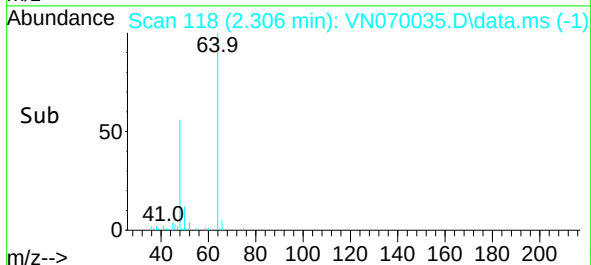
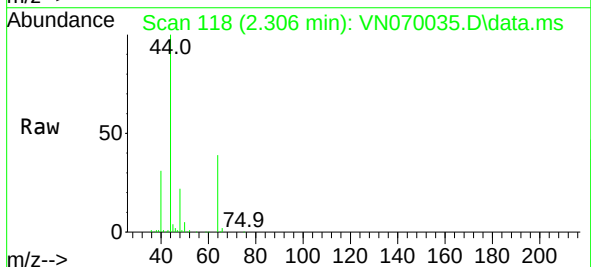


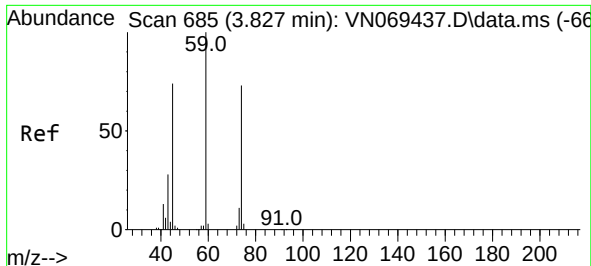
Tgt Ion:128 Resp: 166626
Ion Ratio Lower Upper
128 100
49 193.5 0.0 392.3
130 125.3 0.0 320.2



#3
Chloromethane
Concen: 0.265 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

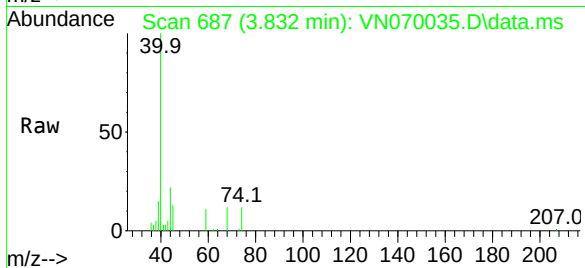
Tgt Ion: 50 Resp: 3667
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.6



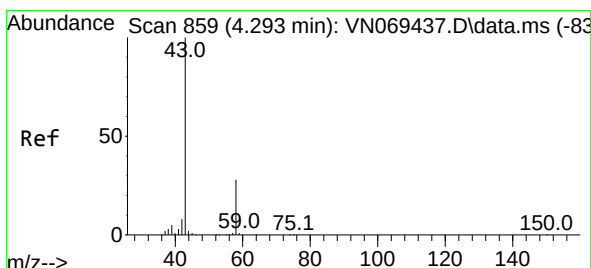
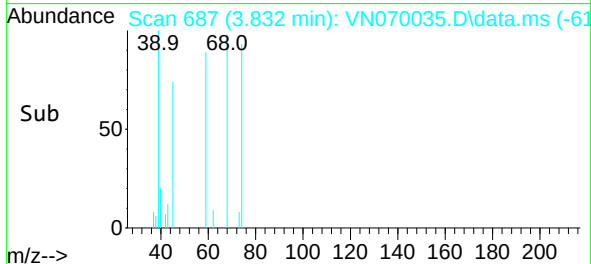
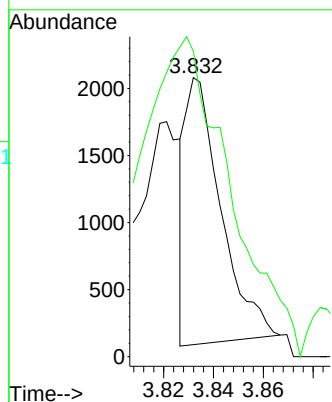


#8
Diethyl Ether
Concen: 0.291 ug/l
RT: 3.832 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Instrument :
MSVOA_N
ClientSampleId :

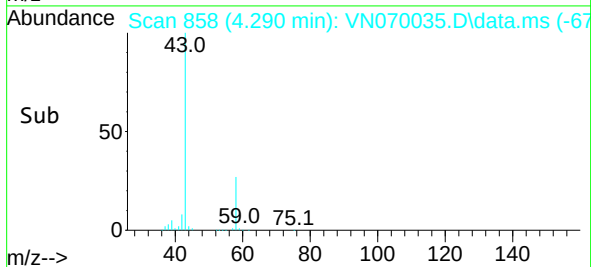
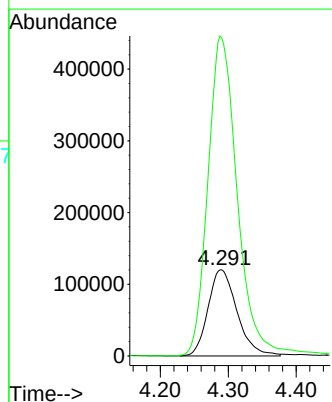
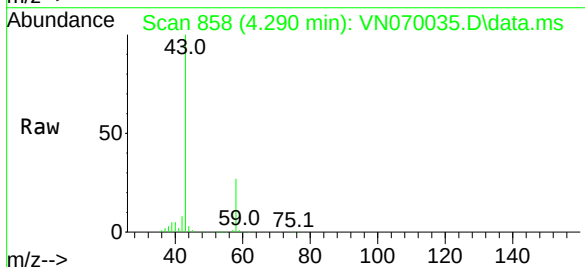


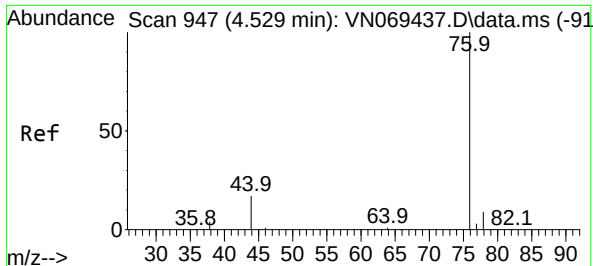
Tgt Ion: 74 Resp: 1967
Ion Ratio Lower Upper
74 100
45 251.8 17.6 158.8#



#15
Acetone
Concen: 145.349 ug/l
RT: 4.290 min Scan# 858
Delta R.T. 0.005 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

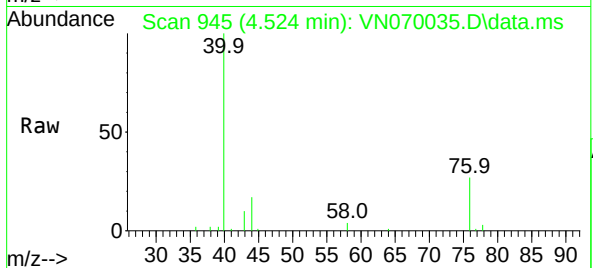
Tgt Ion: 58 Resp: 356574
Ion Ratio Lower Upper
58 100
43 368.7 256.6 384.8



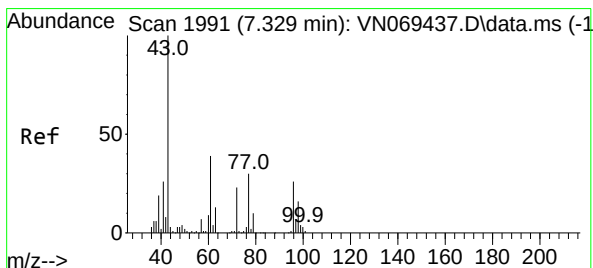
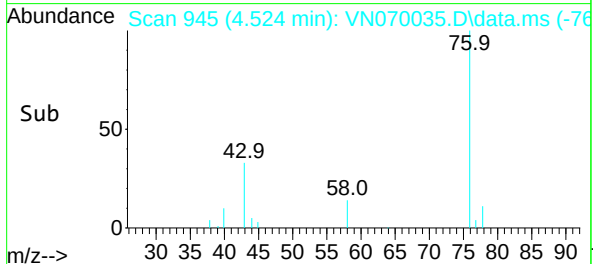
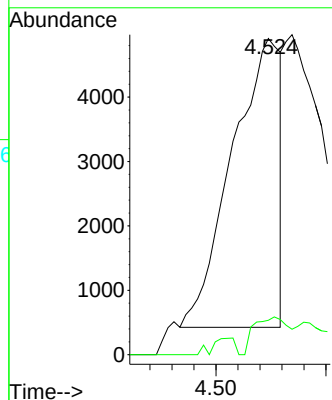


#16
Carbon Disulfide
Concen: 0.239 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Instrument :
MSVOA_N
ClientSampleId :

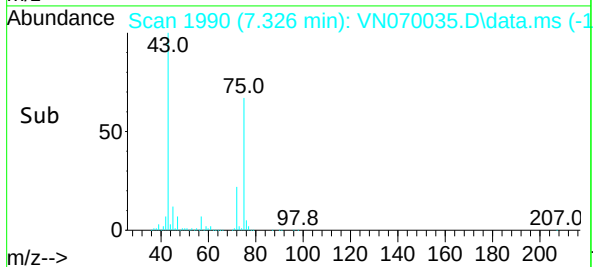
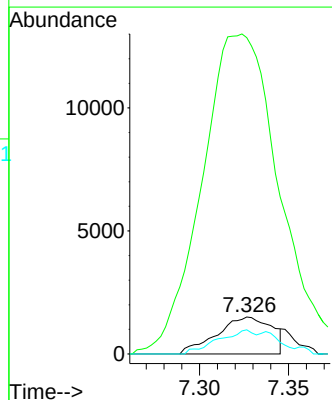
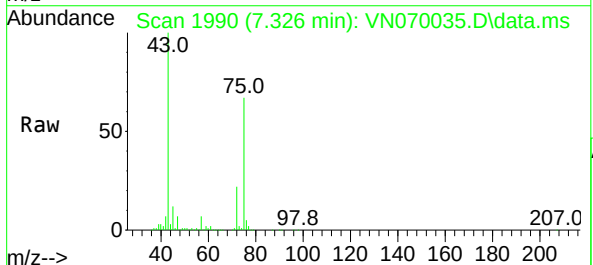


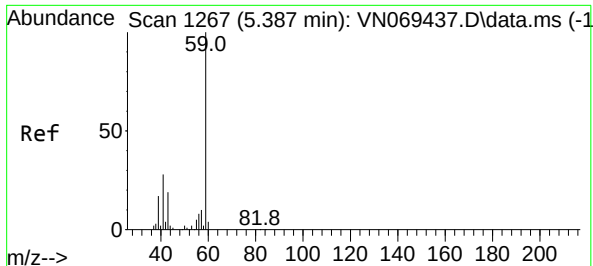
Tgt Ion: 76 Resp: 6836
Ion Ratio Lower Upper
76 100
78 11.9 7.8 11.8#



#22
cis-1,2-Dichloroethene
Concen: 0.271 ug/l
RT: 7.326 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 96 Resp: 3237
Ion Ratio Lower Upper
96 100
61 0.0 115.7 173.5#
98 40.9 51.6 77.4#





#23

tert-Butyl Alcohol

Concen: 105.710 ug/l

RT: 5.323 min Scan# 11

Delta R.T. -0.051 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

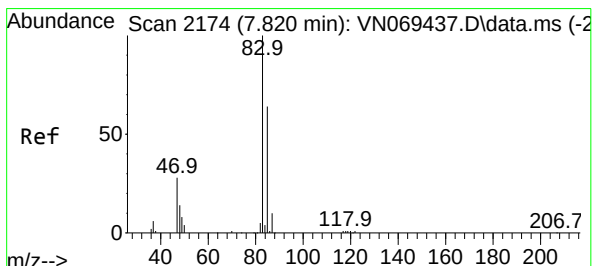
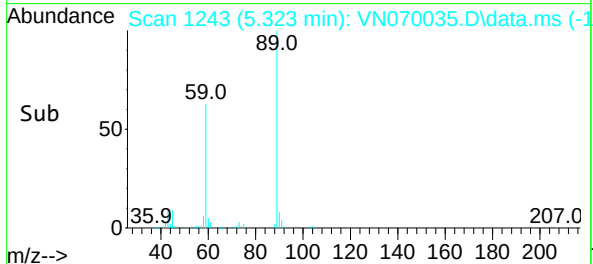
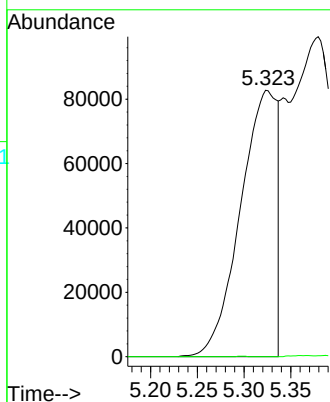
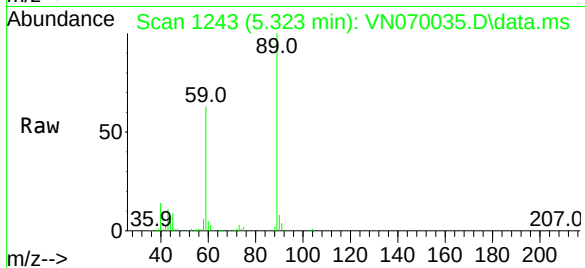
ClientSampleId :

Tgt Ion: 59 Resp: 225921

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0#



#25

Chloroform

Concen: 33.353 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN070035.D

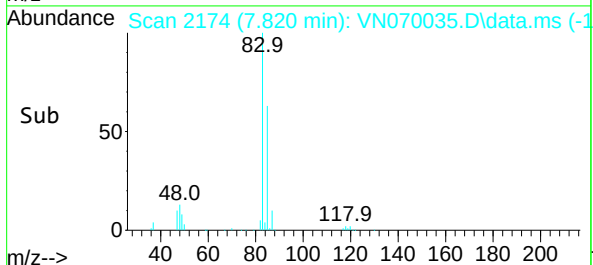
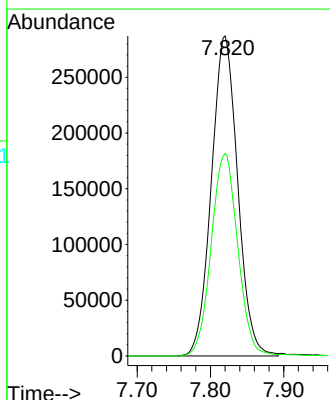
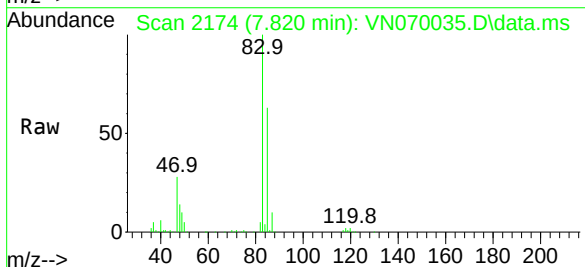
Acq: 13 Dec 2021 16:29

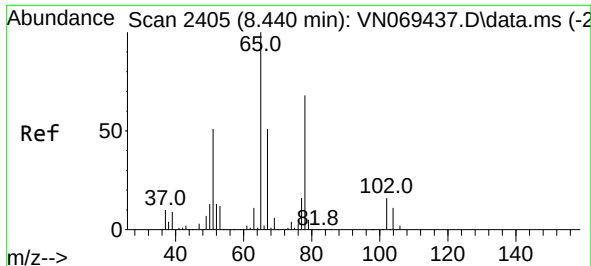
Tgt Ion: 83 Resp: 715236

Ion Ratio Lower Upper

83 100

85 63.3 51.3 76.9





#27

1,2-Dichloroethane-d4

Concen: 30.002 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

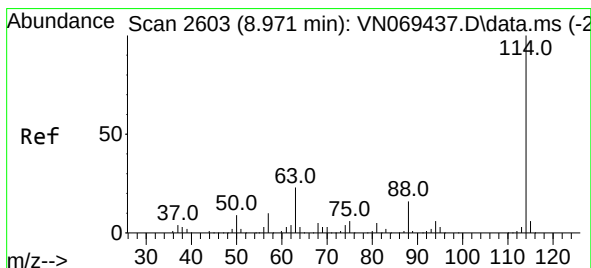
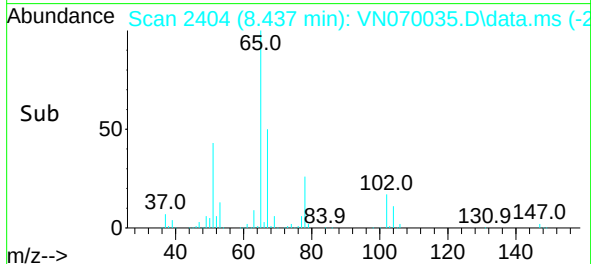
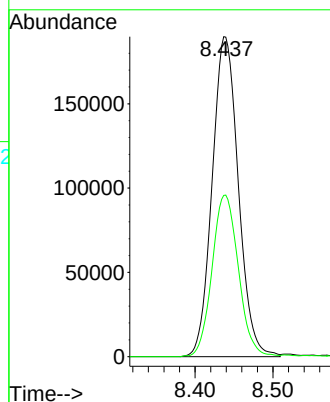
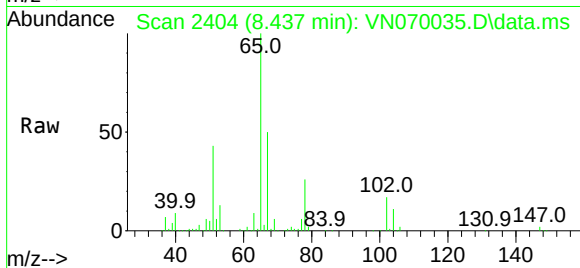
ClientSampleId :

Tgt Ion: 65 Resp: 443025

Ion Ratio Lower Upper

65 100

67 50.3 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

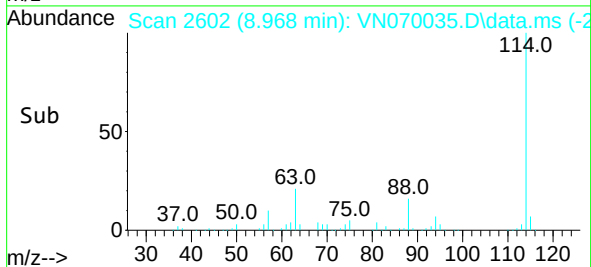
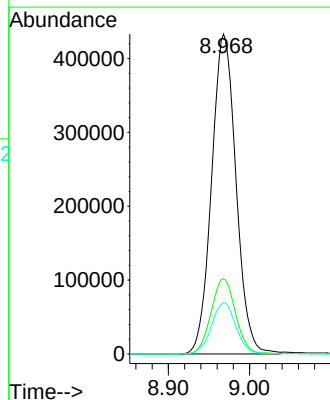
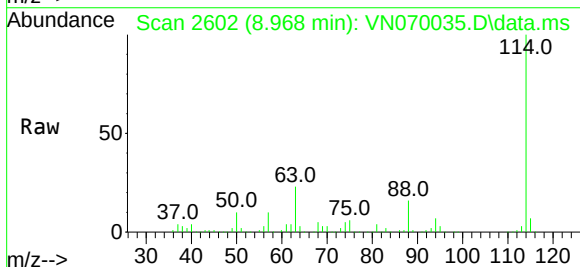
Tgt Ion: 114 Resp: 903414

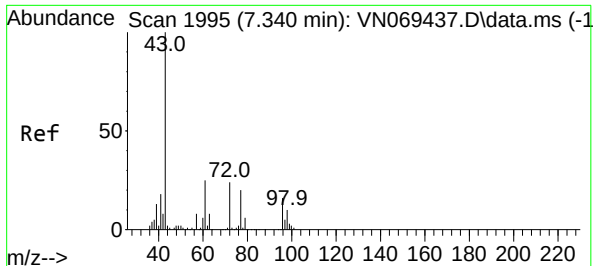
Ion Ratio Lower Upper

114 100

63 23.7 15.8 23.6

88 16.1 11.6 17.4





#30

2-Butanone

Concen: 221.938 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.003 min

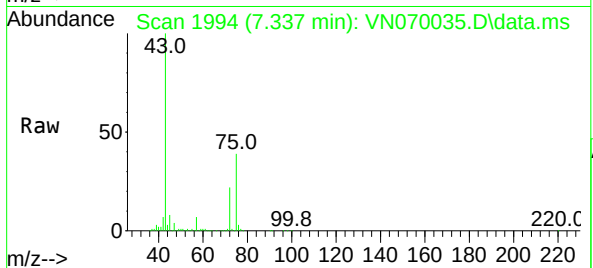
Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

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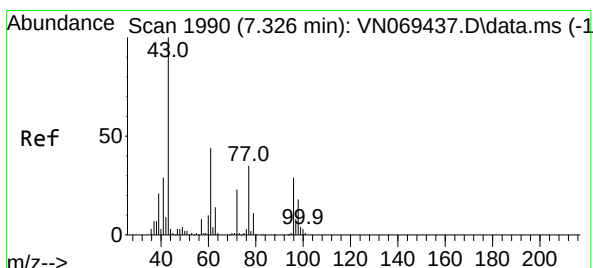
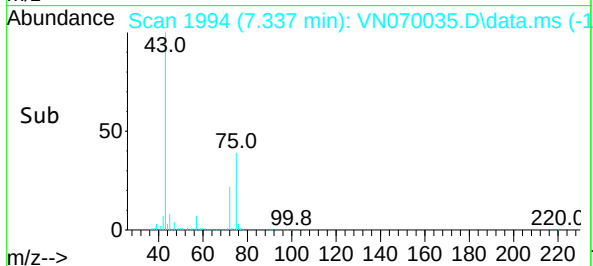
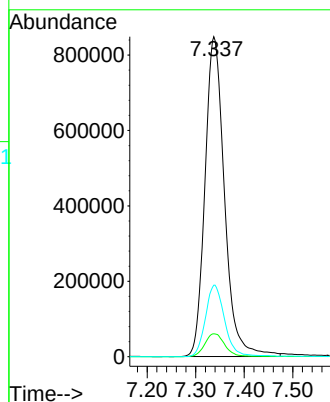
Tgt Ion: 43 Resp: 2375232

Ion Ratio Lower Upper

43 100

57 7.4 6.7 10.1

72 22.0 23.2 34.8#



#31

2,2-Dichloropropane

Concen: 3.151 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN070035.D

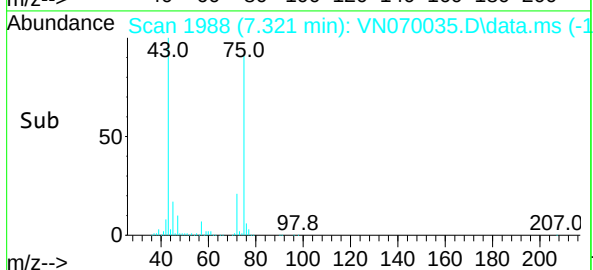
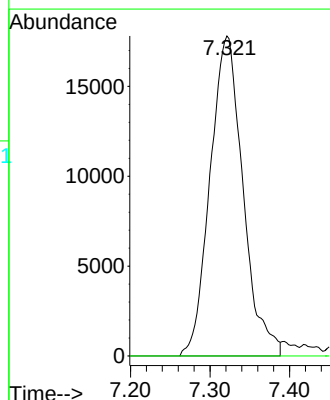
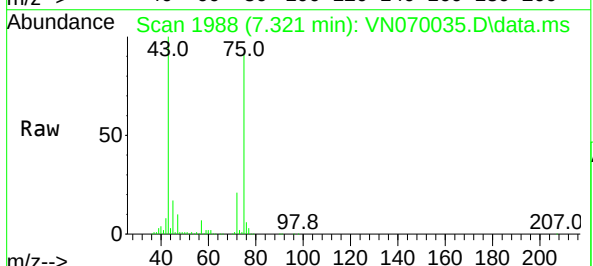
Acq: 13 Dec 2021 16:29

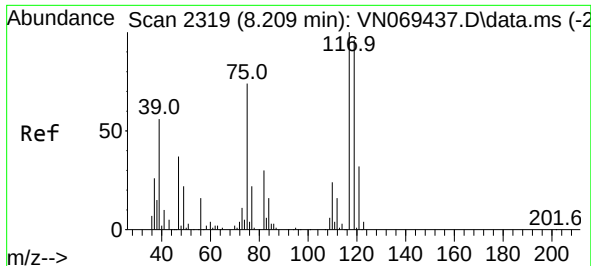
Tgt Ion: 77 Resp: 51262

Ion Ratio Lower Upper

77 100

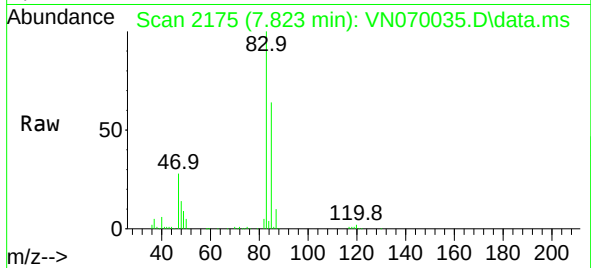
97 0.0 18.3 27.5#



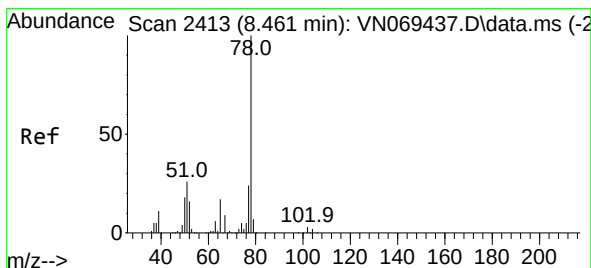
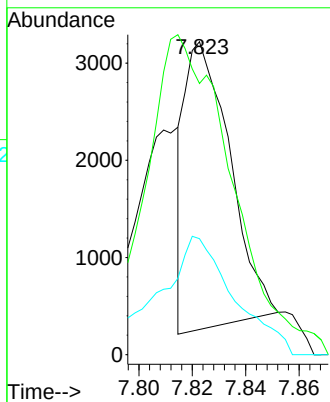
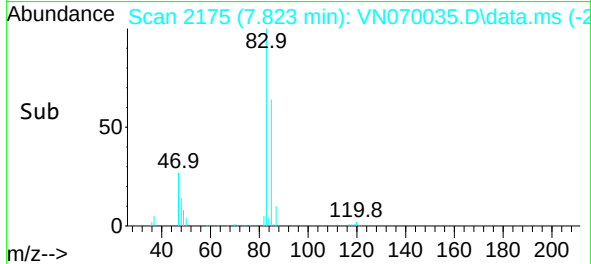


#33
Carbon Tetrachloride
Concen: 0.216 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. -0.384 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Instrument :
MSVOA_N
ClientSampleId :

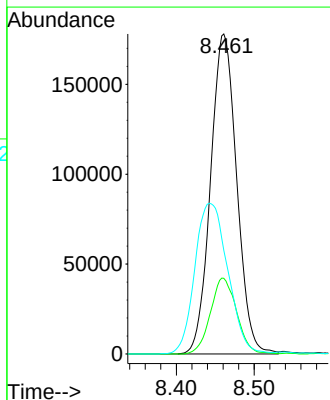
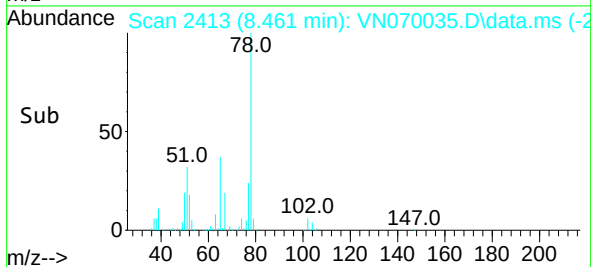
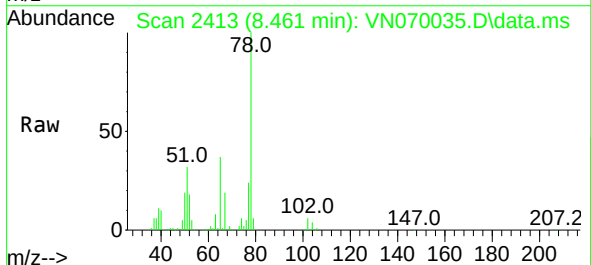


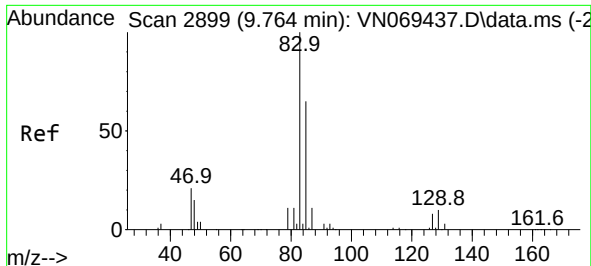
Tgt Ion:117 Resp: 3458
Ion Ratio Lower Upper
117 100
119 84.6 77.5 116.3
121 34.7 23.5 35.3



#34
Benzene
Concen: 9.029 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 78 Resp: 415228
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 31.8 16.0 24.0#

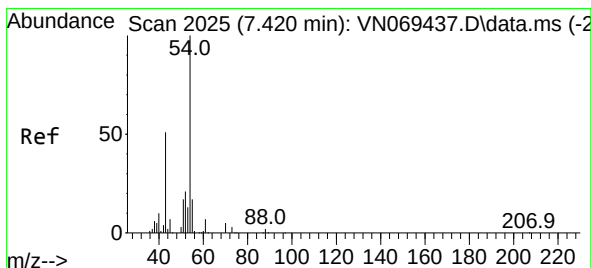
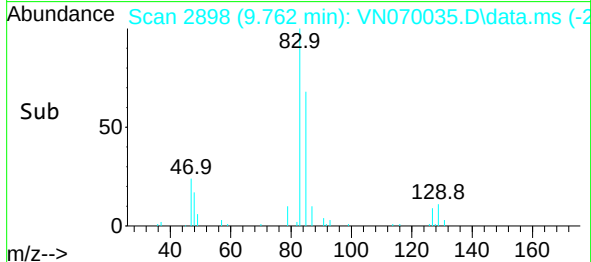
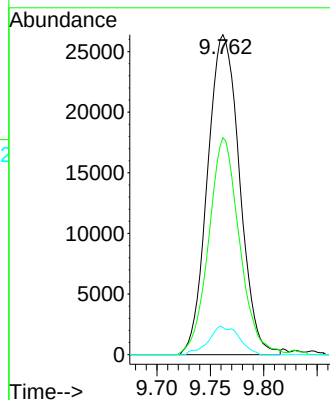
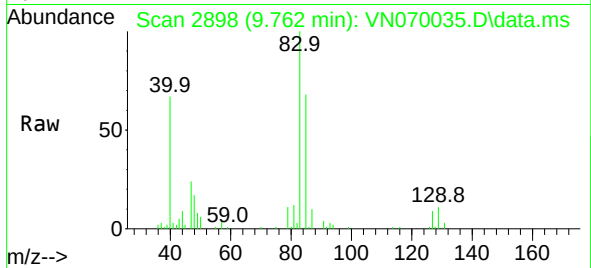




#41
Bromodichloromethane
Concen: 3.217 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

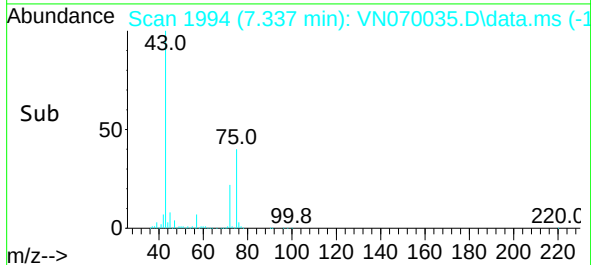
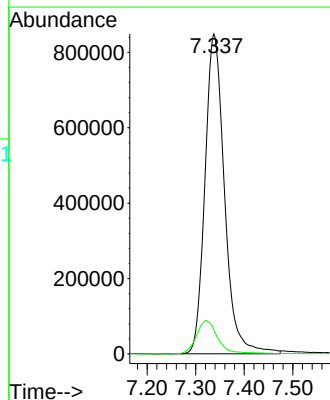
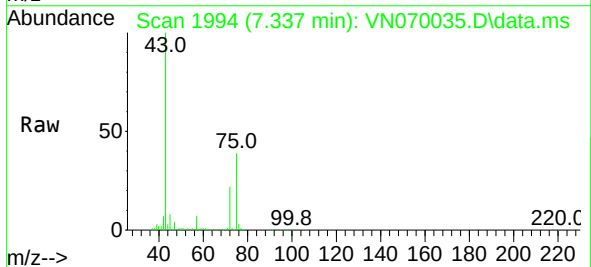
Instrument :
MSVOA_N
ClientSampleId :

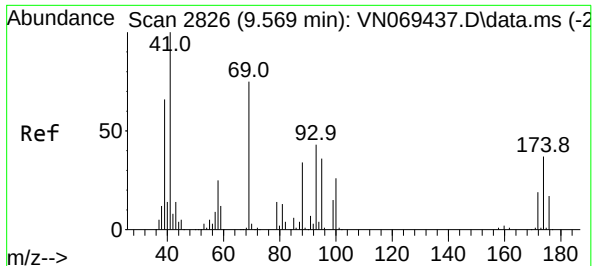
Tgt Ion: 83 Resp: 55015
Ion Ratio Lower Upper
83 100
85 67.2 54.1 81.1
127 8.5 7.6 11.4



#43
Ethyl Acetate
Concen: 127.775 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. -0.075 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 43 Resp: 2375232
Ion Ratio Lower Upper
43 100
45 11.2 10.6 16.0

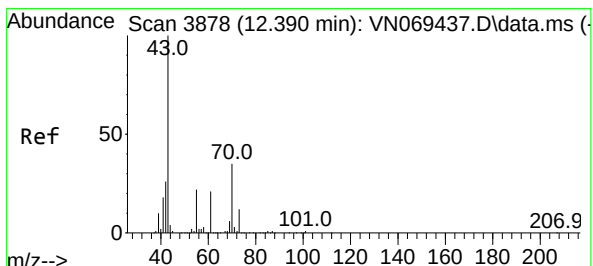
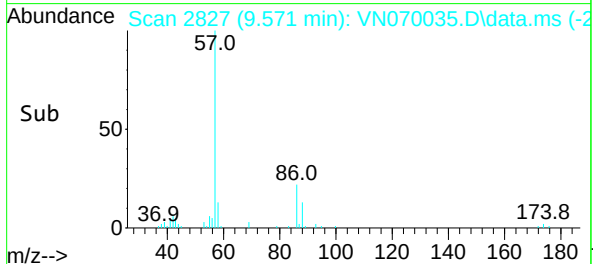
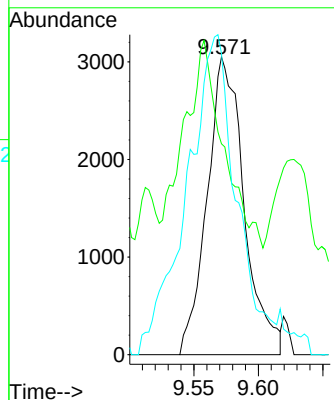
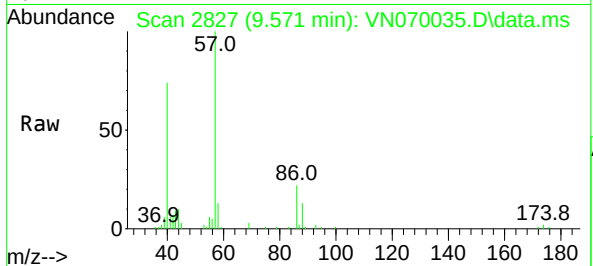




#45
1,4-Dioxane
Concen: 28.657 ug/l
RT: 9.571 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

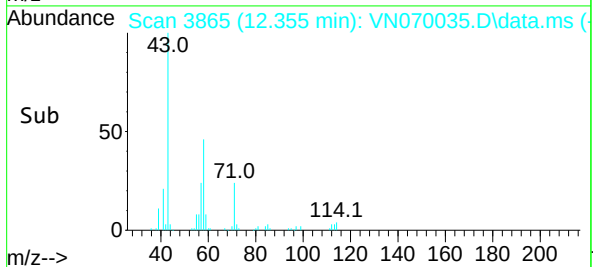
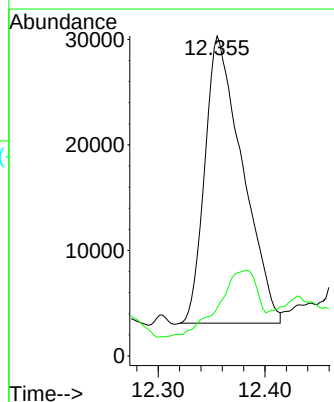
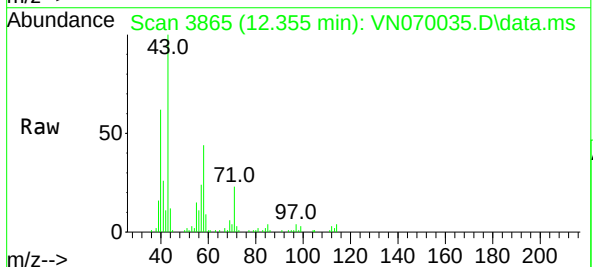
Instrument :
MSVOA_N
ClientSampleId :

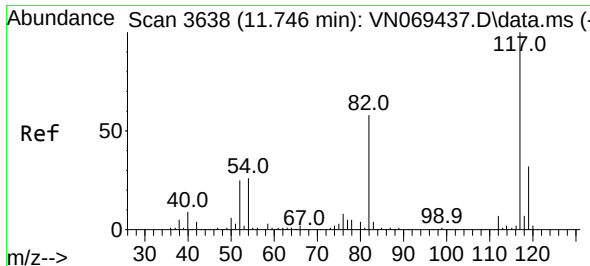
Tgt Ion: 88 Resp: 6068
Ion Ratio Lower Upper
88 100
43 26.5 25.0 37.6
58 89.0 49.4 74.2#



#47
n-amy1 Acetate
Concen: 3.184 ug/l
RT: 12.355 min Scan# 3865
Delta R.T. -0.032 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 43 Resp: 66446
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

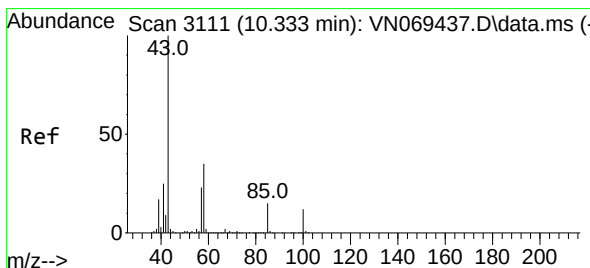
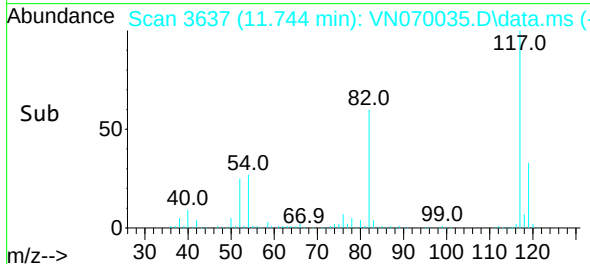
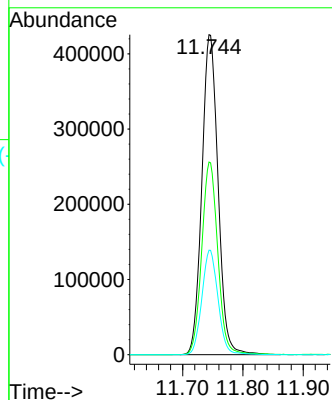
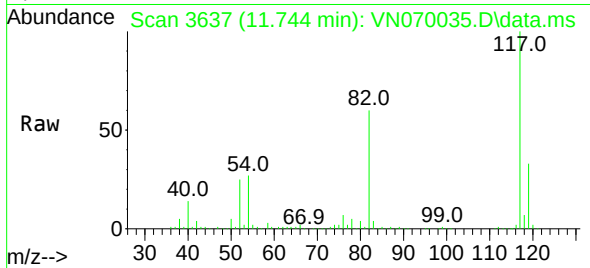




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

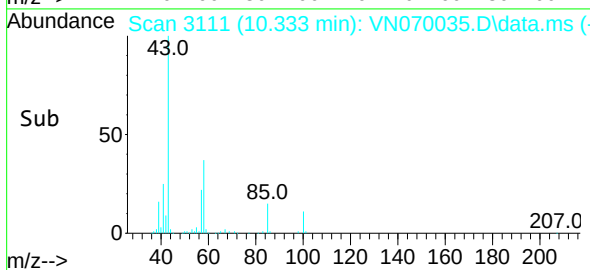
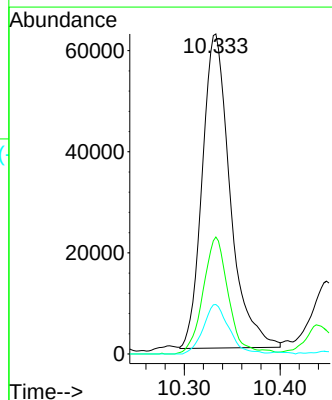
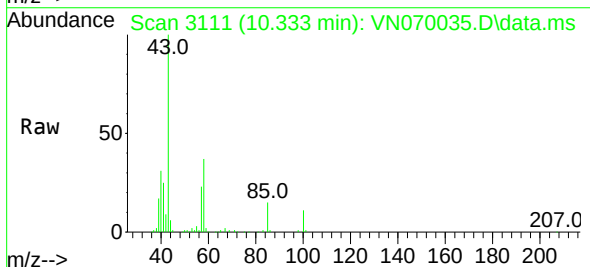
Instrument :
MSVOA_N
ClientSampleId :

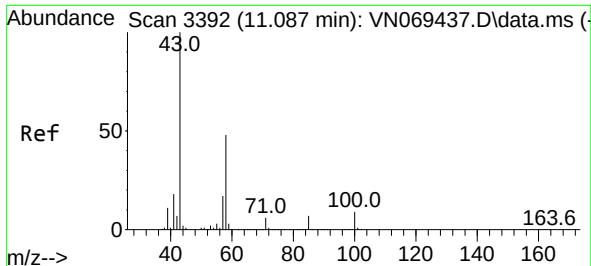
Tgt Ion:117 Resp: 794042
Ion Ratio Lower Upper
117 100
82 59.6 43.6 65.4
119 32.6 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 6.906 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 43 Resp: 125868
Ion Ratio Lower Upper
43 100
58 33.4 30.0 45.0
85 14.5 15.0 22.6#

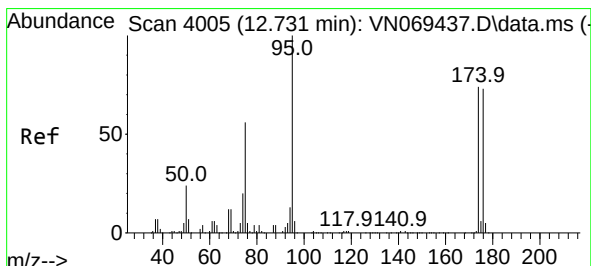
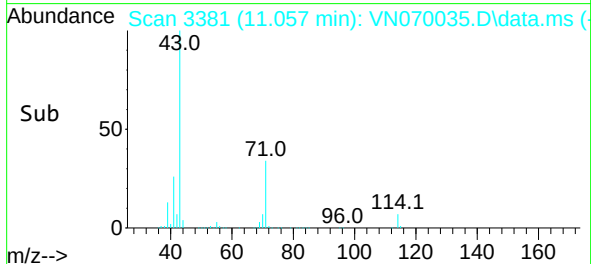
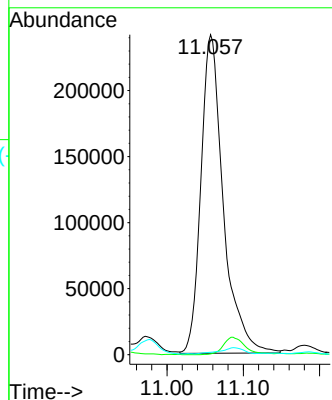
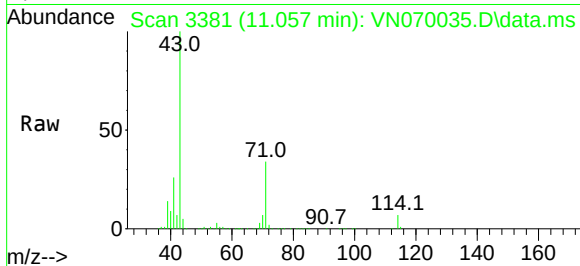




#59
2-Hexanone
Concen: 36.544 ug/l
RT: 11.057 min Scan# 3392
Delta R.T. -0.027 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

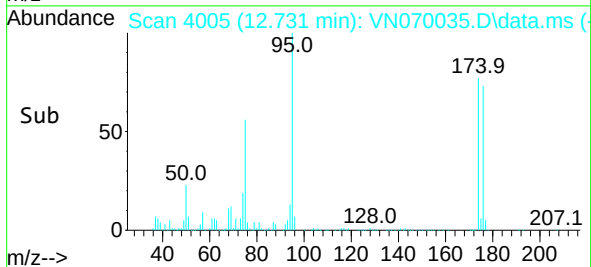
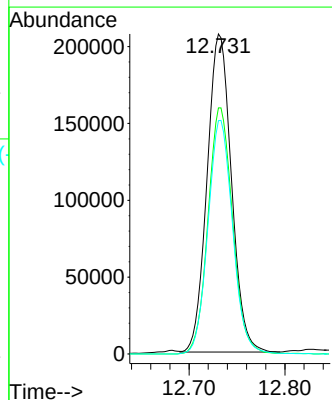
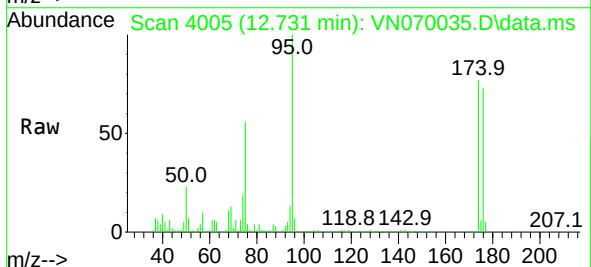
Instrument :
MSVOA_N
ClientSampleId :

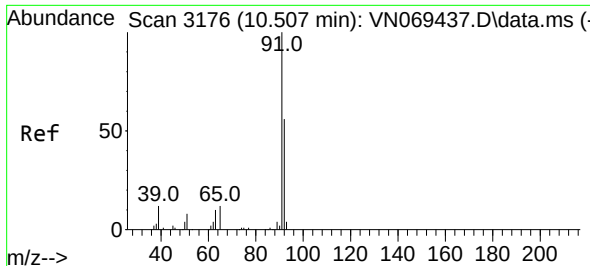
Tgt Ion: 43 Resp: 492372
Ion Ratio Lower Upper
43 100
58 5.4 42.2 63.2#
57 2.0 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 28.012 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 95 Resp: 365993
Ion Ratio Lower Upper
95 100
174 77.9 62.9 94.3
176 74.2 61.0 91.4

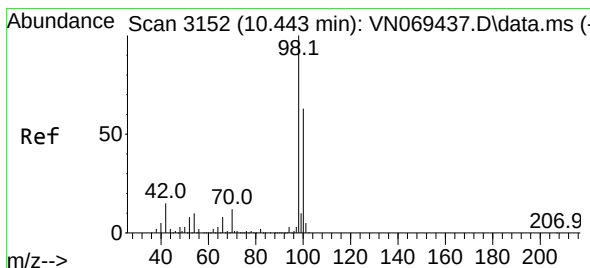
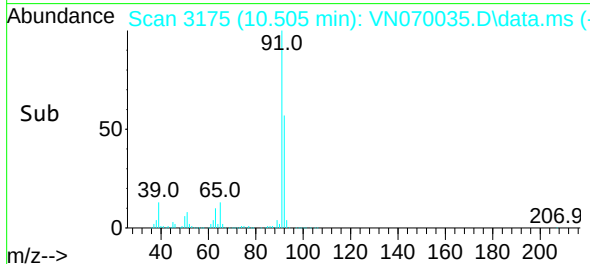
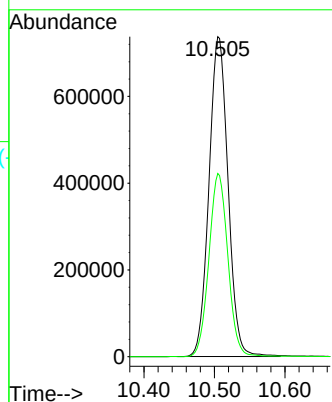
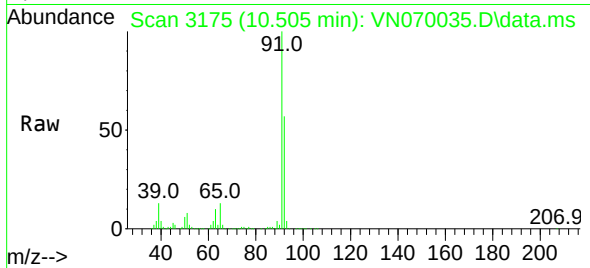




#62
Toluene
Concen: 29.641 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

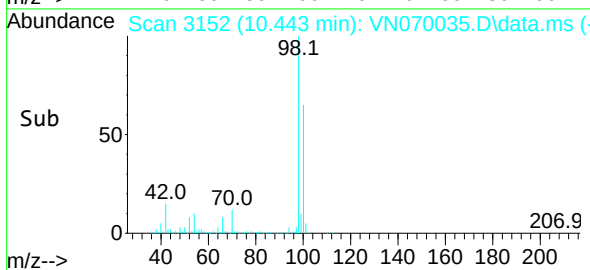
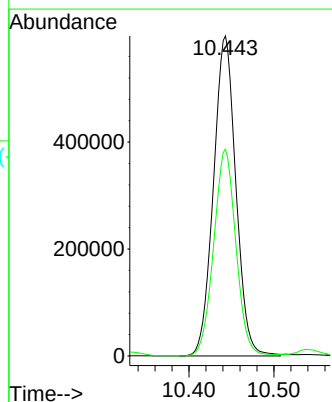
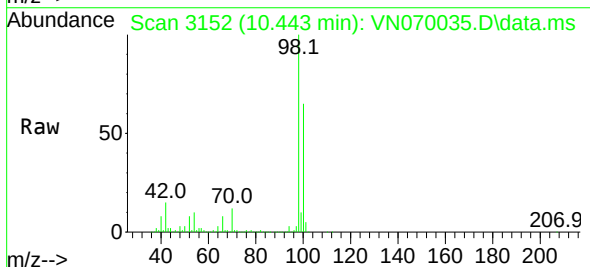
Instrument :
MSVOA_N
ClientSampleId :

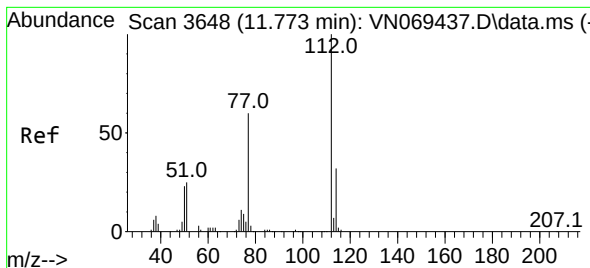
Tgt Ion: 91 Resp: 1384193
Ion Ratio Lower Upper
91 100
92 56.9 44.6 67.0



#63
Toluene-d8
Concen: 29.873 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 98 Resp: 1096176
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0





#64

Chlorobenzene

Concen: 2.249 ug/l

RT: 11.771 min Scan# 3648

Delta R.T. -0.000 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

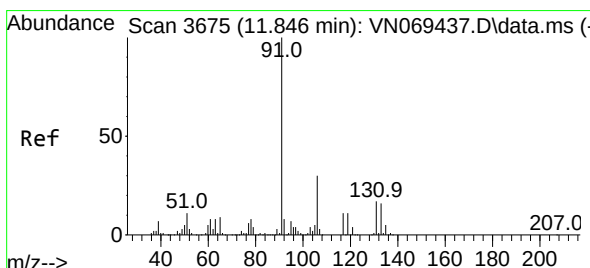
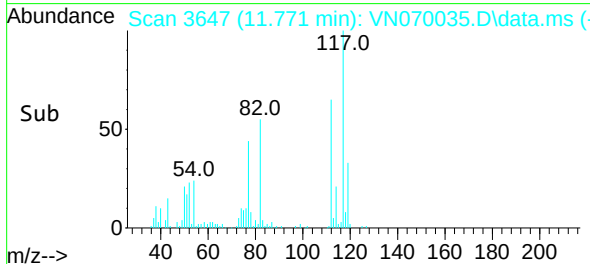
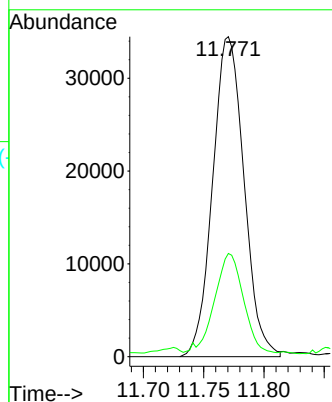
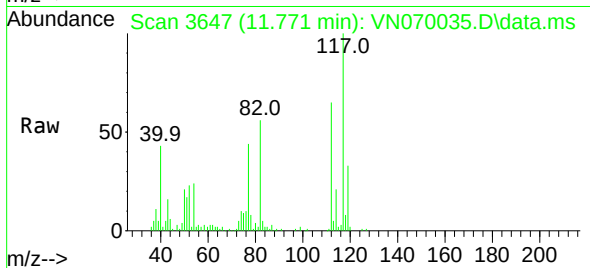
ClientSampleId :

Tgt Ion:112 Resp: 62322

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.6



#66

Ethyl Benzene

Concen: 11.307 ug/l

RT: 11.846 min Scan# 3675

Delta R.T. 0.003 min

Lab File: VN070035.D

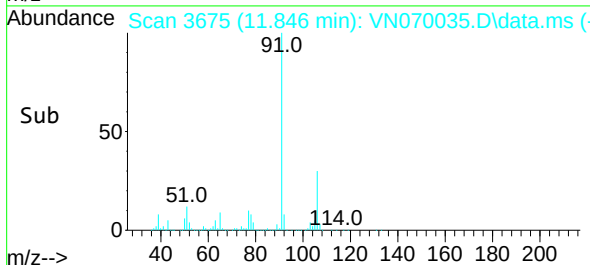
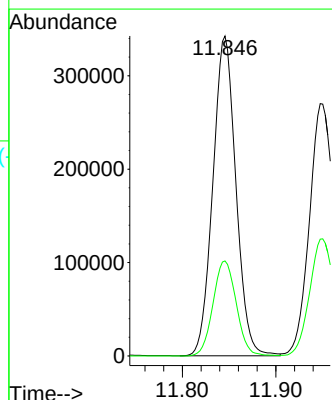
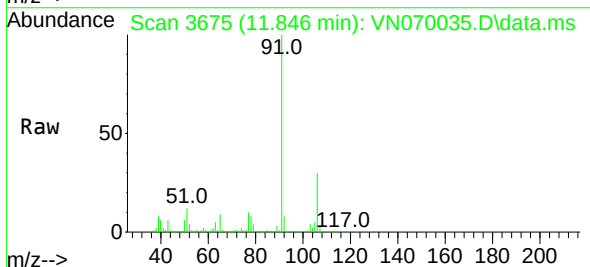
Acq: 13 Dec 2021 16:29

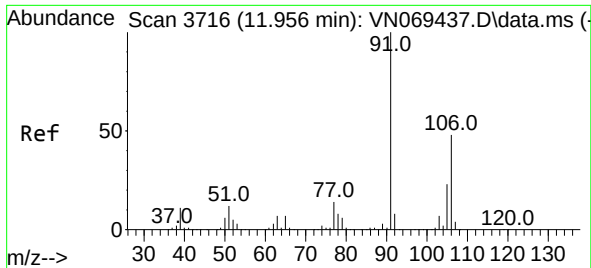
Tgt Ion: 91 Resp: 587025

Ion Ratio Lower Upper

91 100

106 29.7 24.0 36.0

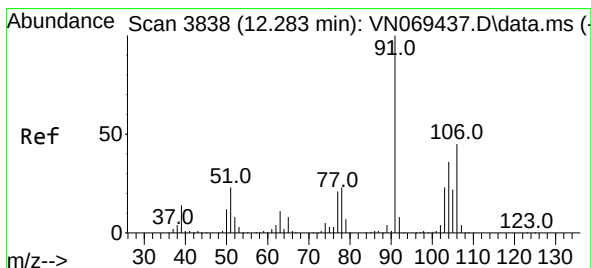
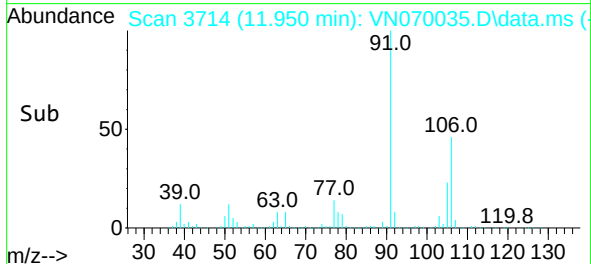
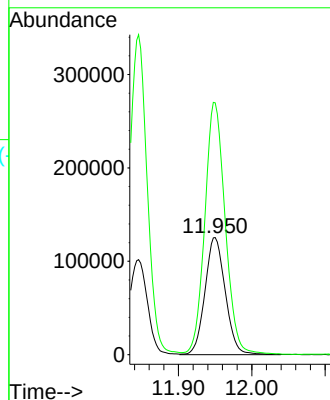
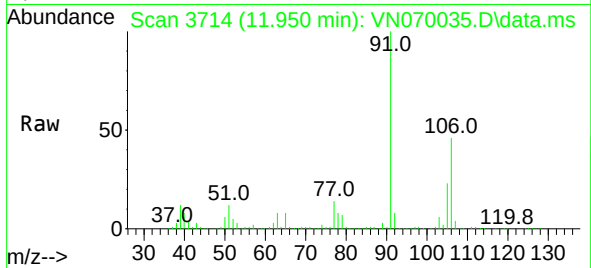




#67
m/p-Xylenes
Concen: 12.766 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

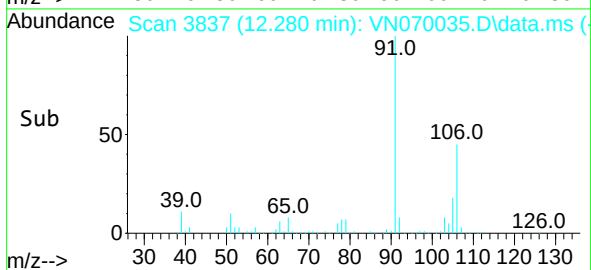
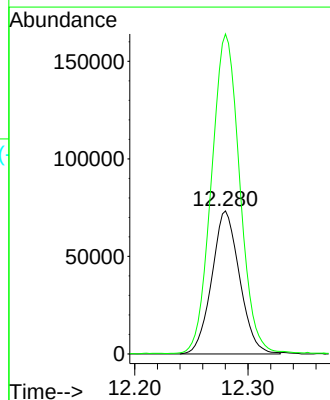
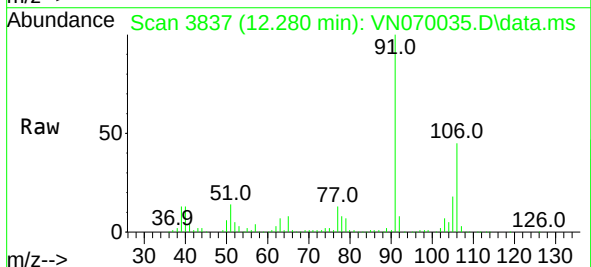
Instrument :
MSVOA_N
ClientSampleId :

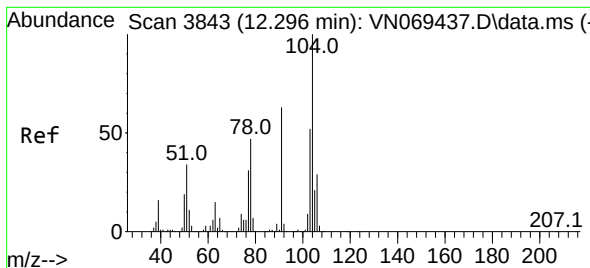
Tgt Ion:106 Resp: 242142
Ion Ratio Lower Upper
106 100
91 214.0 162.9 244.3



#68
o-Xylene
Concen: 6.657 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion:106 Resp: 124931
Ion Ratio Lower Upper
106 100
91 227.6 107.7 323.1





#69

Styrene

Concen: 0.770 ug/l

RT: 12.294 min Scan# 31

Delta R.T. -0.000 min MSVOA_N

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

ClientSampleId :

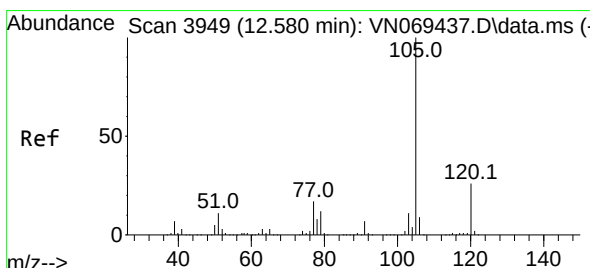
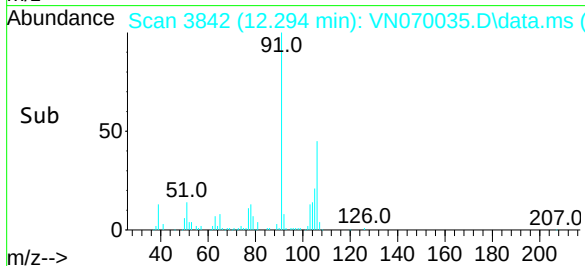
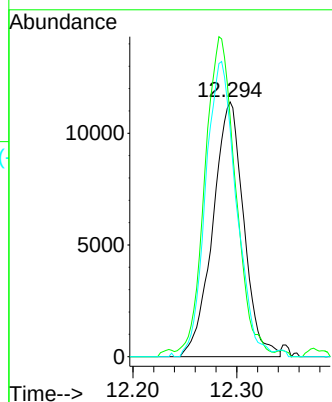
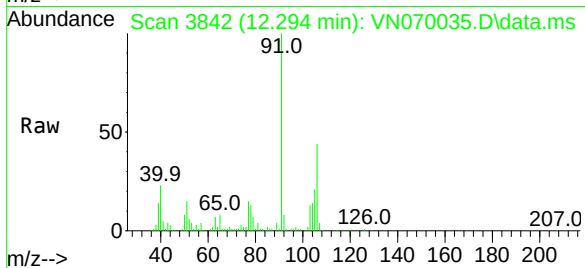
Tgt Ion:104 Resp: 23541

Ion Ratio Lower Upper

104 100

78 122.3 40.7 61.1#

103 114.7 45.8 68.8#



#70

Isopropylbenzene

Concen: 1.665 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VN070035.D

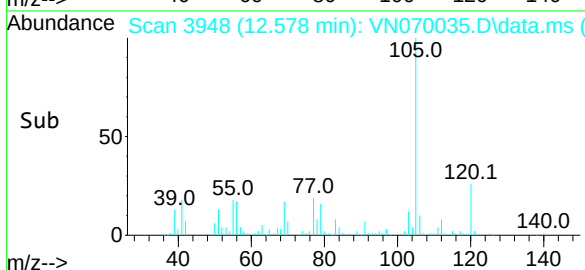
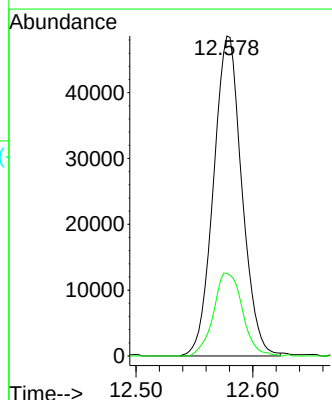
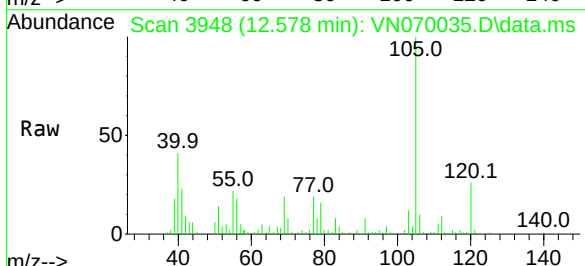
Acq: 13 Dec 2021 16:29

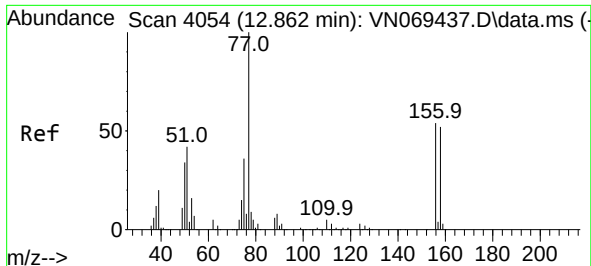
Tgt Ion:105 Resp: 81980

Ion Ratio Lower Upper

105 100

120 26.4 18.3 34.1

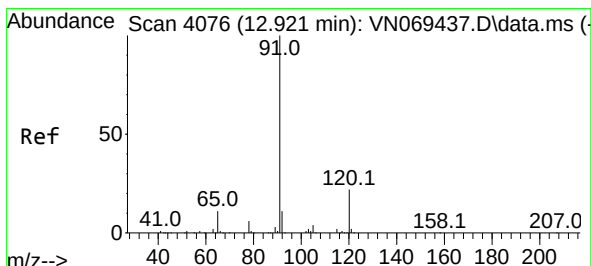
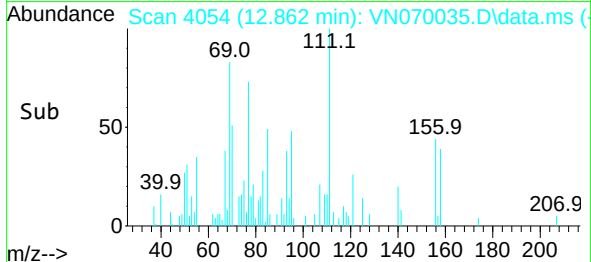
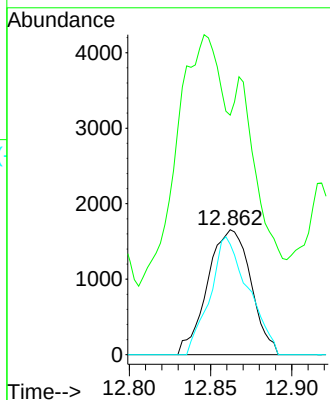
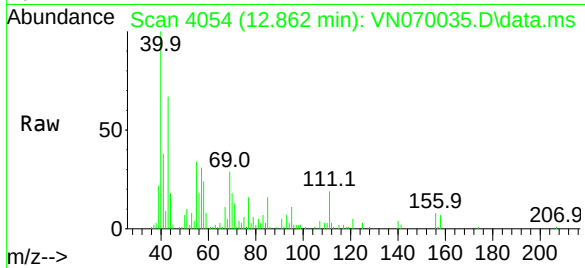




#73
Bromobenzene
Concen: 0.269 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

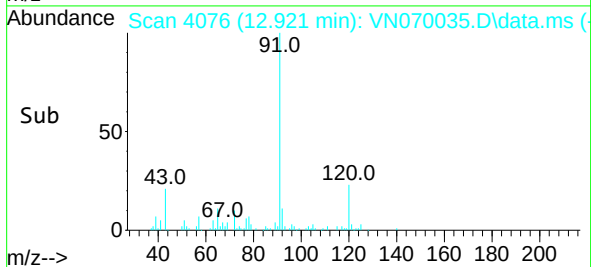
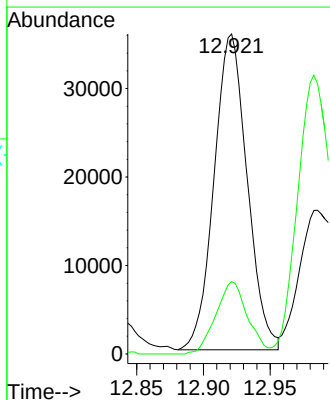
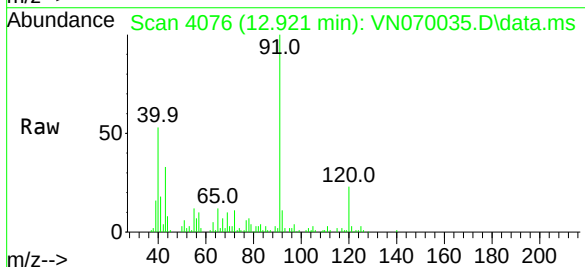
Instrument :
MSVOA_N
ClientSampleId :

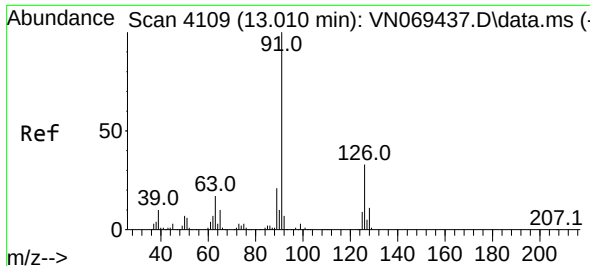
Tgt Ion:156 Resp: 3072
Ion Ratio Lower Upper
156 100
77 69.8 0.0 416.0
158 83.1 0.0 195.4



#74
n-propylbenzene
Concen: 1.078 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 91 Resp: 61501
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0

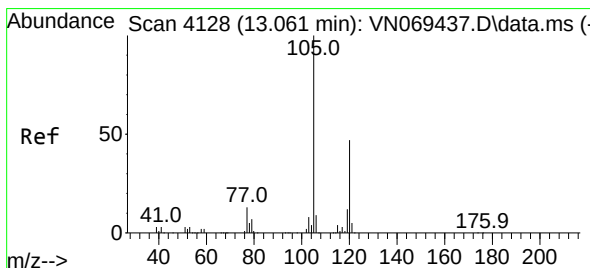
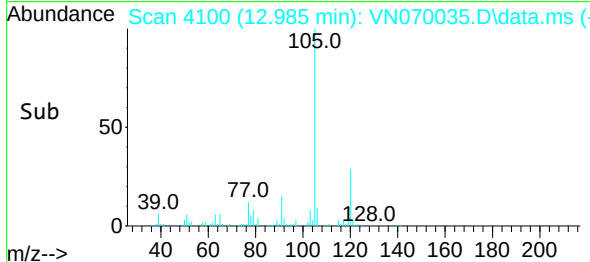
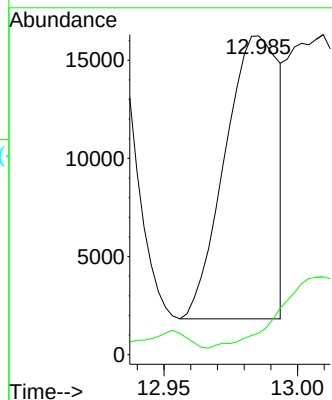
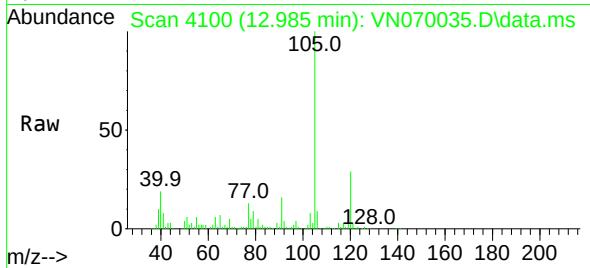




#75
2-Chlorotoluene
Concen: 0.575 ug/l
RT: 12.985 min Scan# 4109
Delta R.T. -0.022 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

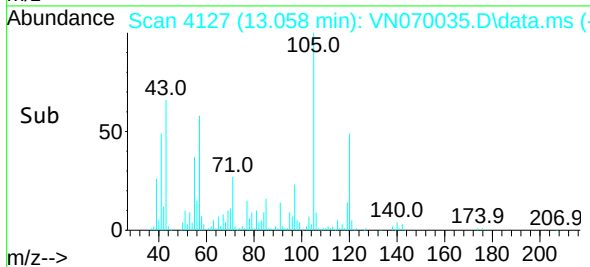
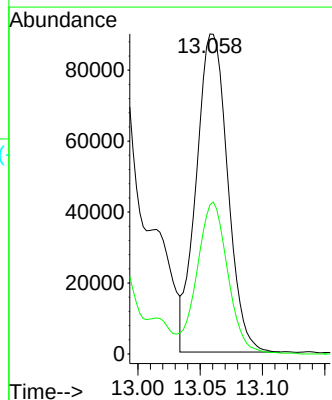
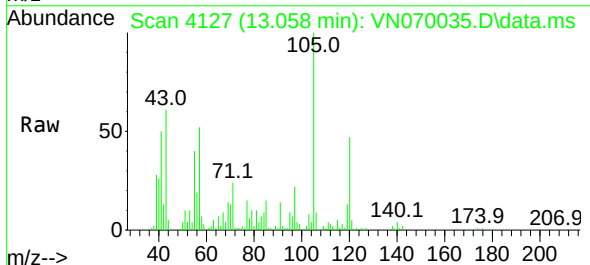
Instrument :
MSVOA_N
ClientSampleId :

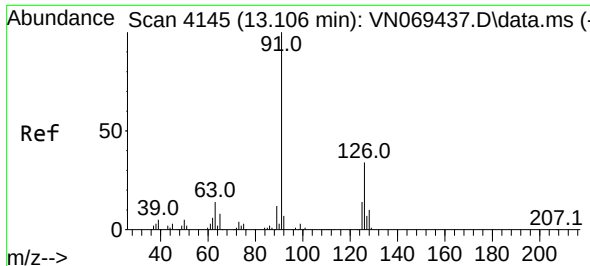
Tgt Ion: 91 Resp: 20093
Ion Ratio Lower Upper
91 100
126 35.8 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 3.876 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 105 Resp: 156792
Ion Ratio Lower Upper
105 100
120 45.5 0.0 93.8

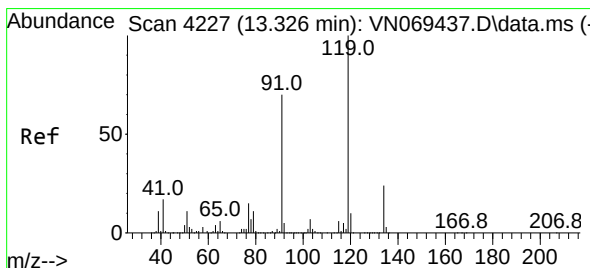
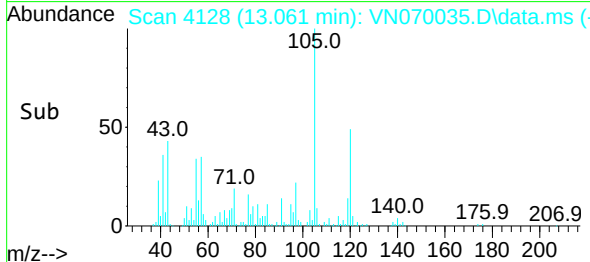
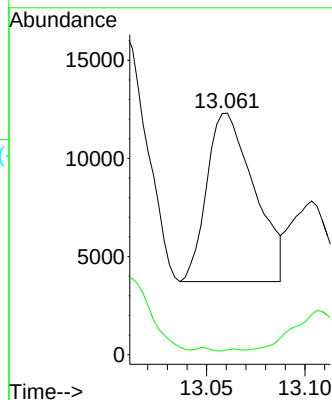
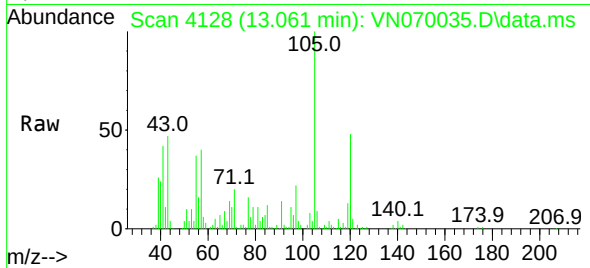




#78
4-Chlorotoluene
Concen: 0.432 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.043 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

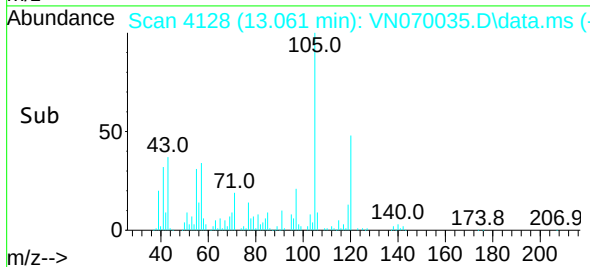
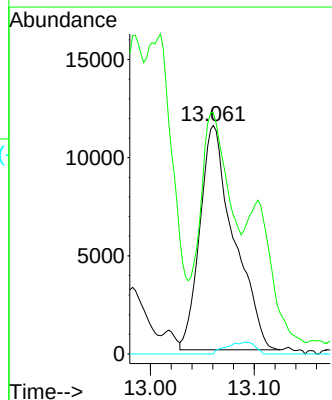
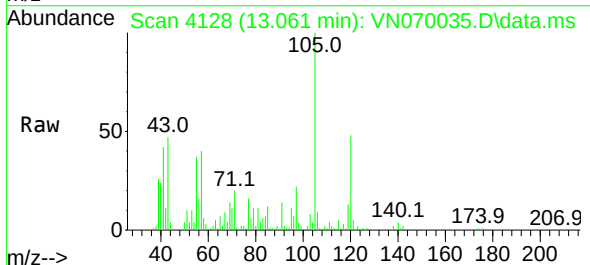
Instrument :
MSVOA_N
ClientSampleId :

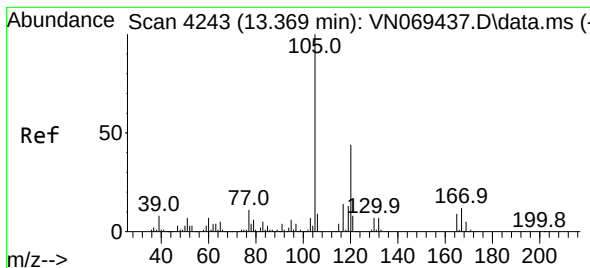
Tgt Ion: 91 Resp: 14476
Ion Ratio Lower Upper
91 100
126 0.3 0.0 70.6



#79
tert-butylbenzene
Concen: 0.740 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.263 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Tgt Ion: 119 Resp: 25995
Ion Ratio Lower Upper
119 100
91 55.7 0.0 137.0
134 2.1 0.0 47.6





#80

1,2,4-Trimethylbenzene

Concen: 8.995 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. -0.000 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

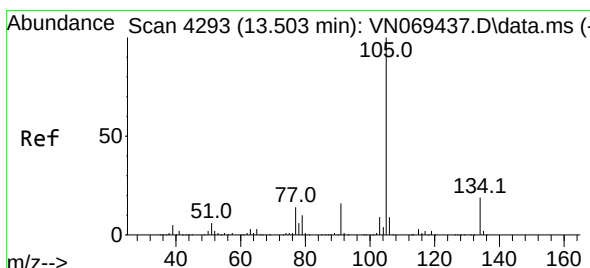
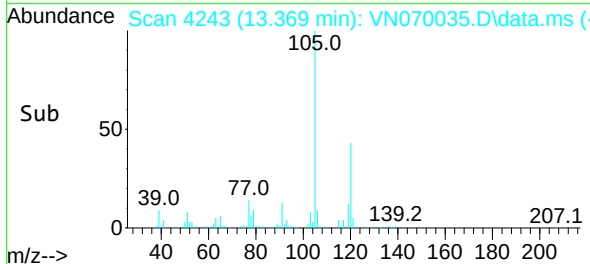
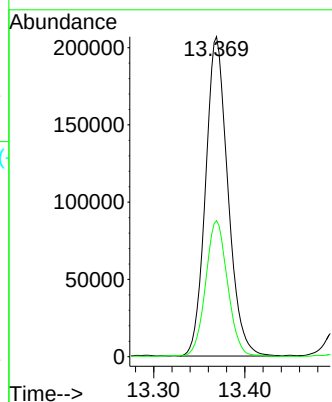
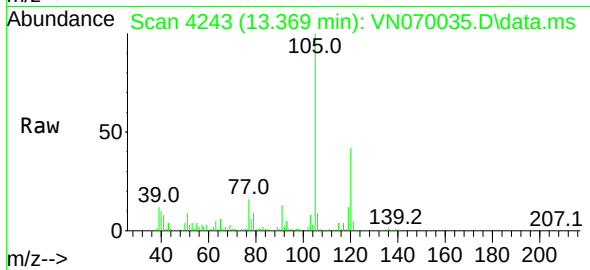
ClientSampleId :

Tgt Ion:105 Resp: 351889

Ion Ratio Lower Upper

105 100

120 41.5 0.0 0.2#



#81

sec-Butylbenzene

Concen: 0.621 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.003 min

Lab File: VN070035.D

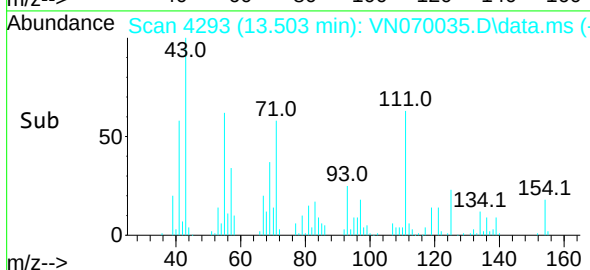
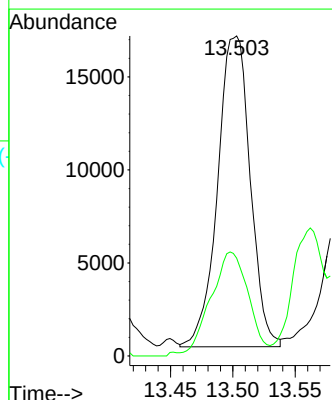
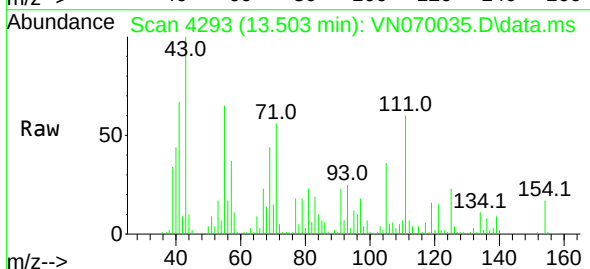
Acq: 13 Dec 2021 16:29

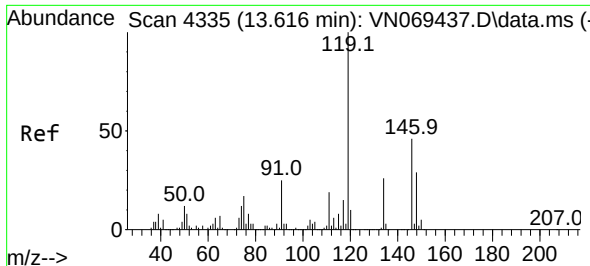
Tgt Ion:105 Resp: 30417

Ion Ratio Lower Upper

105 100

134 37.2 0.0 39.4

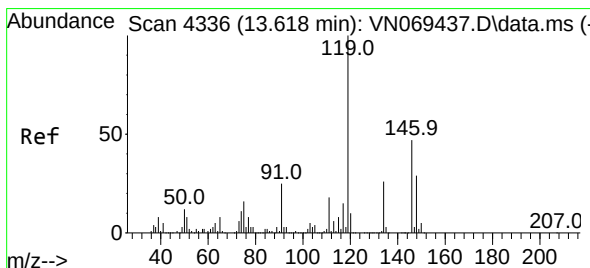
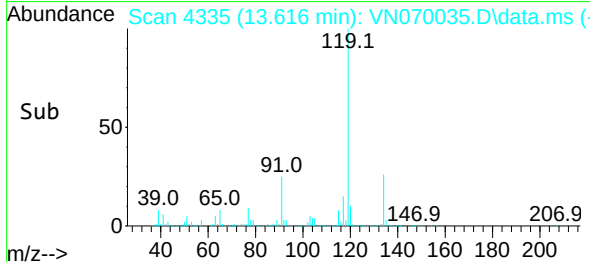
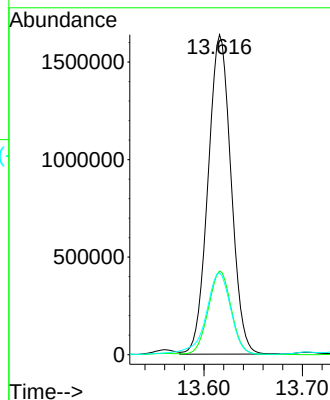
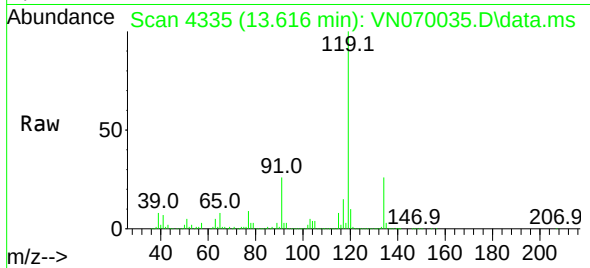




#82
p-Isopropyltoluene
Concen: 68.257 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

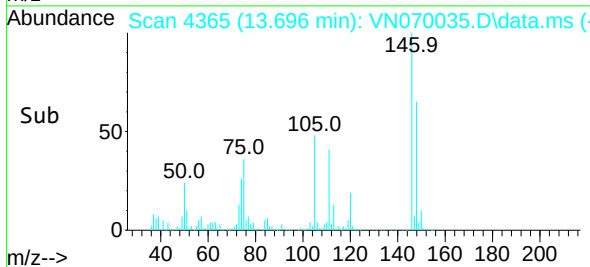
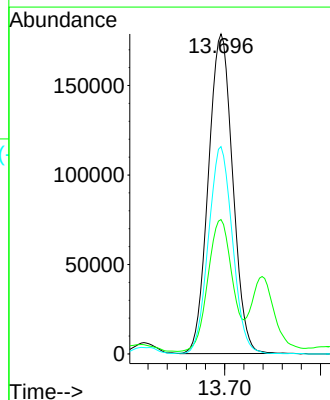
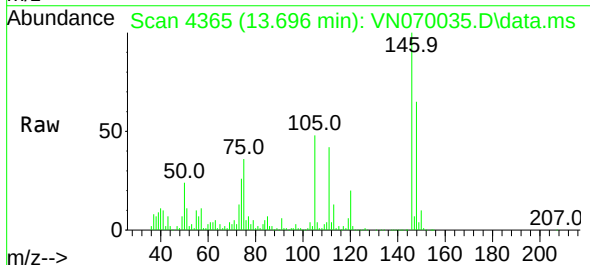
Instrument :
MSVOA_N
ClientSampleId :

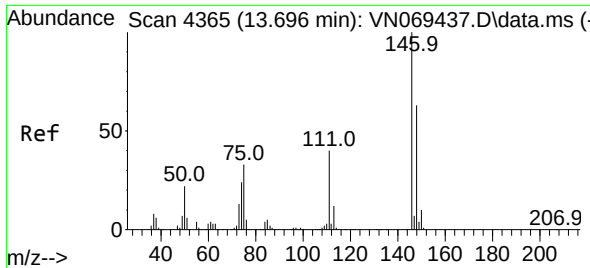
Tgt Ion:119 Resp: 2664185
Ion Ratio Lower Upper
119 100
134 26.0 0.0 51.8
91 27.8 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 16.302 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.080 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

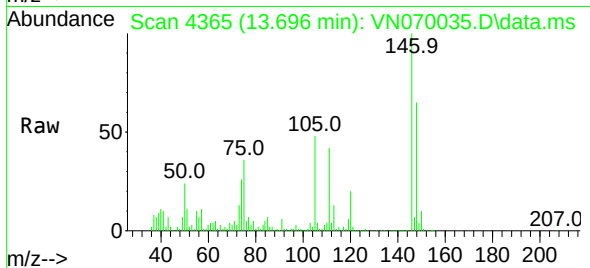
Tgt Ion:146 Resp: 315054
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 63.9 31.4 94.3



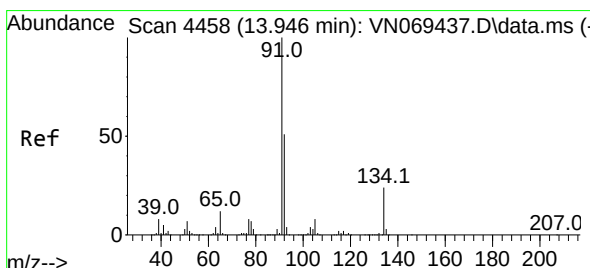
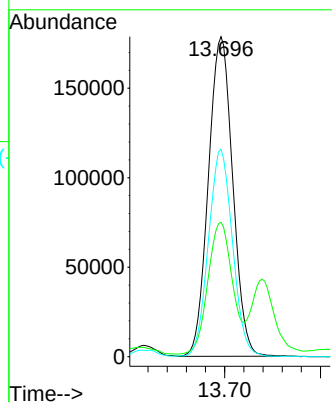
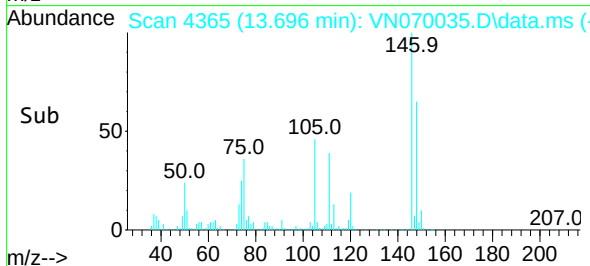


#84
1,4-Dichlorobenzene
Concen: 16.947 ug/l
RT: 13.696 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

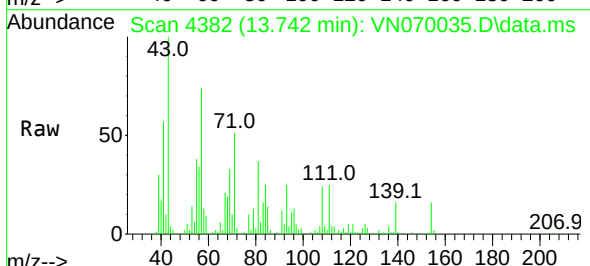
Instrument :
MSVOA_N
ClientSampleId :



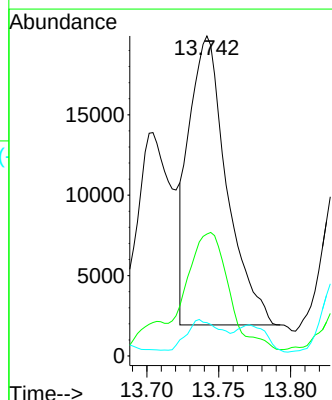
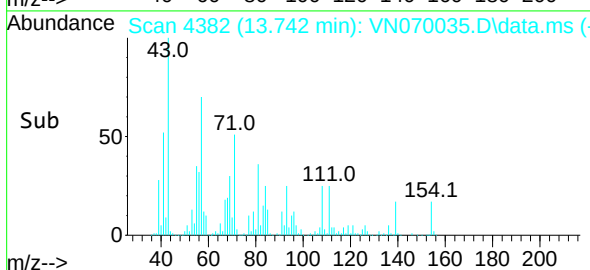
Tgt Ion:146 Resp: 315054
Ion Ratio Lower Upper
146 100
111 41.7 19.5 58.5
148 63.9 31.1 93.5

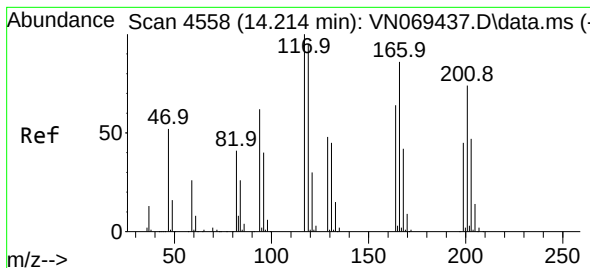


#85
n-Butylbenzene
Concen: 1.000 ug/l
RT: 13.742 min Scan# 4382
Delta R.T. -0.201 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29



Tgt Ion: 91 Resp: 32607
Ion Ratio Lower Upper
91 100
92 45.0 0.0 100.6
134 9.5 0.0 50.2





#86

Hexachloroethane

Concen: 1.148 ug/l

RT: 14.216 min Scan# 4

Delta R.T. 0.008 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

Instrument :

MSVOA_N

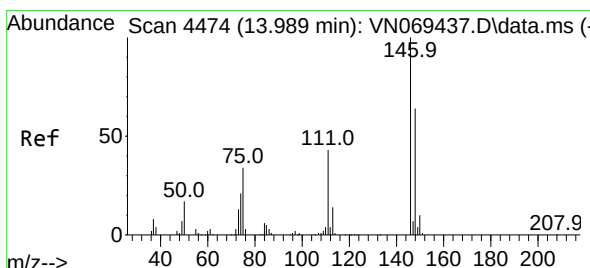
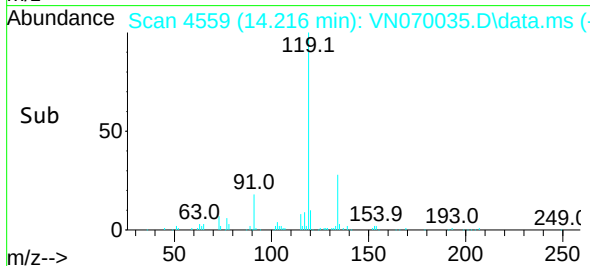
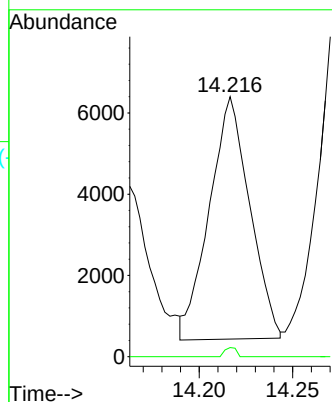
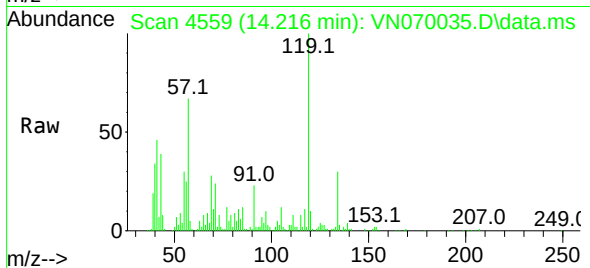
ClientSampleId :

Tgt Ion:117 Resp: 8943

Ion Ratio Lower Upper

117 100

201 1.1 33.3 99.8#



#87

1,2-Dichlorobenzene

Concen: 16.969 ug/l

RT: 13.696 min Scan# 4365

Delta R.T. -0.293 min

Lab File: VN070035.D

Acq: 13 Dec 2021 16:29

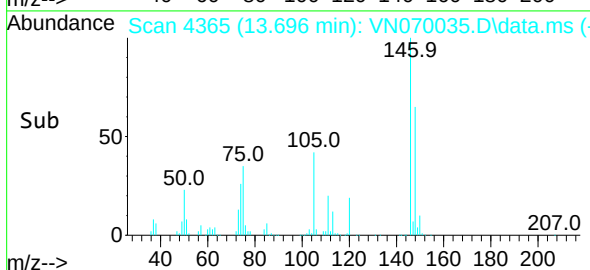
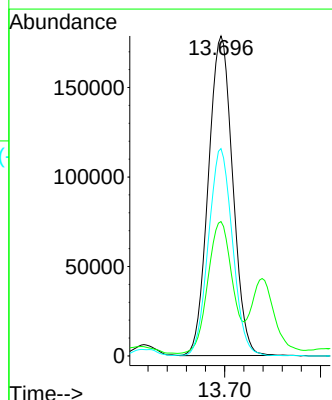
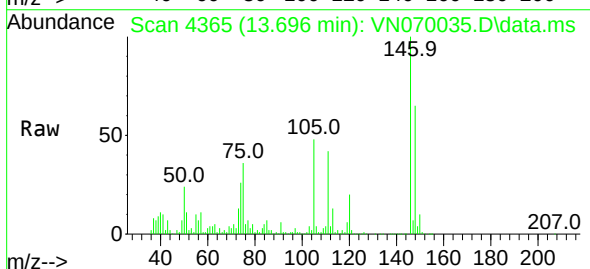
Tgt Ion:146 Resp: 315054

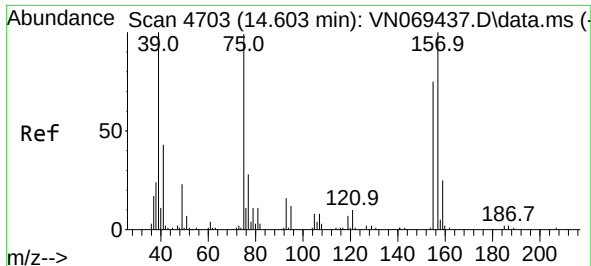
Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.2

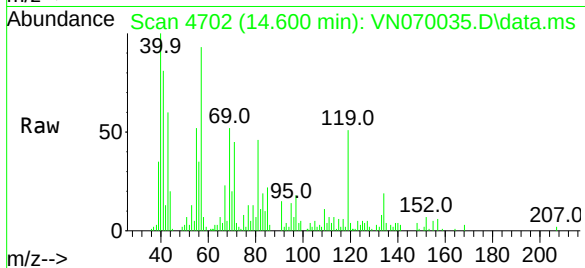
148 63.9 32.5 97.4



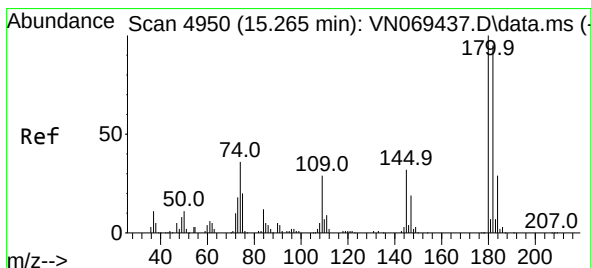
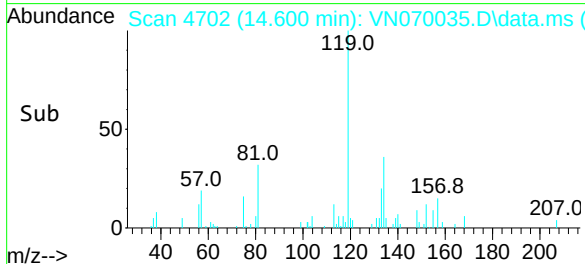
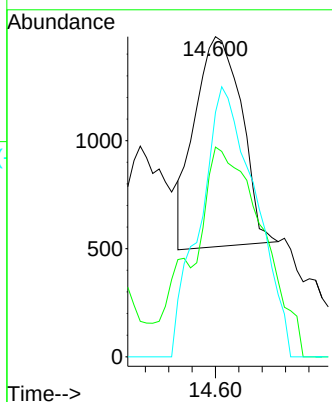


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 0.437 ug/l
 RT: 14.600 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070035.D
 Acq: 13 Dec 2021 16:29

Instrument :
 MSVOA_N
 ClientSampleId :

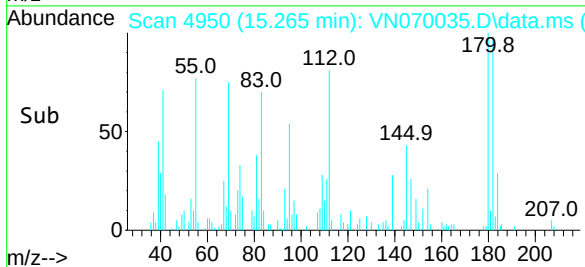
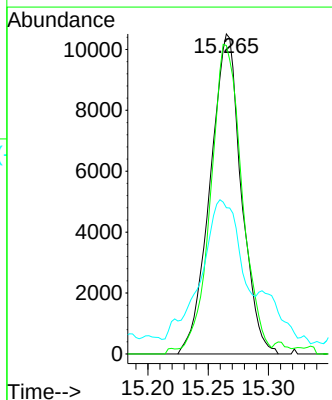
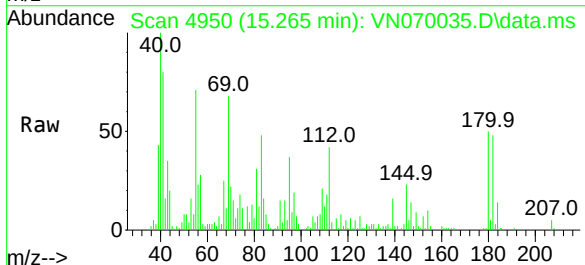


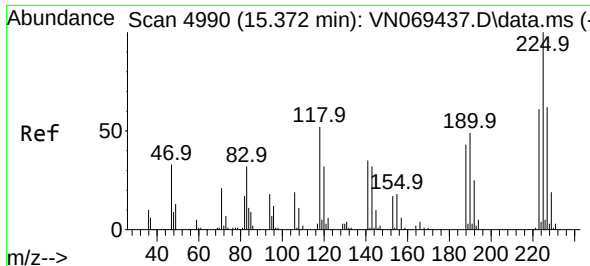
Tgt Ion: 75 Resp: 1349
 Ion Ratio Lower Upper
 75 100
 155 87.3 63.8 95.8
 157 151.9 77.9 116.9#



#89
 1,2,4-Trichlorobenzene
 Concen: 2.188 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.003 min
 Lab File: VN070035.D
 Acq: 13 Dec 2021 16:29

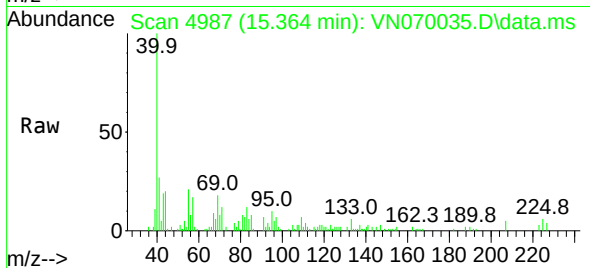
Tgt Ion:180 Resp: 18898
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.7 116.5
 145 40.7 26.6 39.8#



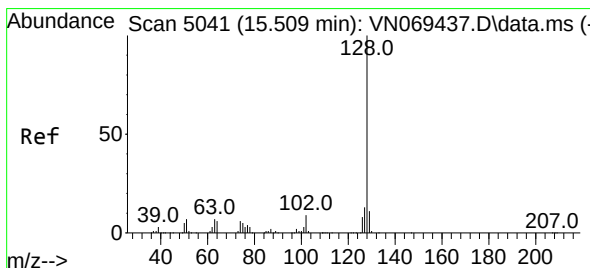
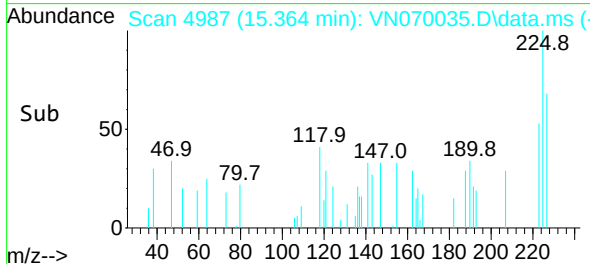
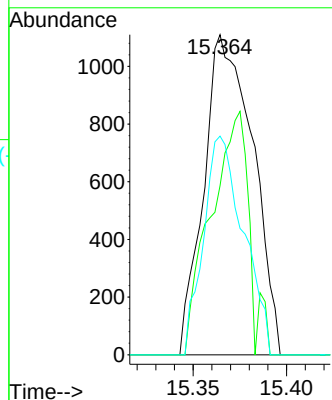


#90
Hexachlorobutadiene
Concen: 0.393 ug/l
RT: 15.364 min Scan# 4990
Delta R.T. -0.006 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

Instrument :
MSVOA_N
ClientSampleId :

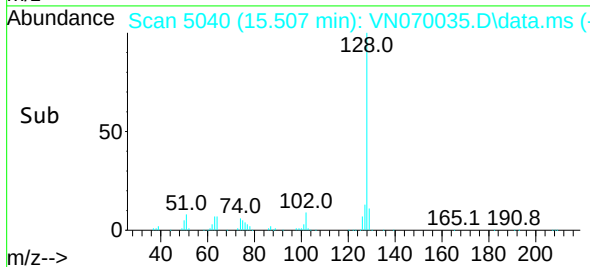
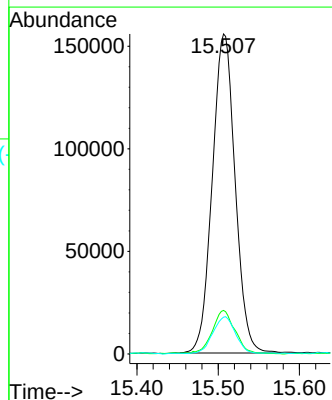
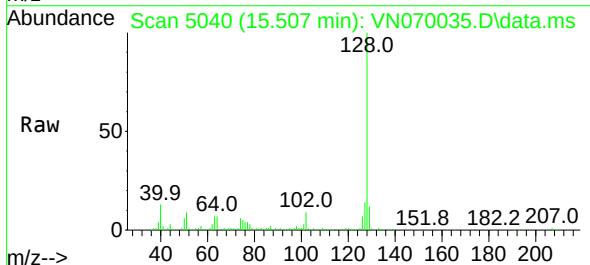


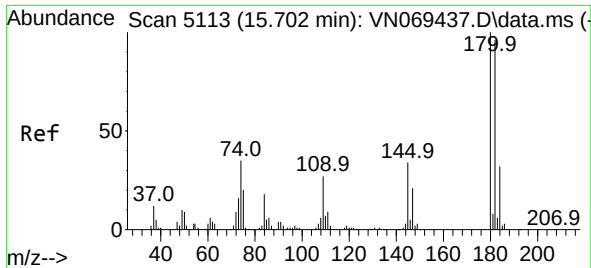
Tgt Ion:225 Resp: 2020
Ion Ratio Lower Upper
225 100
223 56.5 0.0 126.8
227 55.6 0.0 123.0



#91
Naphthalene
Concen: 17.553 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070035.D
Acq: 13 Dec 2021 16:29

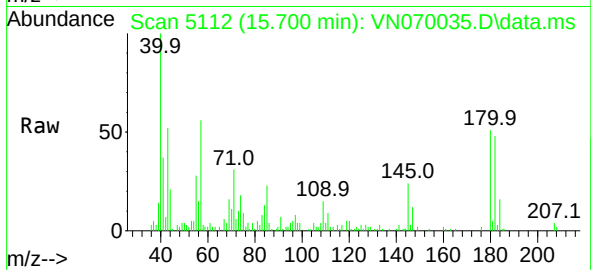
Tgt Ion:128 Resp: 304119
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.5 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 2.455 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070035.D
 Acq: 13 Dec 2021 16:29

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	190.0
145	57.0	0.0	67.8

