

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070491.D
 Acq On : 5 Jan 2022 15:56
 Operator : JC/MD
 Sample : N1012-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 12:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

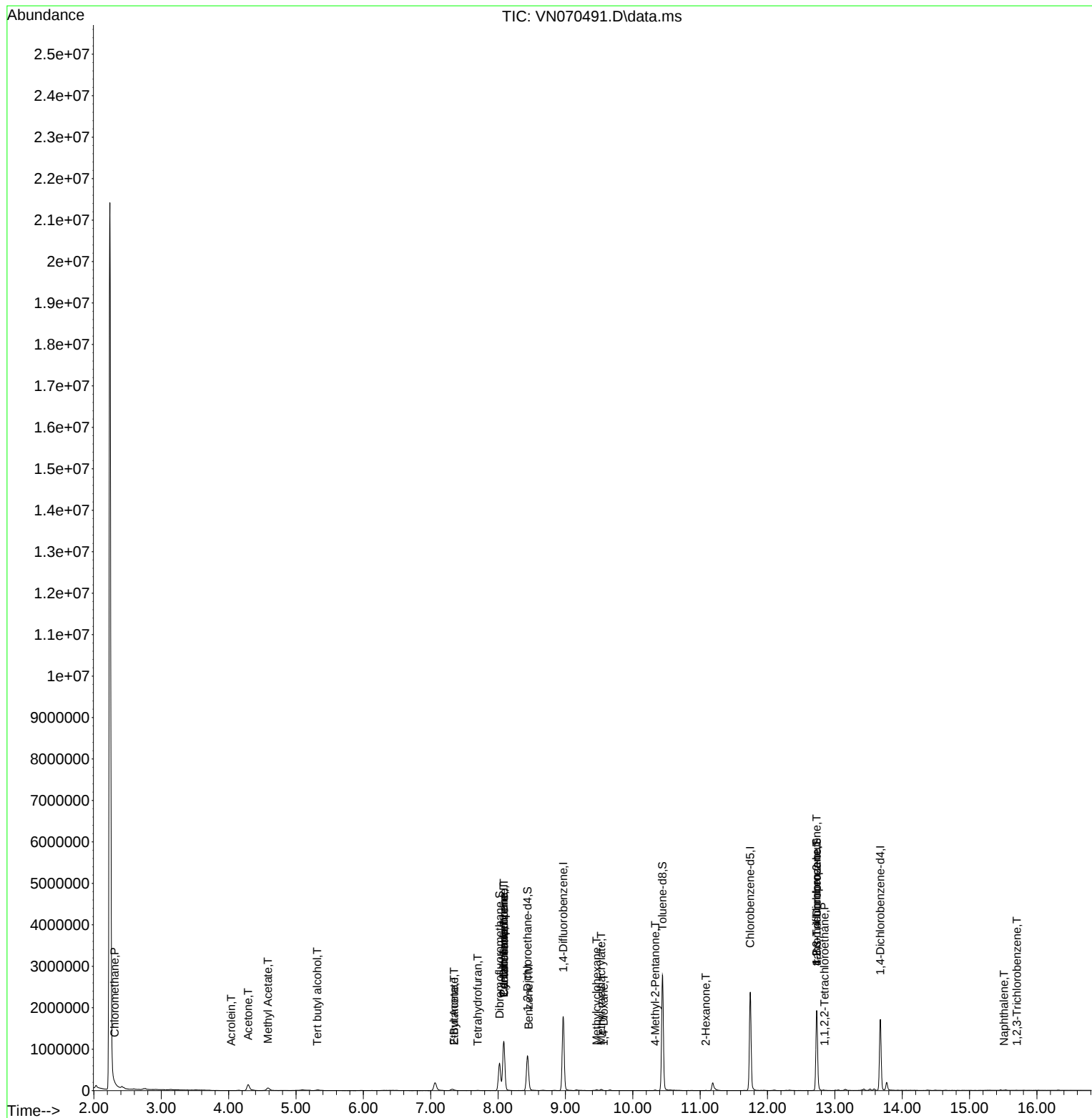
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	925208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1564124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1383936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	472868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	698857	52.535	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.060%	
35) Dibromofluoromethane	8.021	113	488309	51.598	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.200%	
50) Toluene-d8	10.440	98	1956233	50.601	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.731	95	704789	50.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.940%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	2909	0.204	ug/l	92
11) Tert butyl alcohol	5.315	59	11922	5.382	ug/l #	72
13) Acrolein	4.038	56	719	0.400	ug/l	90
16) Acetone	4.288	43	270199	31.289	ug/l	98
18) Methyl Acetate	4.583	43	25202	1.009	ug/l #	51
25) 2-Butanone	7.345	43	13346	1.227	ug/l #	85
29) Tetrahydrofuran	7.697	42	4829	0.744	ug/l #	77
31) Cyclohexane	8.086	56	26262	1.251	ug/l #	11
36) 1,1-Dichloropropene	8.083	75	73281	4.681	ug/l #	49
37) Ethyl Acetate	7.345	43	13346	0.658	ug/l #	68
38) Carbon Tetrachloride	8.086	117	88763	5.938	ug/l #	16
39) Methylcyclohexane	9.464	83	5546	0.293	ug/l #	89
40) Benzene	8.456	78	13735	0.286	ug/l	98
48) Methyl methacrylate	9.531	41	8723	0.572	ug/l #	35
49) 1,4-Dioxane	9.571	88	95	0.425	ug/l #	27
51) 4-Methyl-2-Pentanone	10.333	43	8519	0.424	ug/l	97
59) 2-Hexanone	11.084	43	4780	0.326	ug/l	77
75) 1,1,2,2-Tetrachloroethane	12.846	83	792	0.496	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	365949	27.445	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	365949	94.552	ug/l #	5
95) Naphthalene	15.509	128	5095	2.025	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.702	180	930	0.949	ug/l #	69

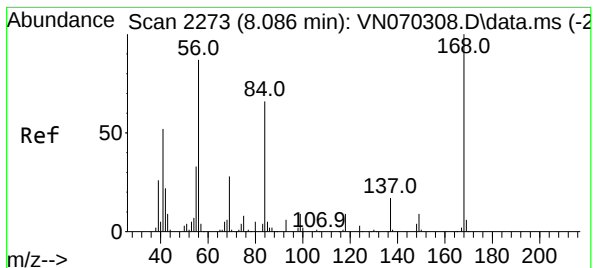
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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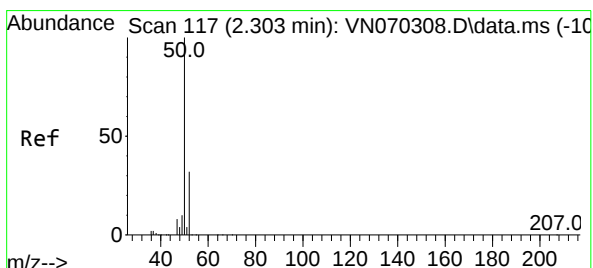
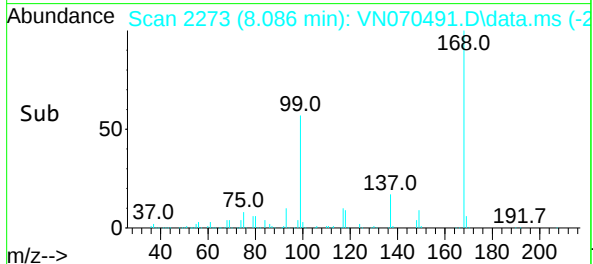
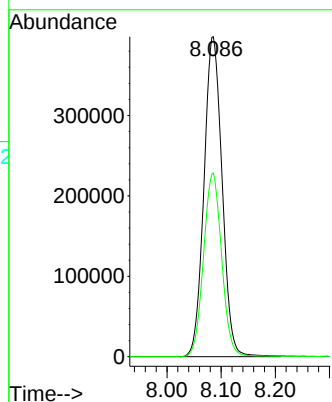
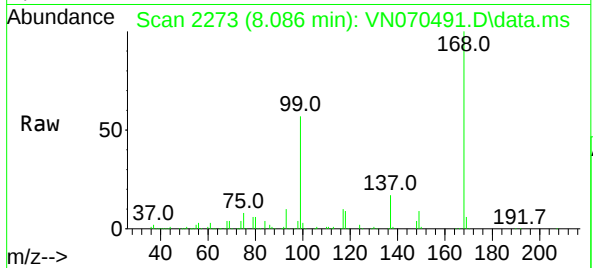




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

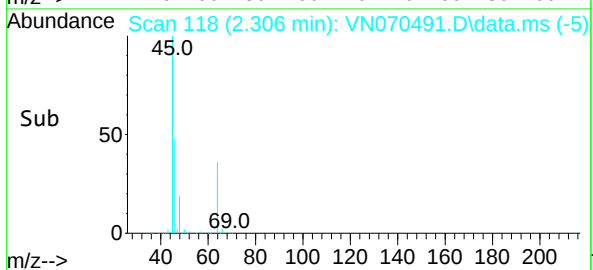
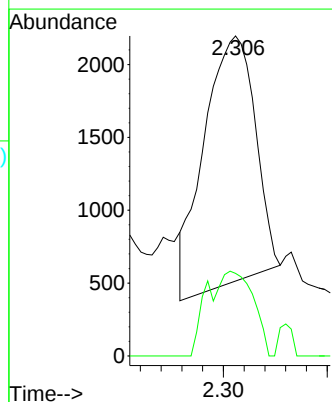
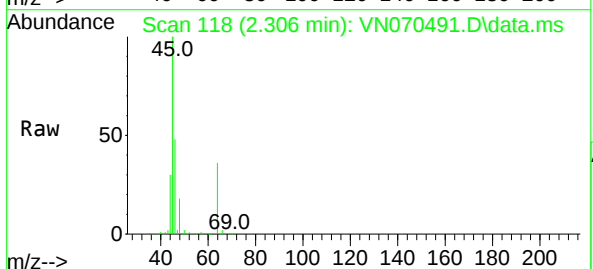
Instrument :
MSVOA_N
ClientSampleId :

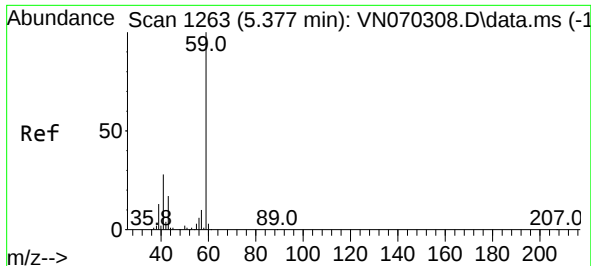
Tgt Ion:168 Resp: 925208
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

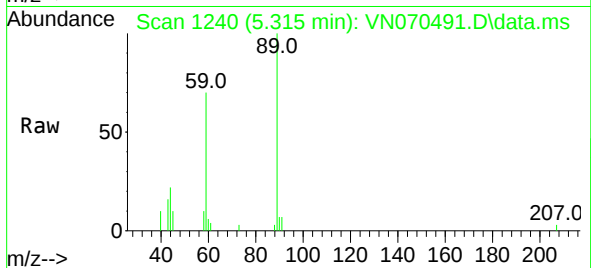
Tgt Ion: 50 Resp: 2909
Ion Ratio Lower Upper
50 100
52 36.0 25.4 38.0



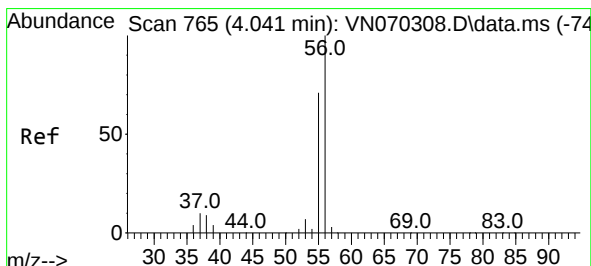
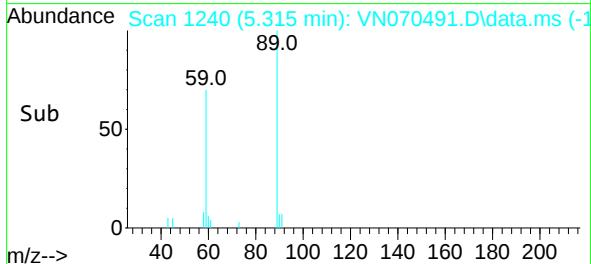
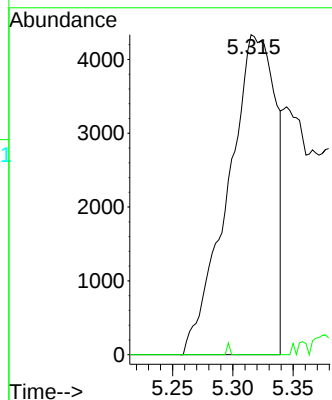


#11
Tert butyl alcohol
Concen: 5.382 ug/l
RT: 5.315 min Scan# 11
Delta R.T. -0.062 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :

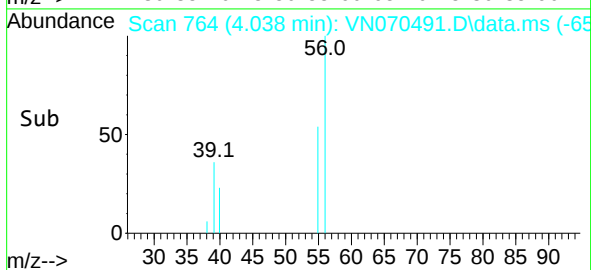
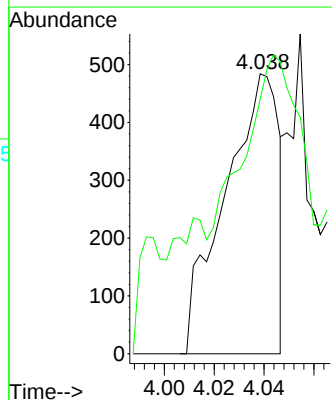
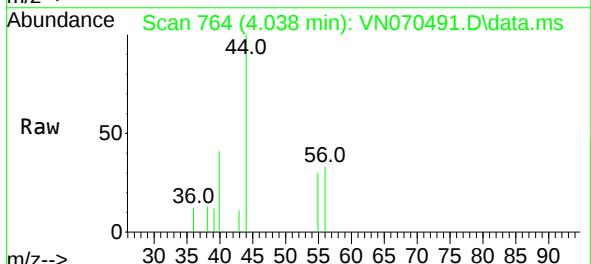


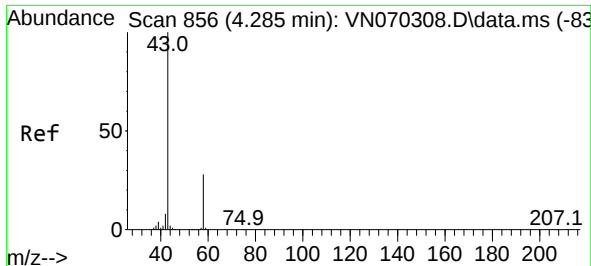
Tgt Ion: 59 Resp: 11922
Ion Ratio Lower Upper
59 100
57 0.2 8.7 13.1#



#13
Acrolein
Concen: 0.400 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Tgt Ion: 56 Resp: 719
Ion Ratio Lower Upper
56 100
55 79.4 56.6 85.0

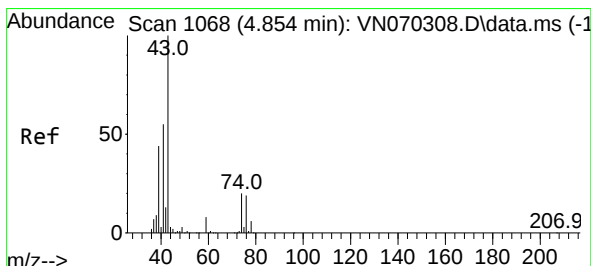
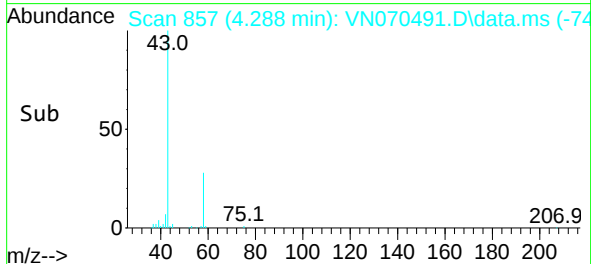
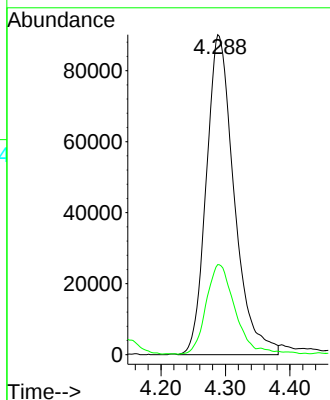
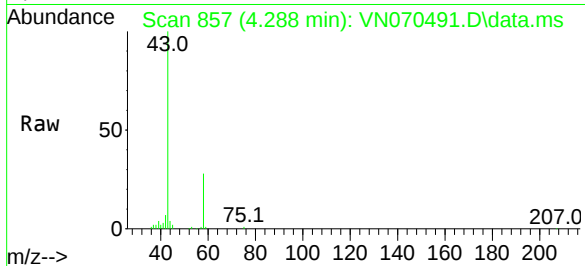




#16
Acetone
Concen: 31.289 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

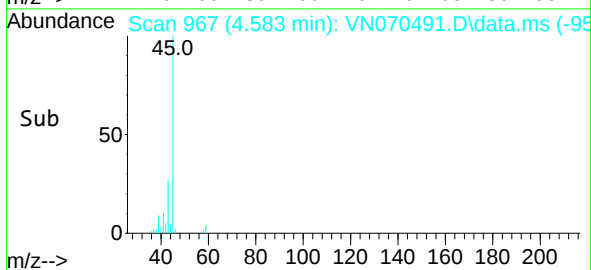
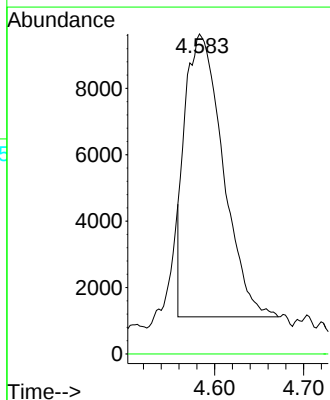
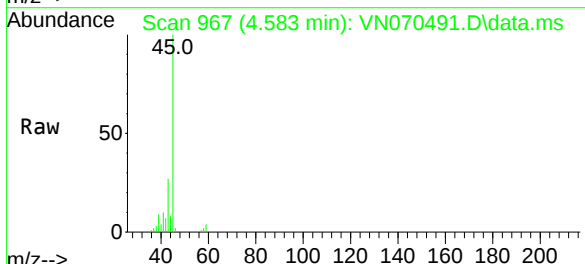
Instrument :
MSVOA_N
ClientSampleId :

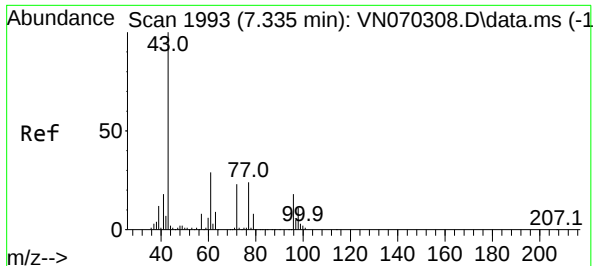
Tgt Ion: 43 Resp: 270199
Ion Ratio Lower Upper
43 100
58 28.0 23.1 34.7



#18
Methyl Acetate
Concen: 1.009 ug/l
RT: 4.583 min Scan# 967
Delta R.T. -0.271 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Tgt Ion: 43 Resp: 25202
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#25

2-Butanone

Concen: 1.227 ug/l

RT: 7.345 min Scan# 1993

Delta R.T. 0.010 min

Lab File: VN070491.D

Acq: 5 Jan 2022 15:56

Instrument :

MSVOA_N

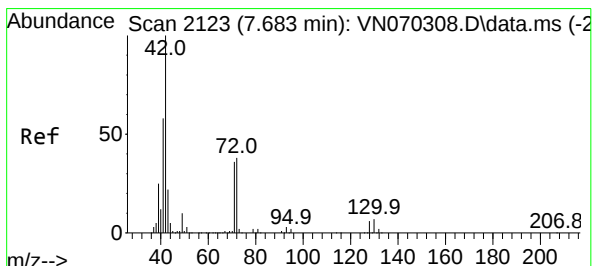
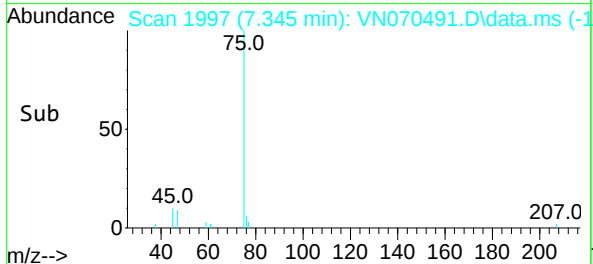
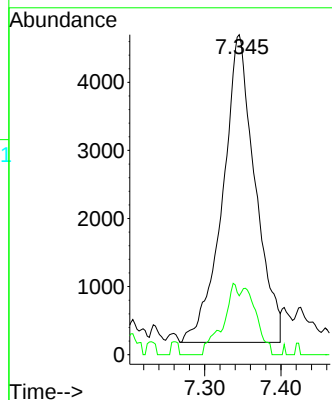
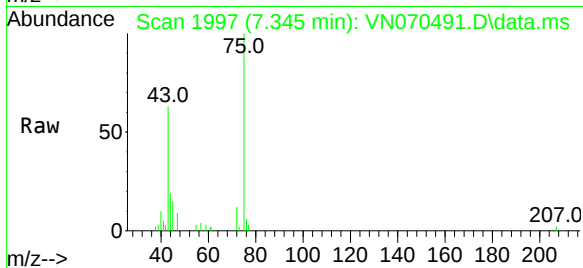
ClientSampleId :

Tgt Ion: 43 Resp: 13346

Ion Ratio Lower Upper

43 100

72 19.2 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.744 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.014 min

Lab File: VN070491.D

Acq: 5 Jan 2022 15:56

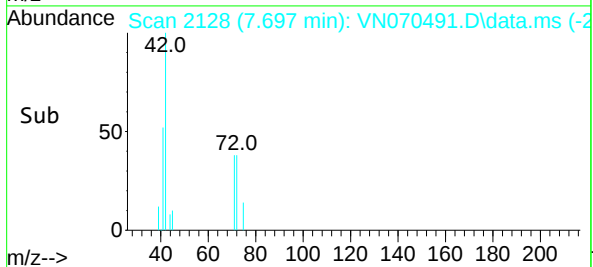
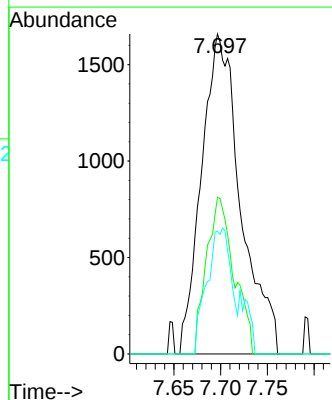
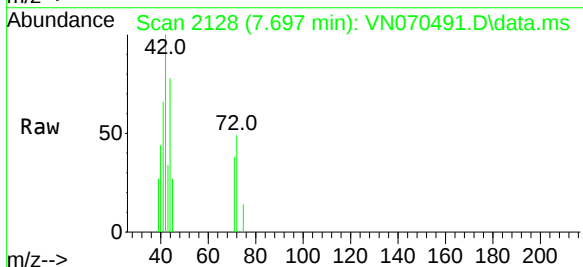
Tgt Ion: 42 Resp: 4829

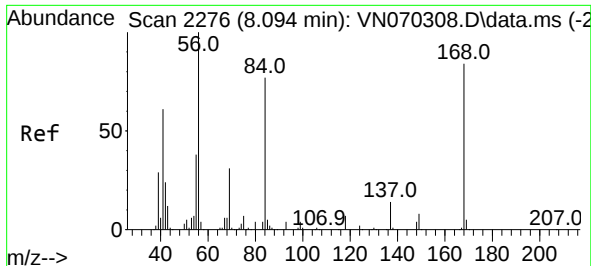
Ion Ratio Lower Upper

42 100

72 34.5 36.3 54.5#

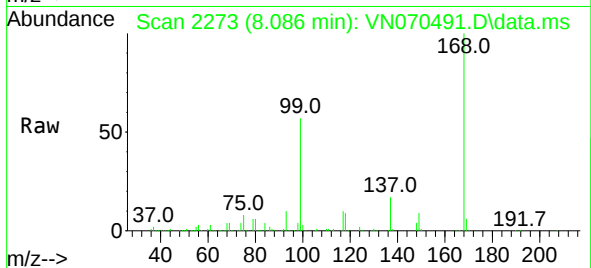
71 24.4 34.7 52.1#



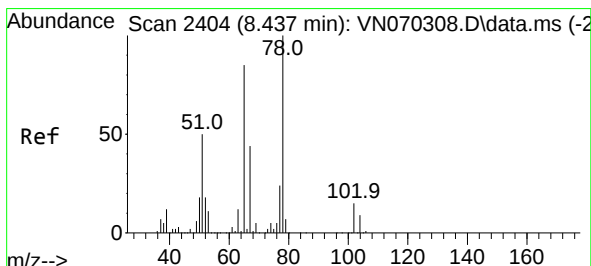
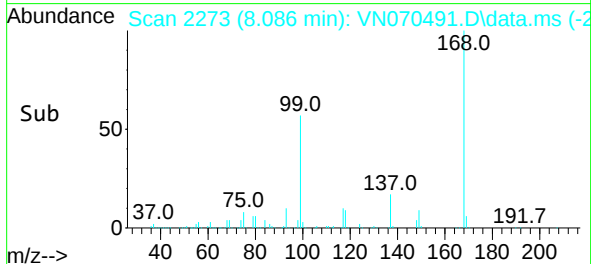
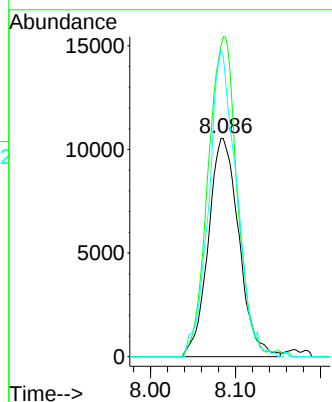


#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :

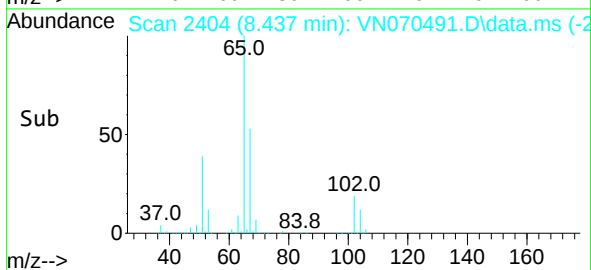
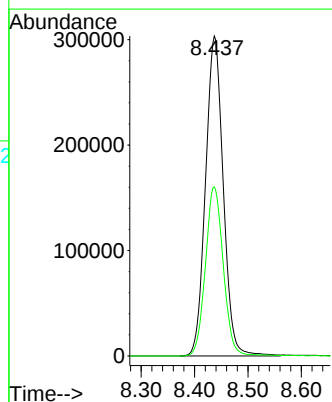
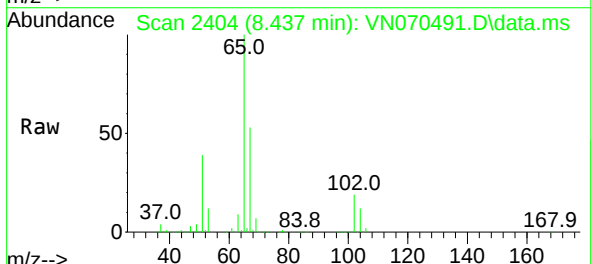


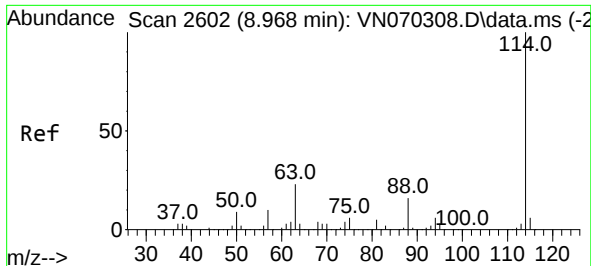
Tgt Ion: 56 Resp: 26262
Ion Ratio Lower Upper
56 100
69 146.6 27.1 40.7#
84 138.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.535 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Tgt Ion: 65 Resp: 698857
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

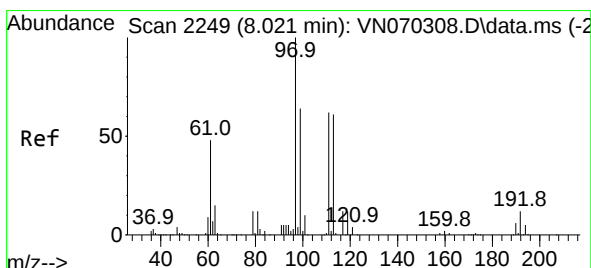
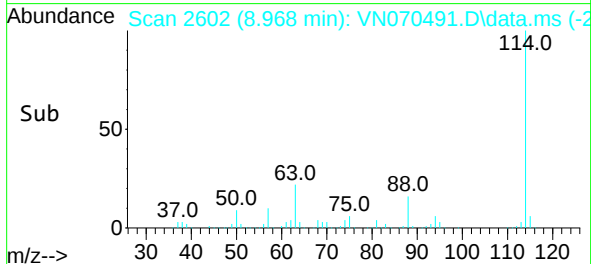
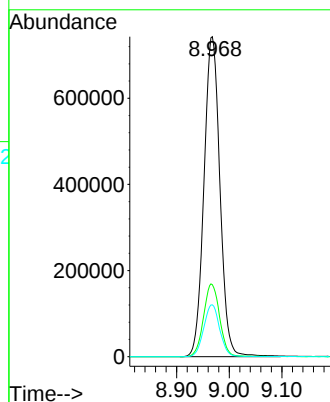
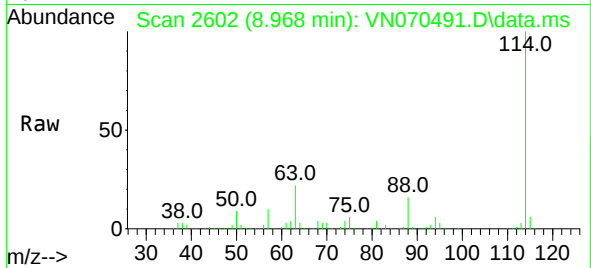




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

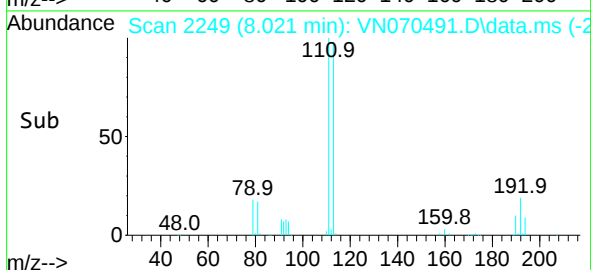
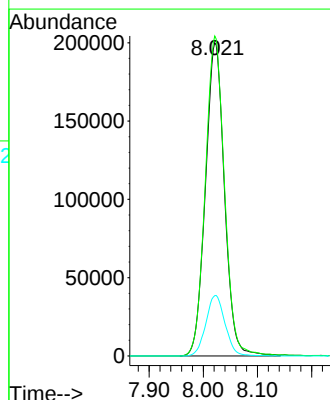
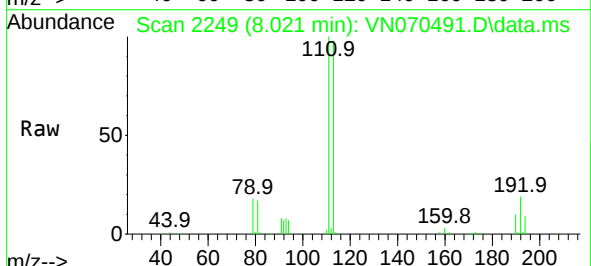
Instrument :
MSVOA_N
ClientSampleId :

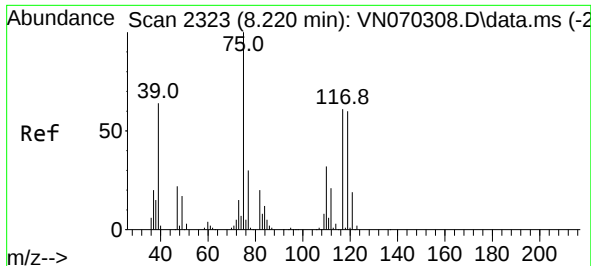
Tgt Ion:114 Resp: 1564124
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.598 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

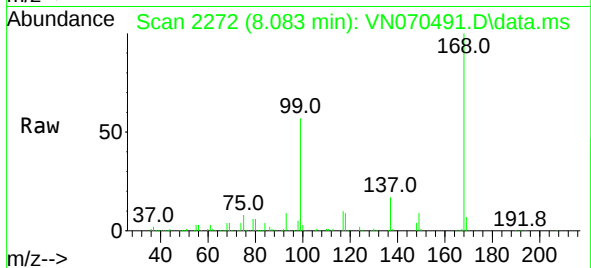
Tgt Ion:113 Resp: 488309
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.5 16.9 25.3



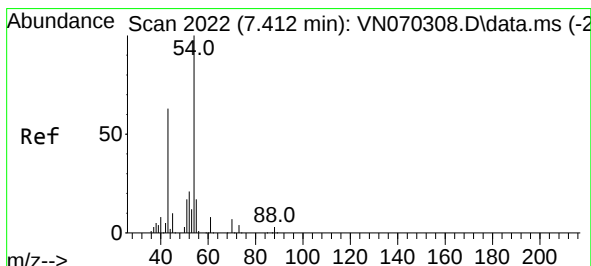
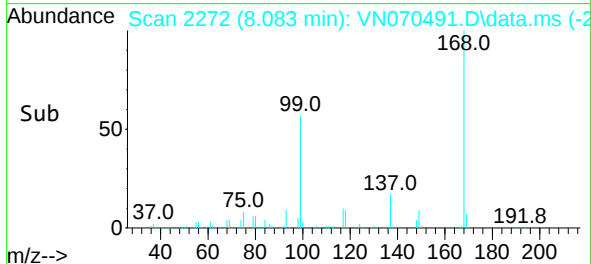
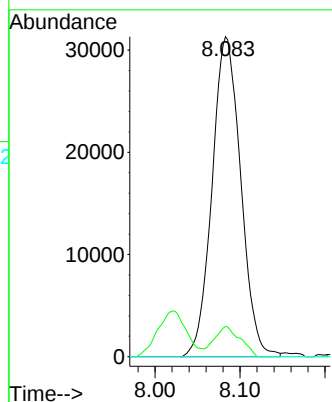


#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :

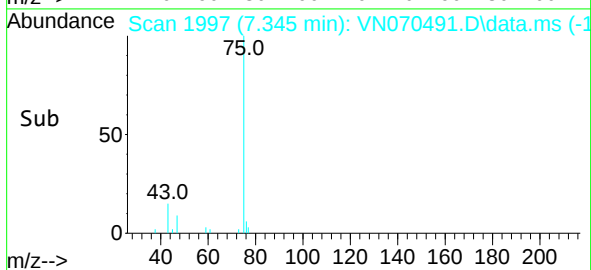
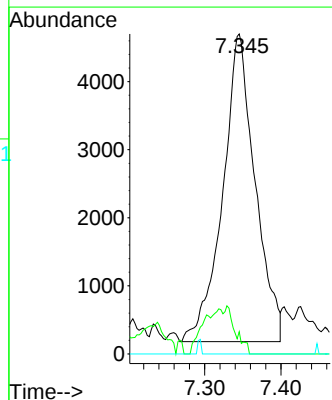
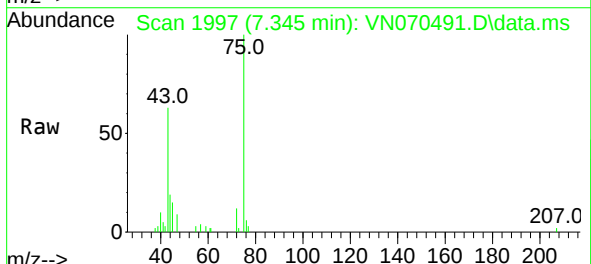


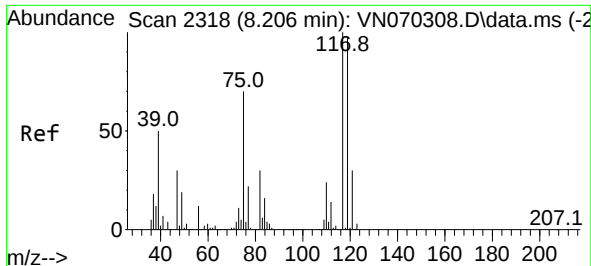
Tgt Ion: 75 Resp: 73281
Ion Ratio Lower Upper
75 100
110 8.5 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.658 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.067 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

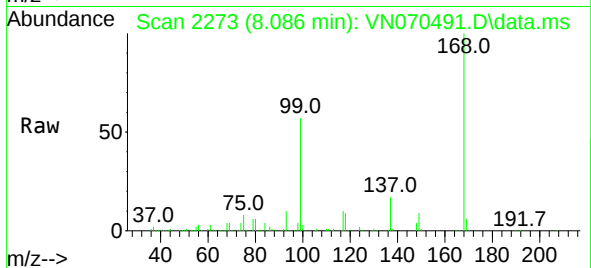
Tgt Ion: 43 Resp: 13346
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



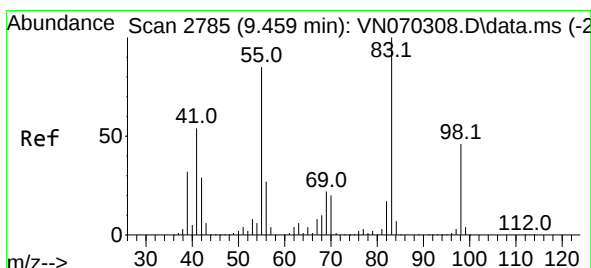
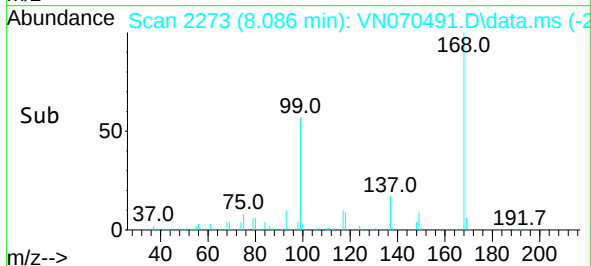
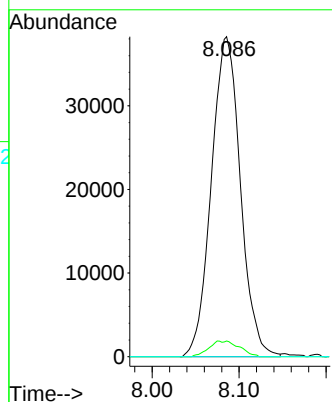


#38
Carbon Tetrachloride
Concen: 5.938 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Instrument :
MSVOA_N
ClientSampleId :

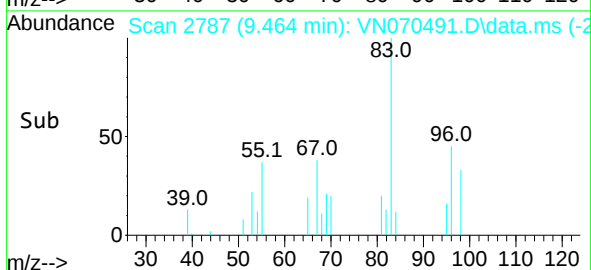
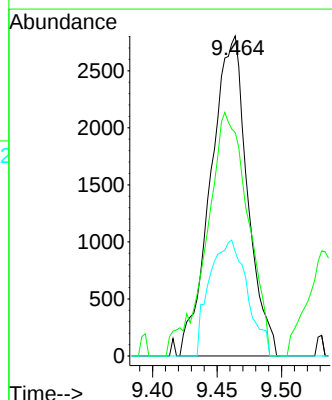
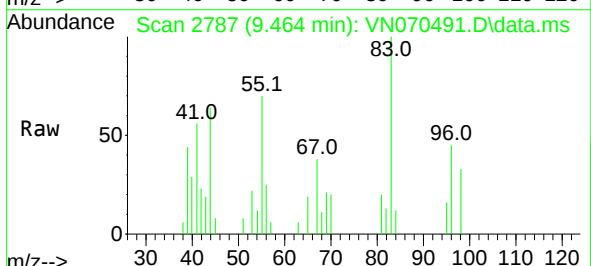


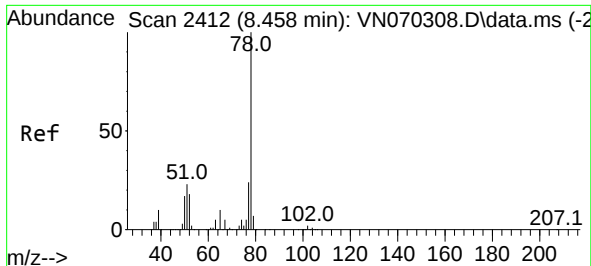
Tgt Ion:117 Resp: 88763
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.293 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.005 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Tgt Ion: 83 Resp: 5546
Ion Ratio Lower Upper
83 100
55 69.8 58.1 87.1
98 32.5 38.4 57.6#





#40

Benzene

Concen: 0.286 ug/l

RT: 8.456 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN070491.D

Acq: 5 Jan 2022 15:56

Instrument :

MSVOA_N

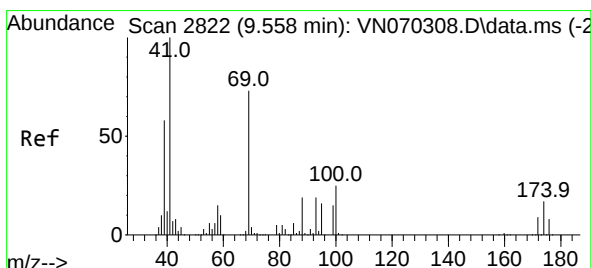
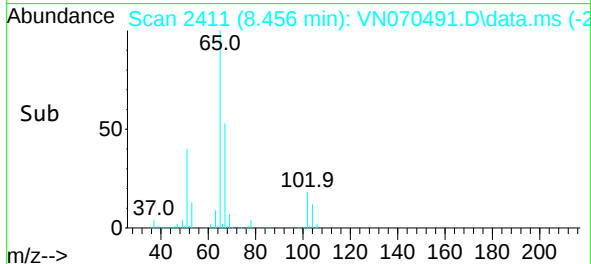
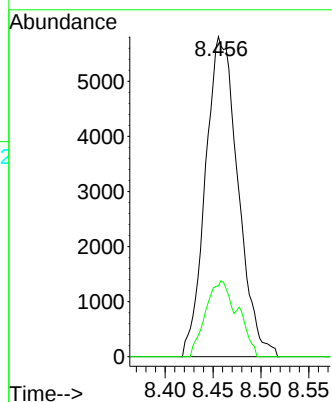
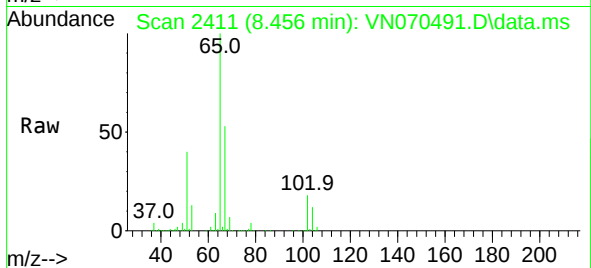
ClientSampleId :

Tgt Ion: 78 Resp: 13735

Ion Ratio Lower Upper

78 100

77 22.1 18.6 27.8



#48

Methyl methacrylate

Concen: 0.572 ug/l

RT: 9.531 min Scan# 2812

Delta R.T. -0.027 min

Lab File: VN070491.D

Acq: 5 Jan 2022 15:56

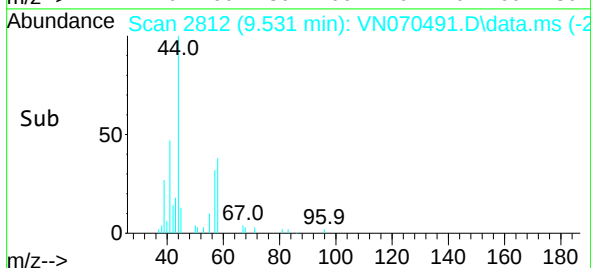
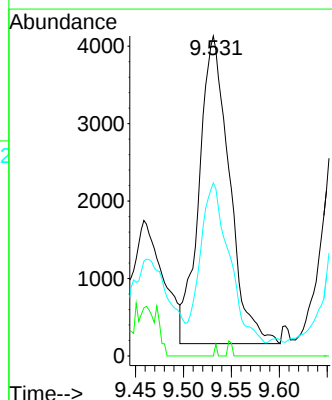
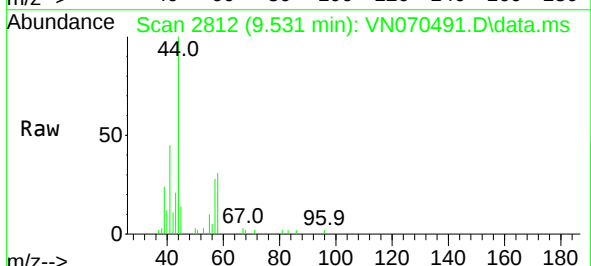
Tgt Ion: 41 Resp: 8723

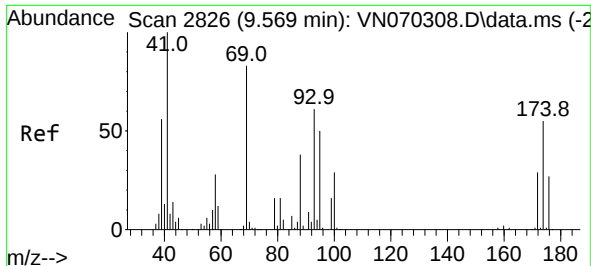
Ion Ratio Lower Upper

41 100

69 0.7 72.4 108.6#

39 49.4 58.4 87.6#





#49

1,4-Dioxane

Concen: 0.425 ug/l

RT: 9.571 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070491.D

Acq: 5 Jan 2022 15:56

Instrument :

MSVOA_N

ClientSampleId :

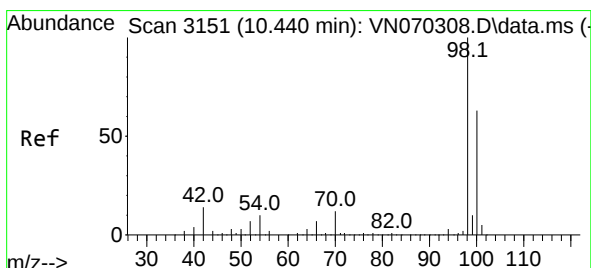
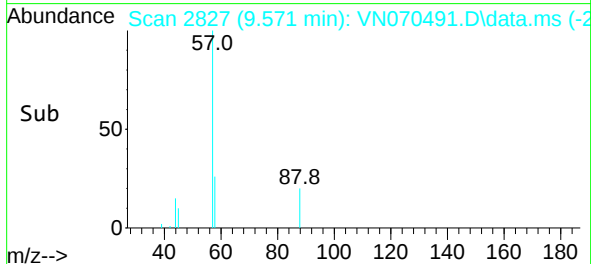
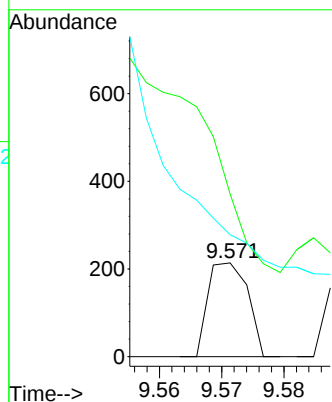
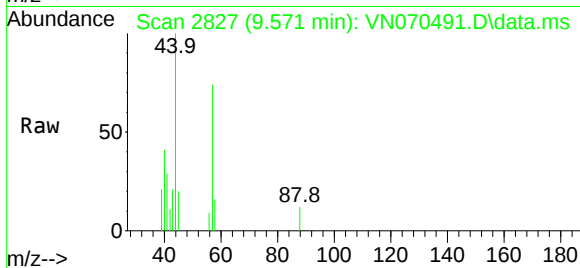
Tgt Ion: 88 Resp: 95

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 50.601 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070491.D

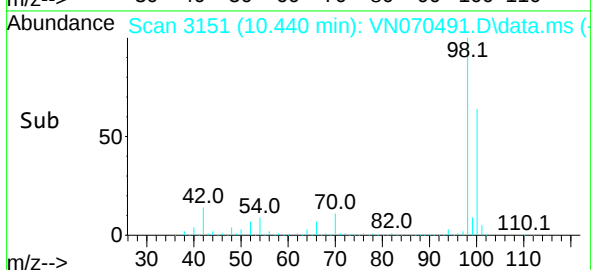
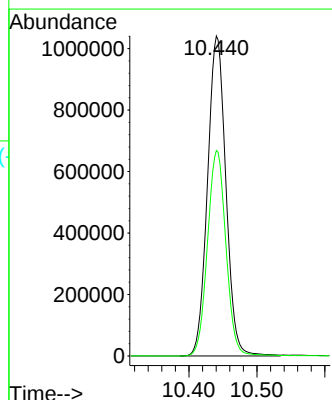
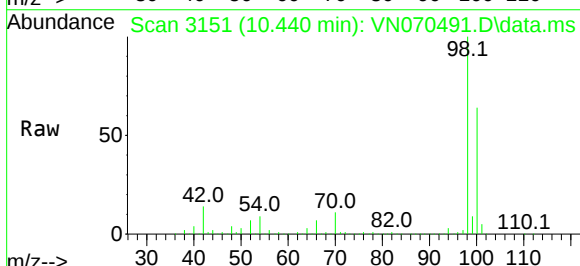
Acq: 5 Jan 2022 15:56

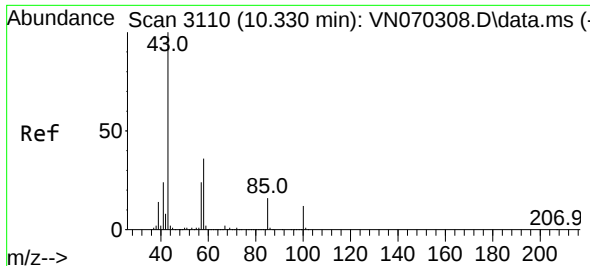
Tgt Ion: 98 Resp: 1956233

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

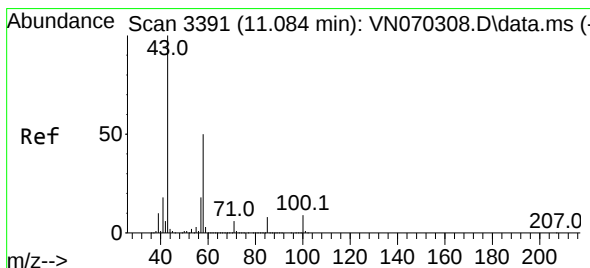
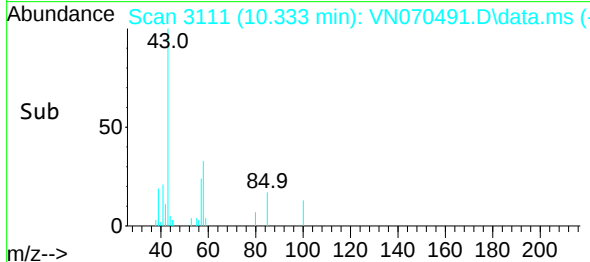
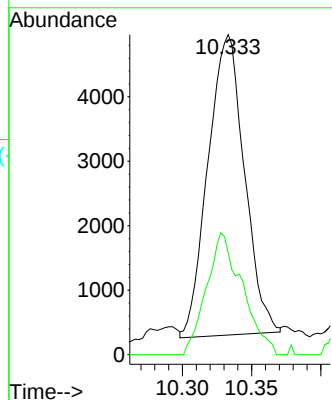
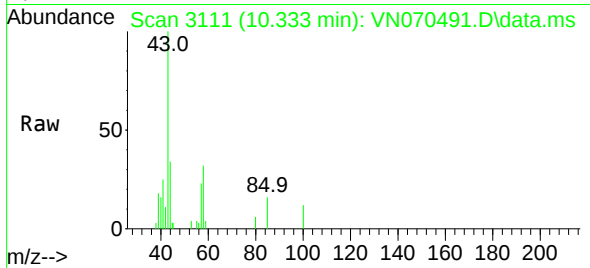




#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

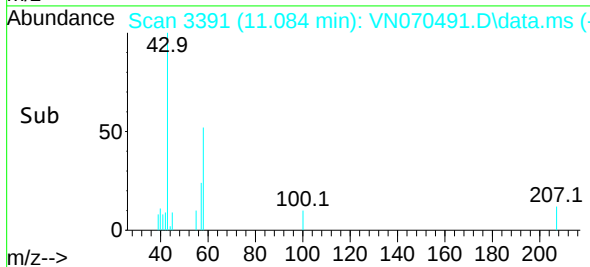
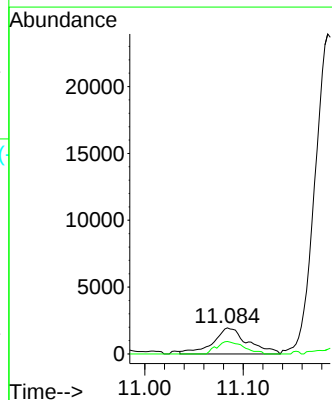
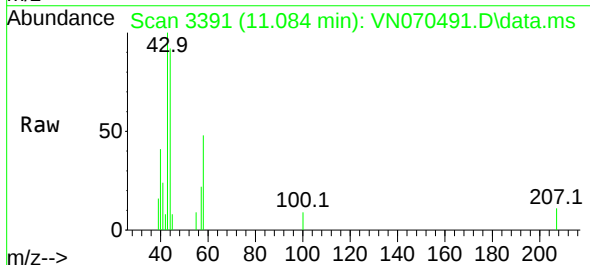
Instrument :
MSVOA_N
ClientSampleId :

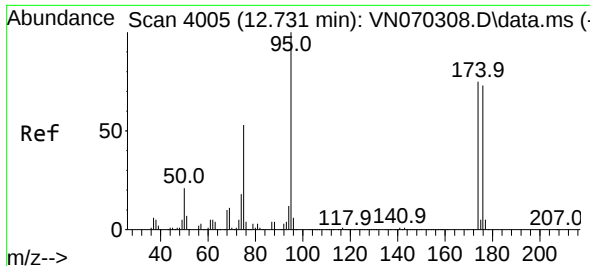
Tgt Ion: 43 Resp: 8519
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#59
2-Hexanone
Concen: 0.326 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

Tgt Ion: 43 Resp: 4780
Ion Ratio Lower Upper
43 100
58 37.3 26.9 80.7

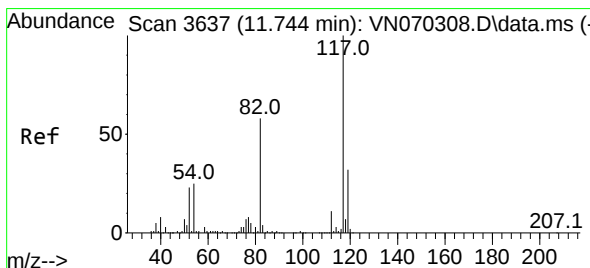
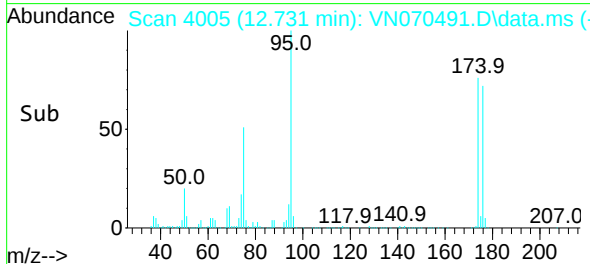
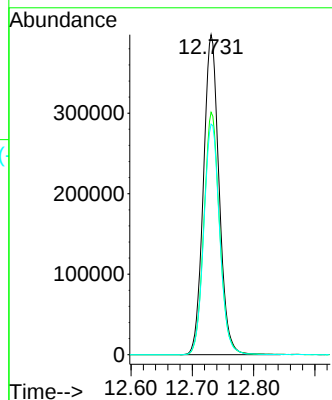
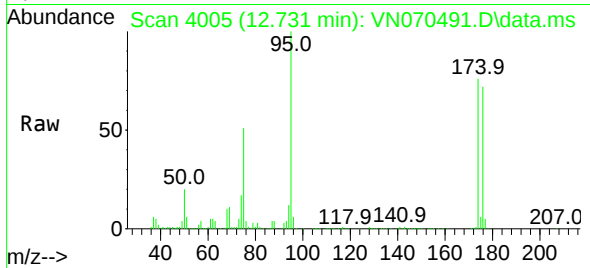




#62
4-Bromofluorobenzene
Concen: 50.474 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

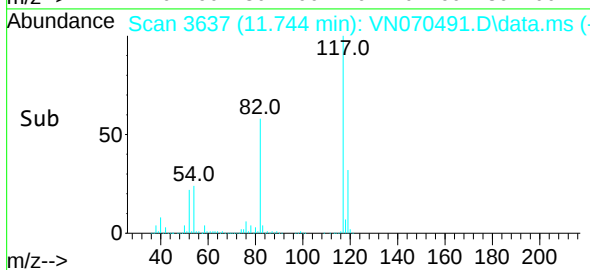
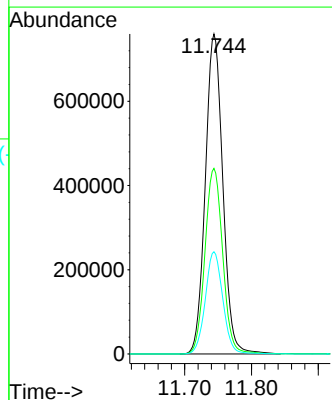
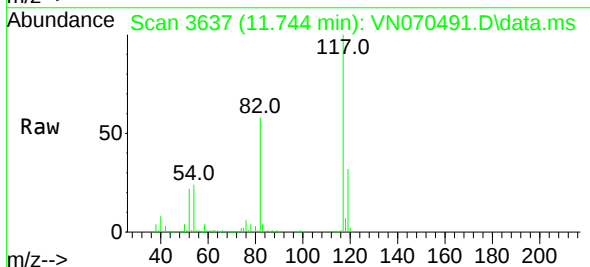
Instrument :
MSVOA_N
ClientSampleId :

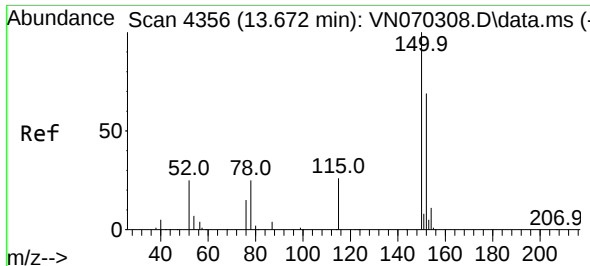
Tgt Ion: 95 Resp: 704789
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

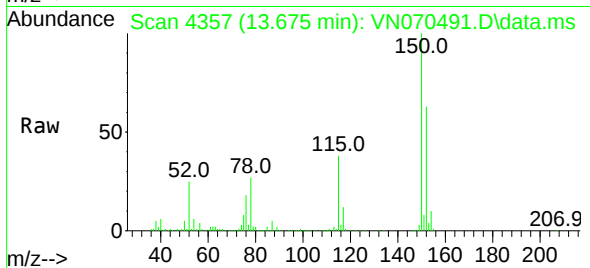
Tgt Ion: 117 Resp: 1383936
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.0 25.4 38.2



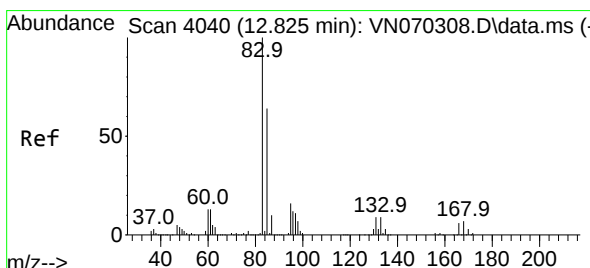
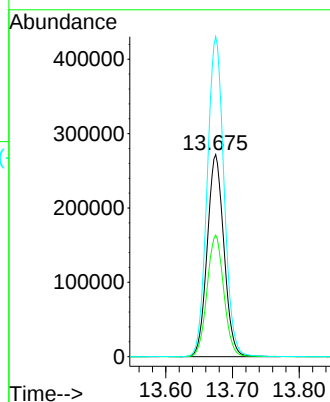
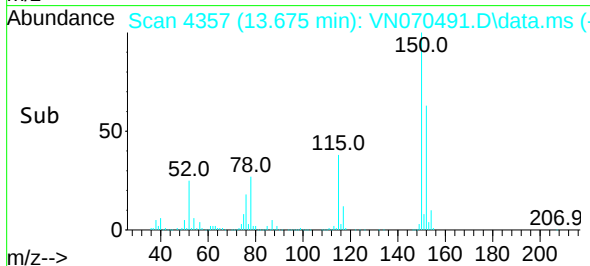


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070491.D
 Acq: 5 Jan 2022 15:56

Instrument :
 MSVOA_N
 ClientSampleId :

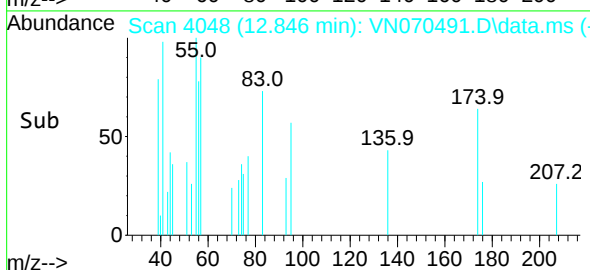
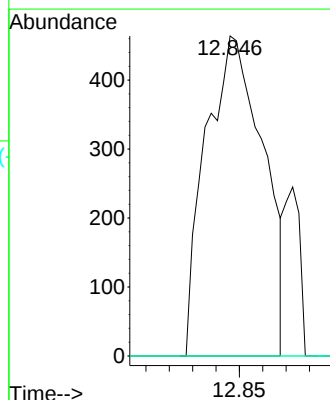
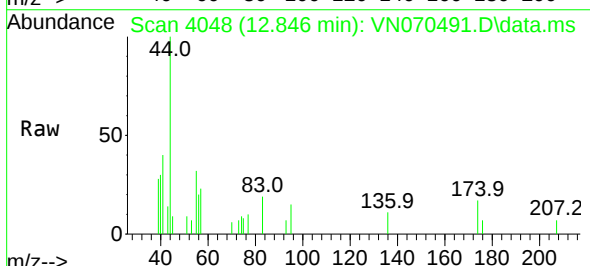


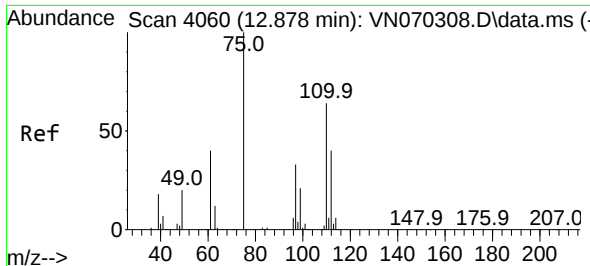
Tgt Ion:152 Resp: 472868
 Ion Ratio Lower Upper
 152 100
 115 60.4 27.5 82.5
 150 159.2 0.0 344.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.496 ug/l
 RT: 12.846 min Scan# 4048
 Delta R.T. 0.021 min
 Lab File: VN070491.D
 Acq: 5 Jan 2022 15:56

Tgt Ion: 83 Resp: 792
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#

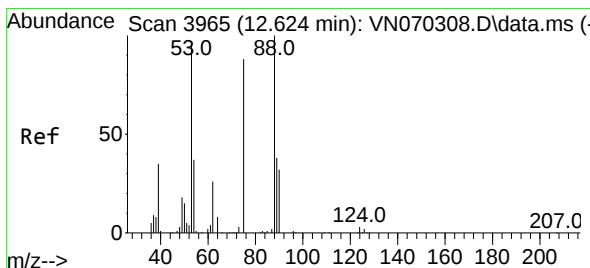
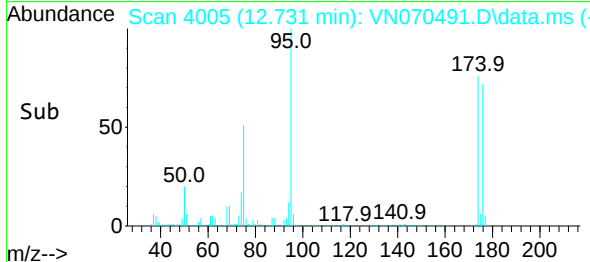
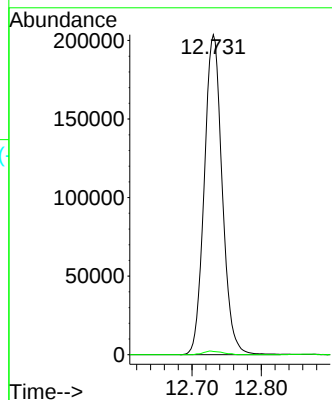
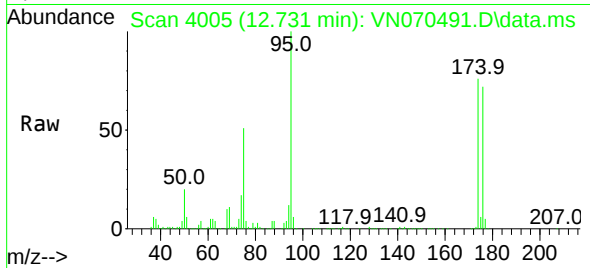




#76
1,2,3-Trichloropropane
Concen: 27.445 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

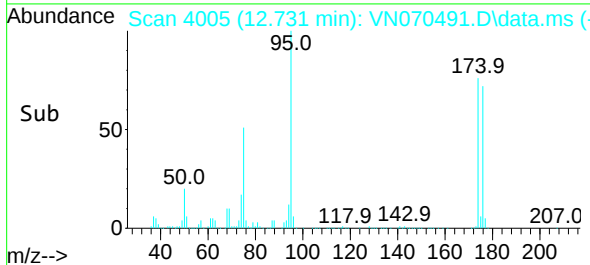
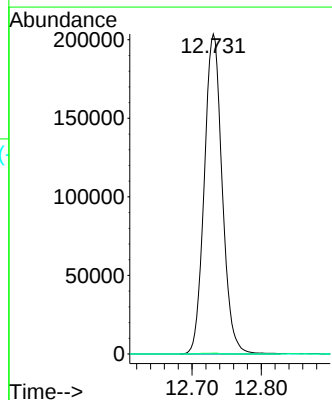
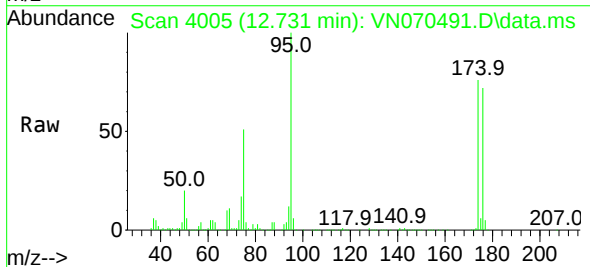
Instrument :
MSVOA_N
ClientSampleId :

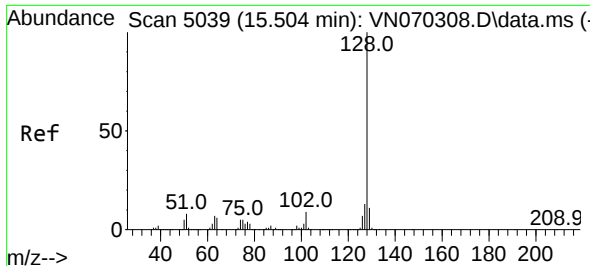
Tgt Ion: 75 Resp: 365949
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.552 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

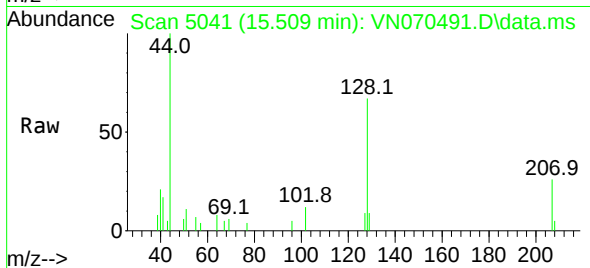
Tgt Ion: 75 Resp: 365949
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



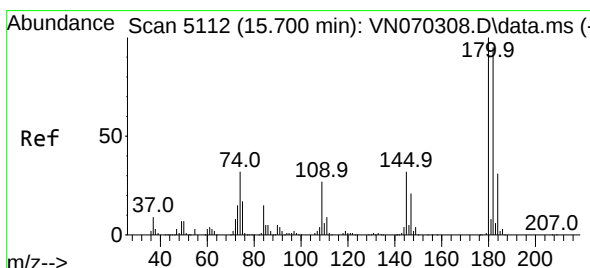
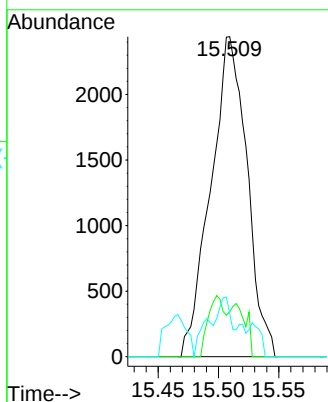
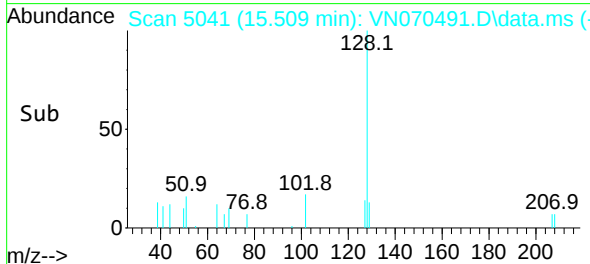


#95
Naphthalene
Concen: 2.025 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56

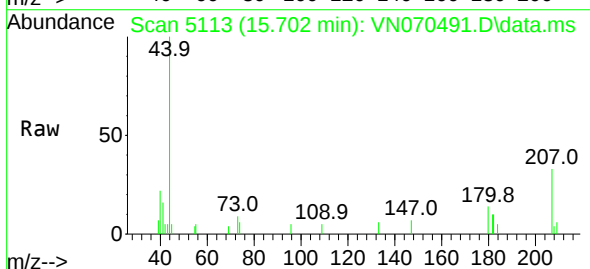
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 5095
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 3.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.949 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070491.D
Acq: 5 Jan 2022 15:56



Tgt Ion:180 Resp: 930
Ion Ratio Lower Upper
180 100
182 122.2 47.4 142.2
145 9.0 15.0 45.1#

