

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070846.D
 Acq On : 31 Jan 2022 11:54
 Operator : JC/MD
 Sample : VN0131MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

Quant Time: Jan 31 16:41:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	764104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1207010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1042125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	374629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	514101	46.946	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.900%		
35) Dibromofluoromethane	8.019	113	353431	47.205	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.420%		
50) Toluene-d8	10.440	98	1466049	46.480	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.960%		
62) 4-Bromofluorobenzene	12.731	95	473975	42.170	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.340%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.888	94	3064	0.479	ug/l	94
10) Methyl Iodide	4.441	142	2427	0.222	ug/l #	57
11) Tert butyl alcohol	5.329	59	2158	1.092	ug/l #	71
13) Acrolein	4.036	56	918	0.324	ug/l #	82
16) Acetone	4.296	43	8271	1.088	ug/l	97
18) Methyl Acetate	4.867	43	11949	0.799	ug/l #	60
25) 2-Butanone	7.343	43	3605	0.377	ug/l #	83
30) Chloroform	7.817	83	978	Below Cal	#	72
31) Cyclohexane	8.083	56	17602	0.913	ug/l #	9
36) 1,1-Dichloropropene	8.080	75	63330	5.024	ug/l #	49
38) Carbon Tetrachloride	8.083	117	77369	6.900	ug/l #	16
49) 1,4-Dioxane	9.574	88	240	1.312	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	6926	0.425	ug/l	95
53) t-1,3-Dichloropropene	10.714	75	569	2.439	ug/l #	38
56) Ethyl methacrylate	10.760	69	1718	2.396	ug/l #	71
58) 2-Chloroethyl Vinyl ether	10.054	63	59	21.249	ug/l #	45
59) 2-Hexanone	11.089	43	17749	1.498	ug/l	97
74) N-amyl acetate	12.388	43	10519	0.726	ug/l #	91
76) 1,2,3-Trichloropropane	12.728	75	253334	25.496	ug/l #	1
77) Bromobenzene	12.860	156	1939	0.244	ug/l	67
78) n-propylbenzene	12.916	91	8056	0.203	ug/l #	73
81) trans-1,4-Dichloro-2-b...	12.728	75	253334	75.957	ug/l #	5
82) 4-Chlorotoluene	13.104	91	6605	0.282	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	5963	0.216	ug/l	91
86) p-Isopropyltoluene	13.613	119	6087	0.228	ug/l	93
87) 1,3-Dichlorobenzene	13.613	146	5318	0.402	ug/l	96
88) 1,4-Dichlorobenzene	13.613	146	5318	0.404	ug/l	95
89) n-Butylbenzene	13.940	91	12971	0.590	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	5807	0.445	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.597	75	1283	0.632	ug/l	71
93) 1,2,4-Trichlorobenzene	15.263	180	9629	4.721	ug/l	99
94) Hexachlorobutadiene	15.370	225	1306	0.338	ug/l	88
95) Naphthalene	15.504	128	30573	6.367	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	12745	5.018	ug/l	90

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Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

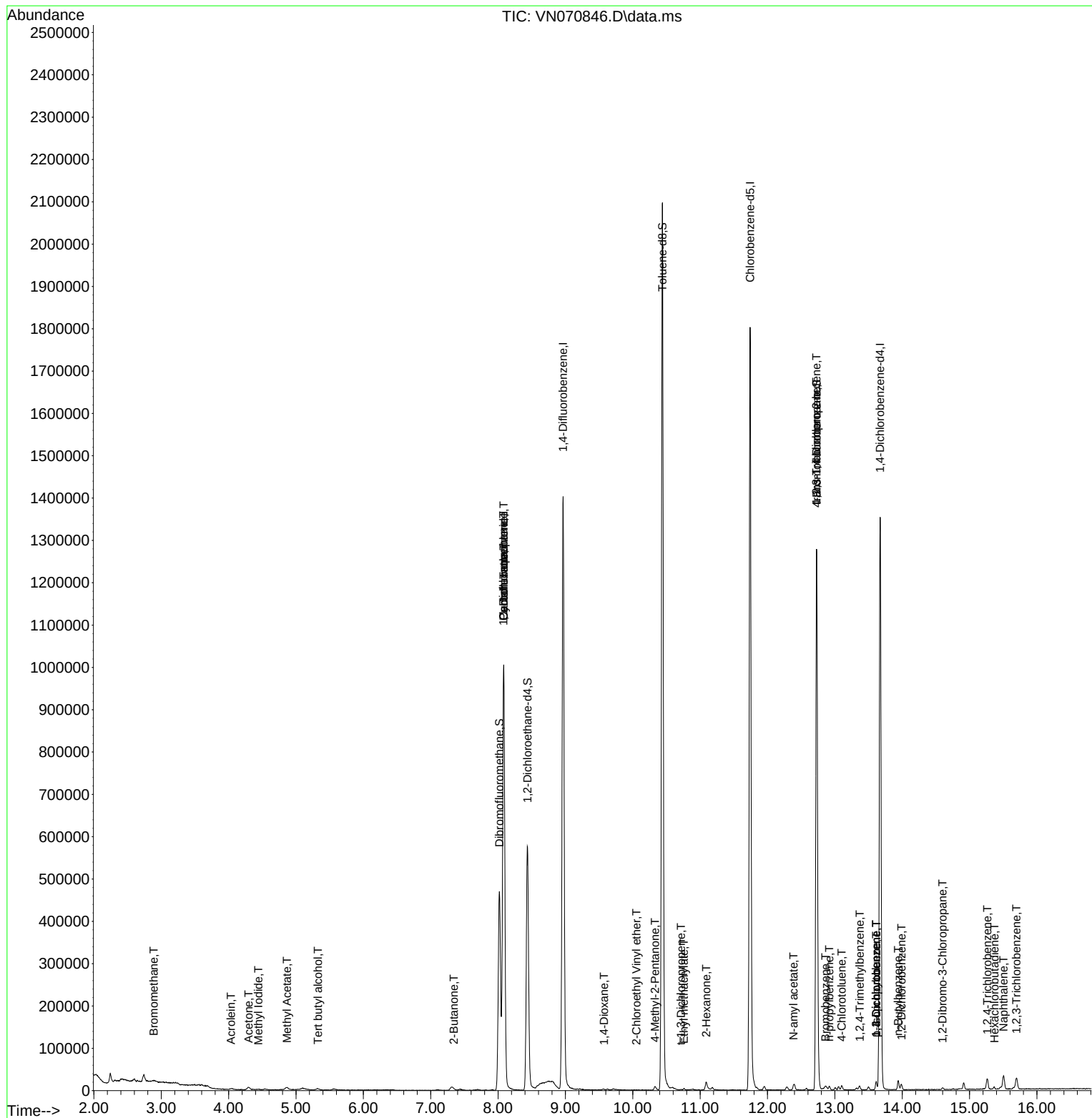
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

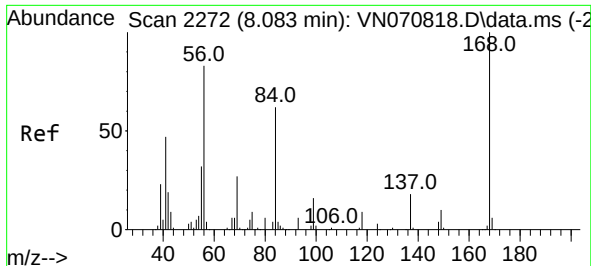
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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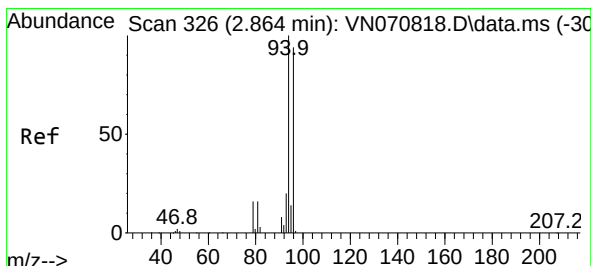
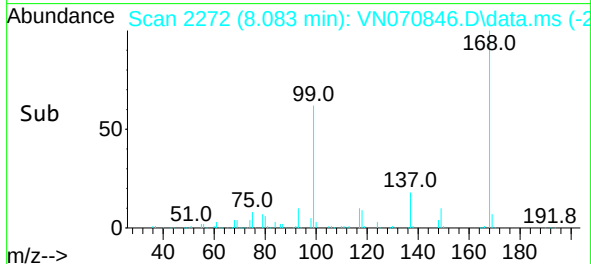
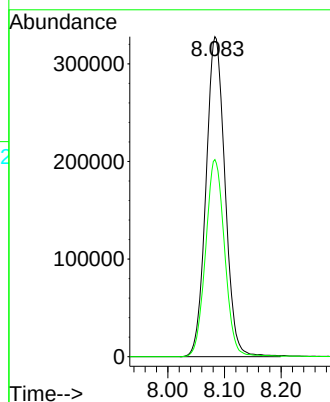
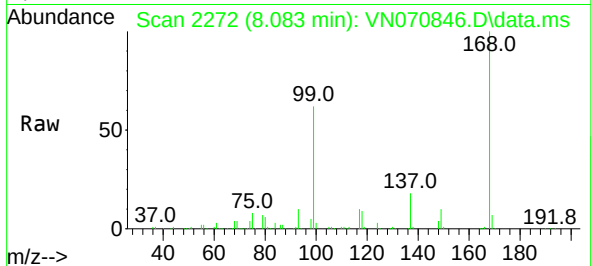




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

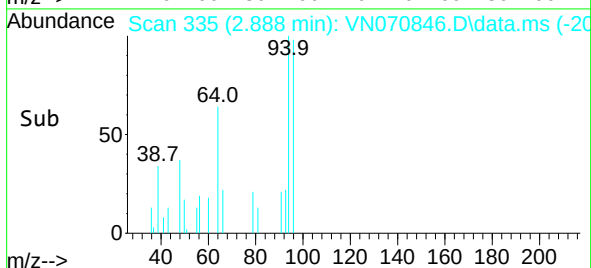
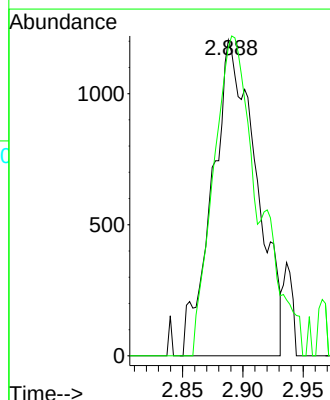
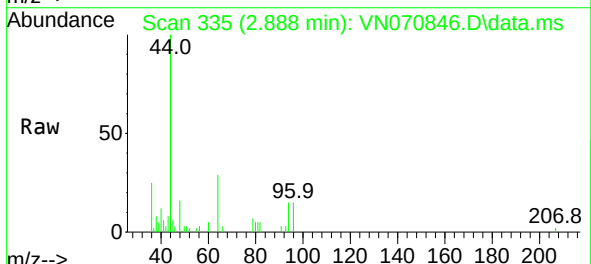
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

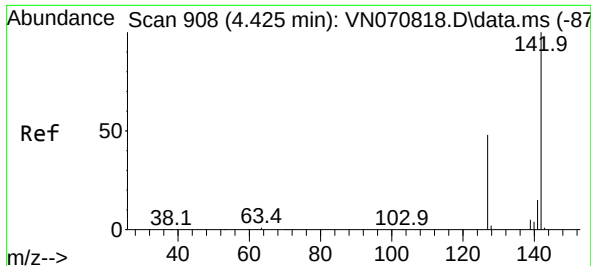
Tgt Ion:168 Resp: 764104
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#5
Bromomethane
Concen: 0.479 ug/l
RT: 2.888 min Scan# 335
Delta R.T. 0.040 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

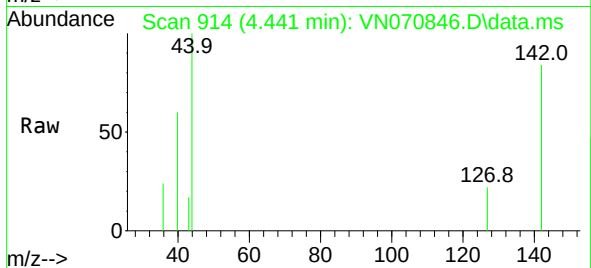
Tgt Ion: 94 Resp: 3064
Ion Ratio Lower Upper
94 100
96 97.8 73.8 110.8



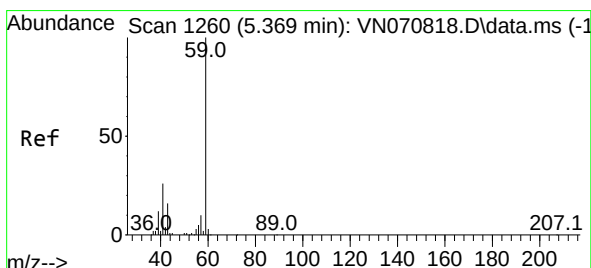
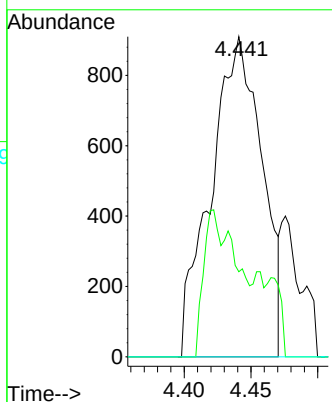
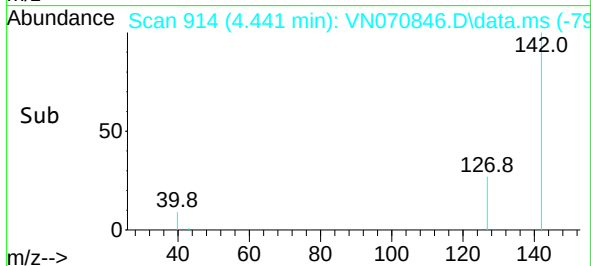


#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 4.441 min Scan# 914
Delta R.T. 0.022 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

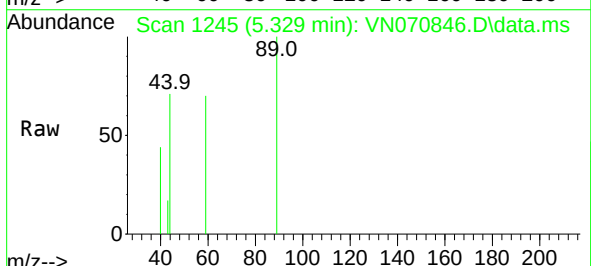
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01



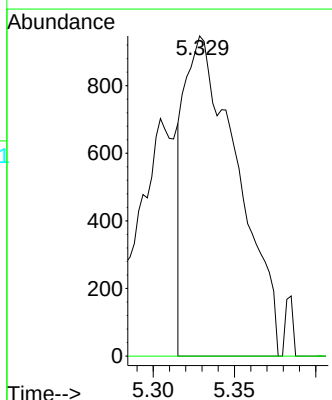
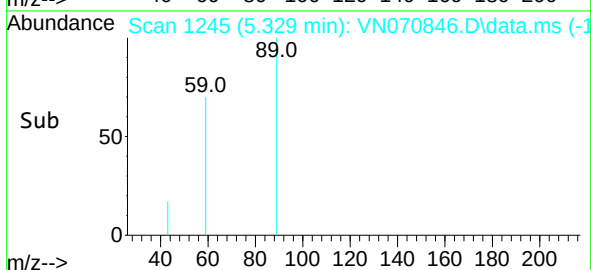
Tgt Ion:142 Resp: 2427
Ion Ratio Lower Upper
142 100
127 14.8 35.4 53.0#
141 0.0 11.6 17.4#

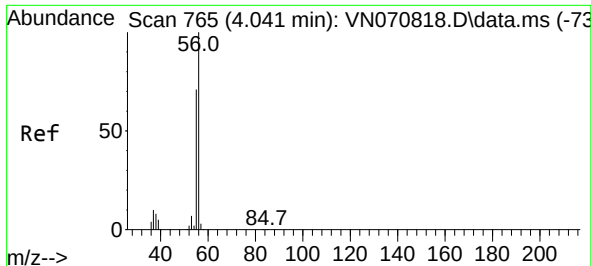


#11
Tert butyl alcohol
Concen: 1.092 ug/l
RT: 5.329 min Scan# 1245
Delta R.T. -0.048 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54



Tgt Ion: 59 Resp: 2158
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 0.324 ug/l

RT: 4.036 min Scan# 7

Delta R.T. -0.003 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

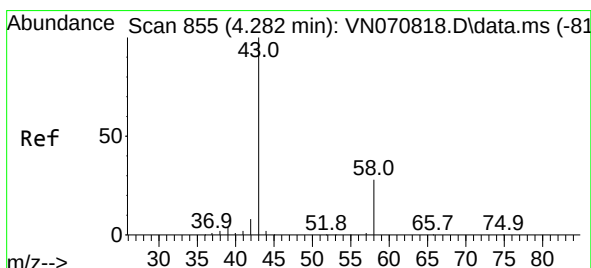
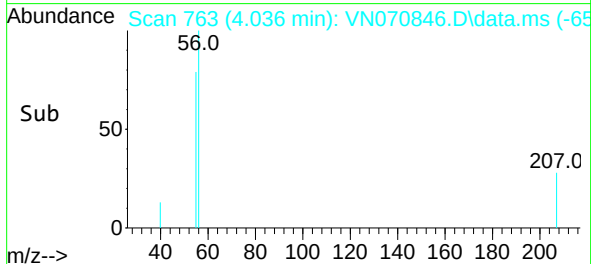
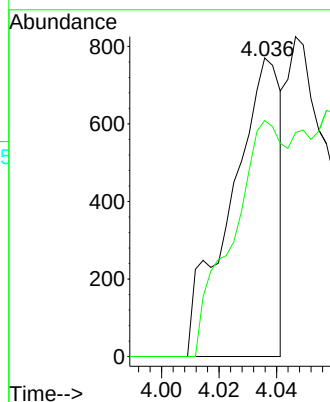
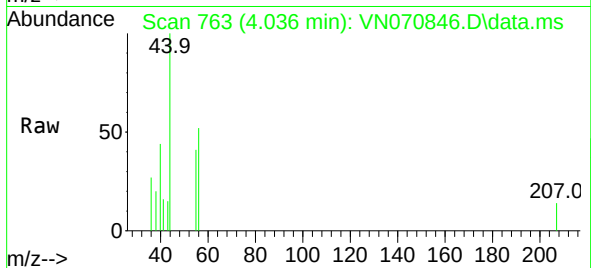
VN0131MBL01

Tgt Ion: 56 Resp: 918

Ion Ratio Lower Upper

56 100

55 86.1 56.6 85.0#



#16

Acetone

Concen: 1.088 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.011 min

Lab File: VN070846.D

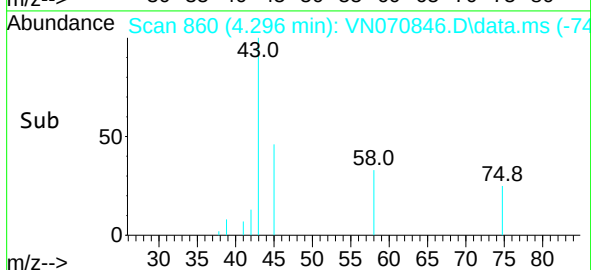
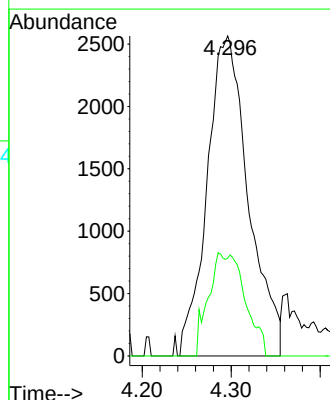
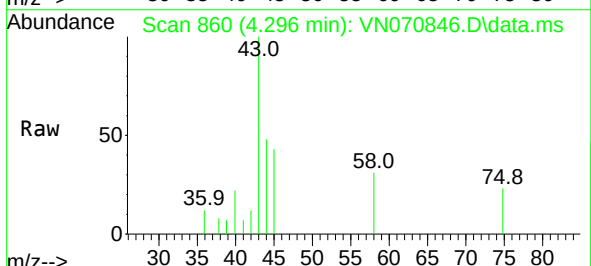
Acq: 31 Jan 2022 11:54

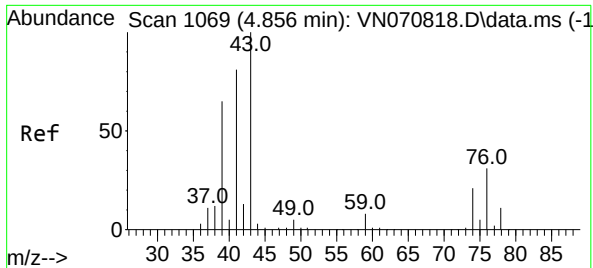
Tgt Ion: 43 Resp: 8271

Ion Ratio Lower Upper

43 100

58 30.5 23.1 34.7





#18

Methyl Acetate

Concen: 0.799 ug/l

RT: 4.867 min Scan# 11949

Delta R.T. 0.013 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

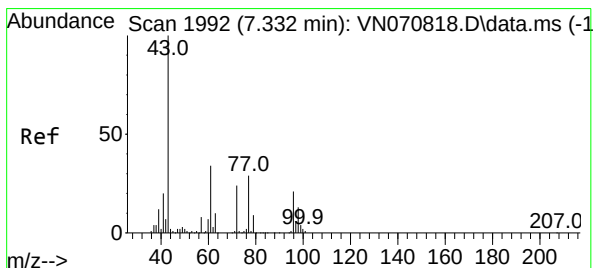
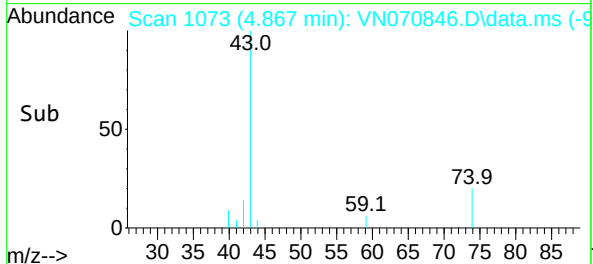
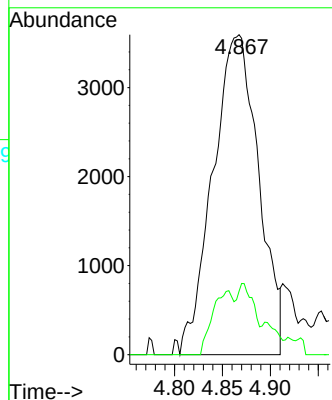
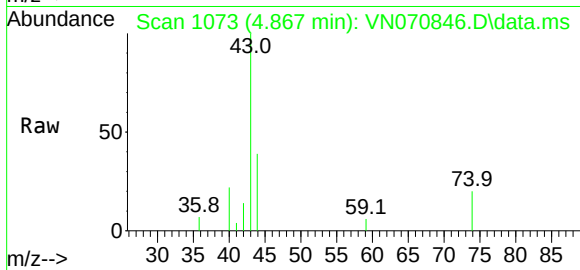
VN0131MBL01

Tgt Ion: 43 Resp: 11949

Ion Ratio Lower Upper

43 100

74 4.5 19.4 29.2#



#25

2-Butanone

Concen: 0.377 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.011 min

Lab File: VN070846.D

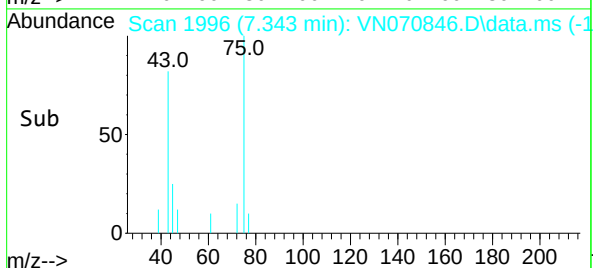
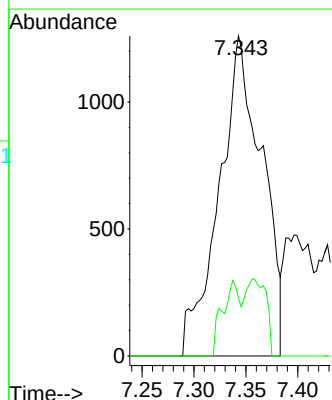
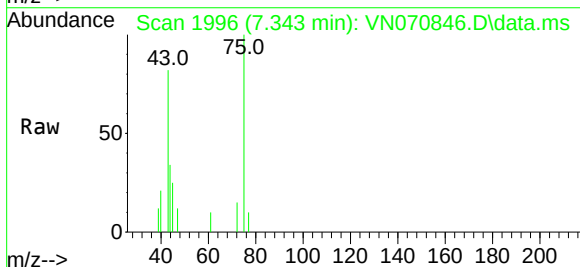
Acq: 31 Jan 2022 11:54

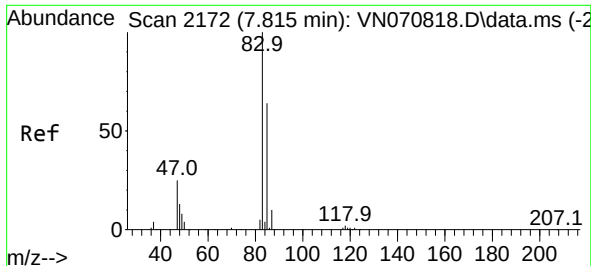
Tgt Ion: 43 Resp: 3605

Ion Ratio Lower Upper

43 100

72 18.1 21.7 32.5#





#30

Chloroform

Concen: Below Cal

RT: 7.817 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN070846.D

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Instrument :

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ClientSampleId :

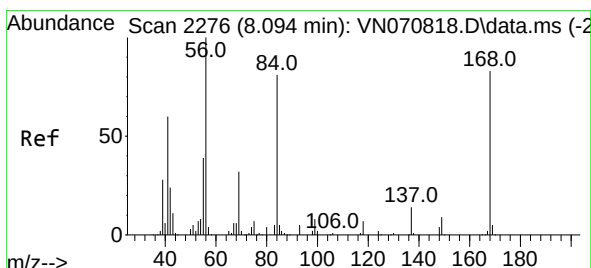
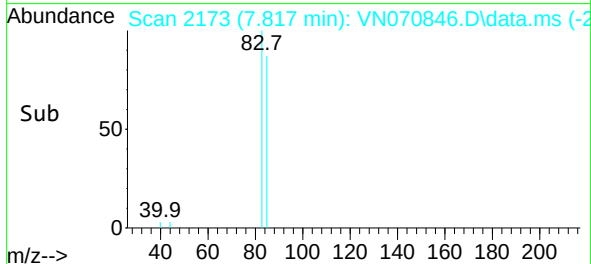
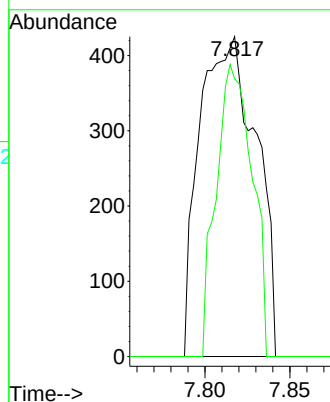
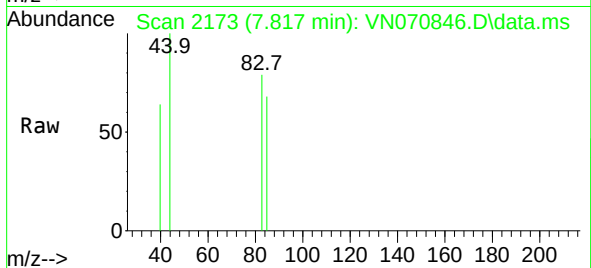
VN0131MBL01

Tgt Ion: 83 Resp: 978

Ion Ratio Lower Upper

83 100

85 86.8 51.9 77.9#



#31

Cyclohexane

Concen: 0.913 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.011 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

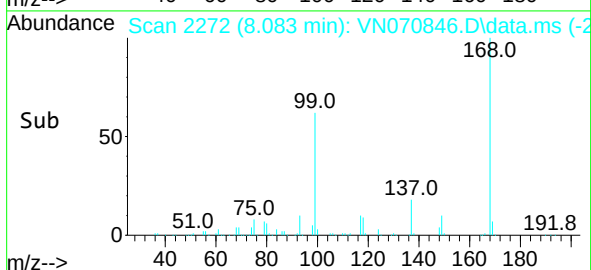
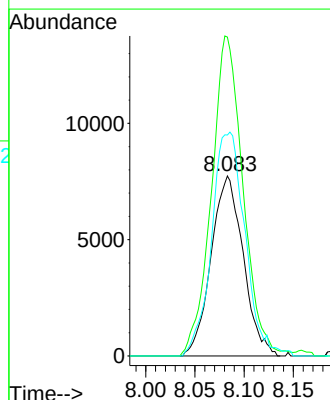
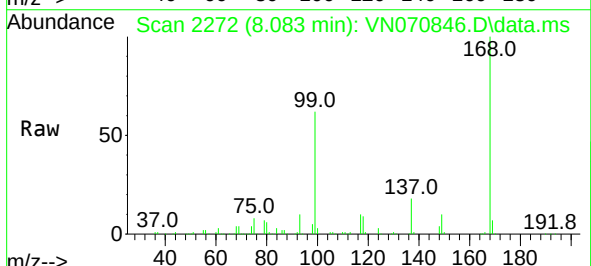
Tgt Ion: 56 Resp: 17602

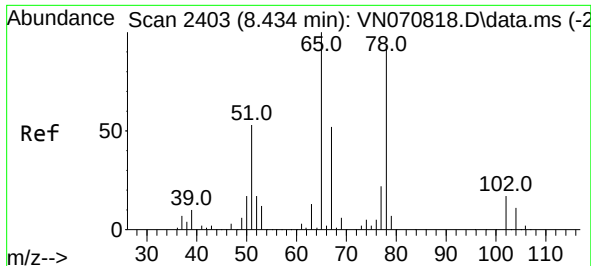
Ion Ratio Lower Upper

56 100

69 177.2 27.1 40.7#

84 122.8 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 46.946 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

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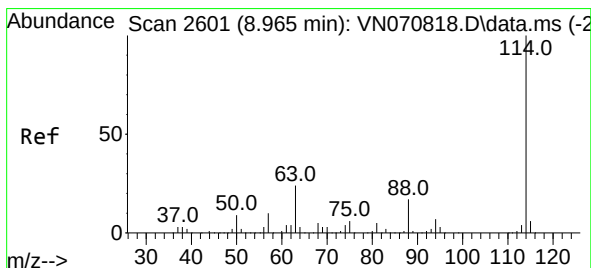
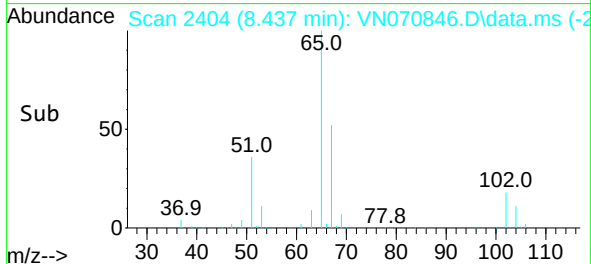
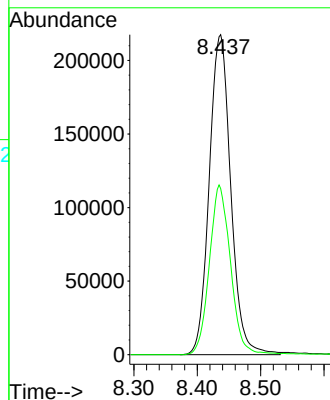
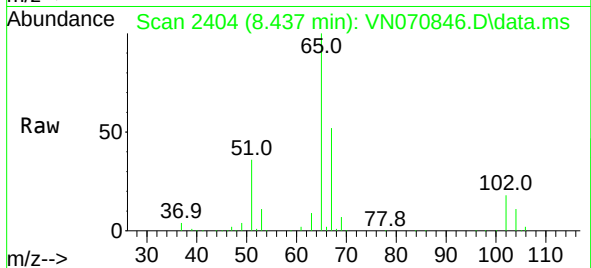
VN0131MBL01

Tgt Ion: 65 Resp: 514101

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

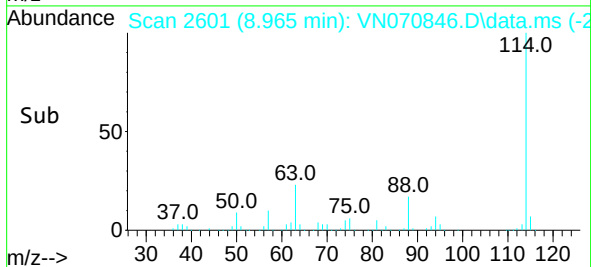
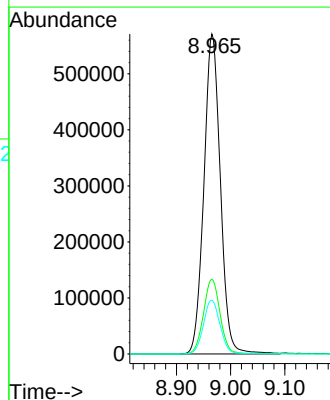
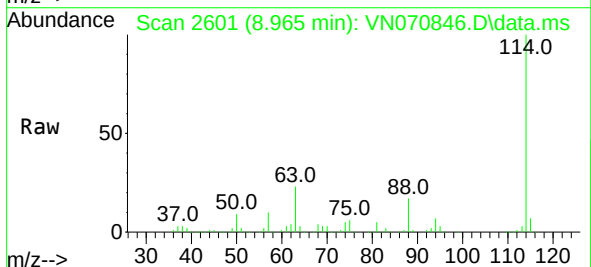
Tgt Ion: 114 Resp: 1207010

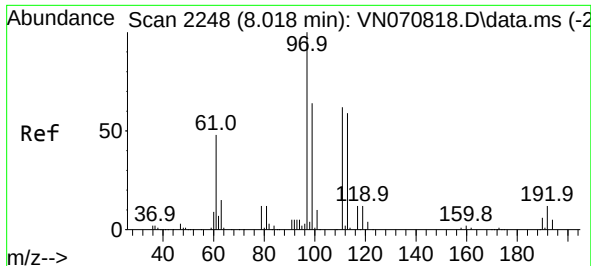
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.8 0.0 27.4





#35

Dibromofluoromethane

Concen: 47.205 ug/l

RT: 8.019 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

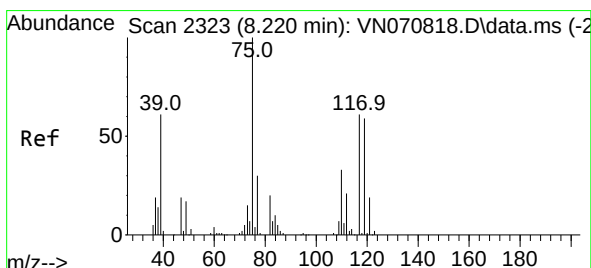
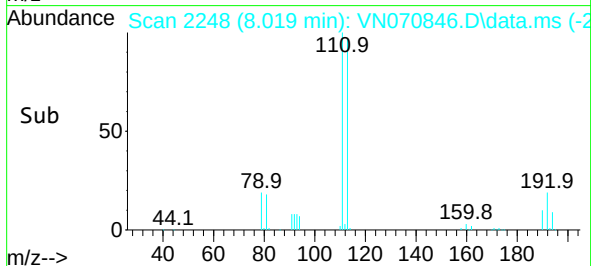
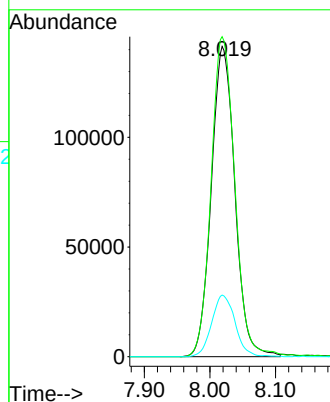
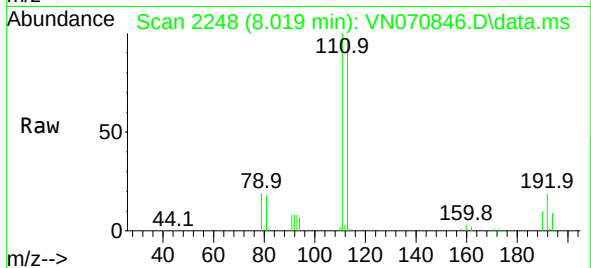
Tgt Ion:113 Resp: 353431

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 19.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.140 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

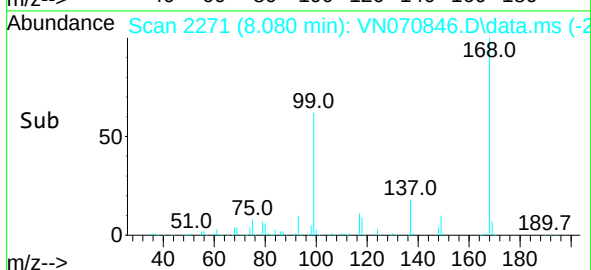
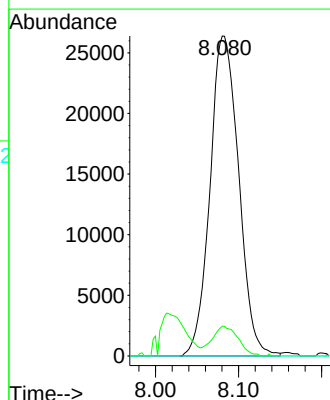
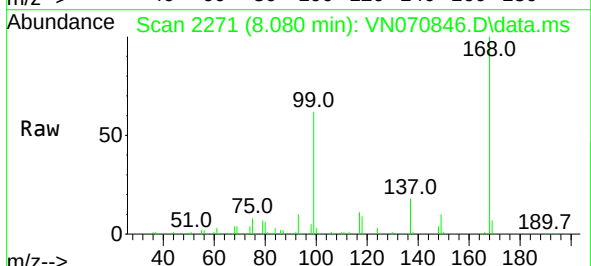
Tgt Ion: 75 Resp: 63330

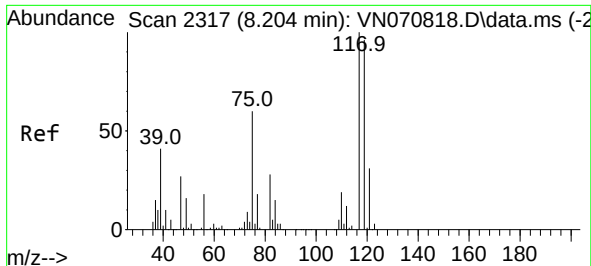
Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

77 0.0 24.4 36.6#

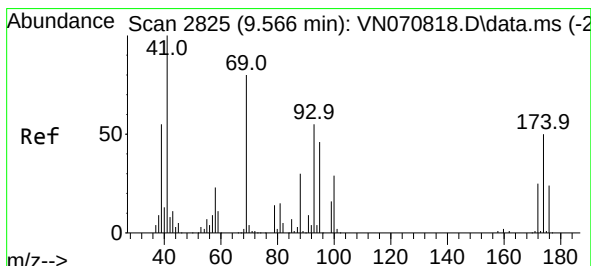
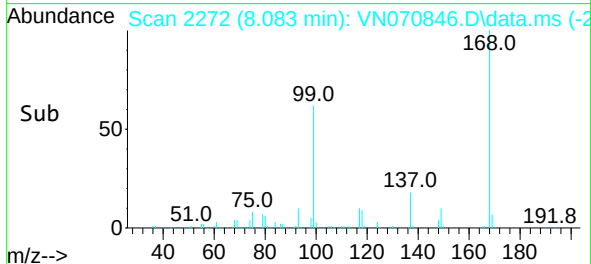
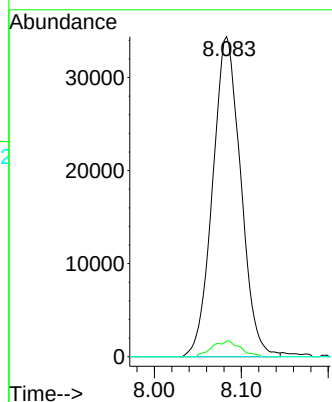
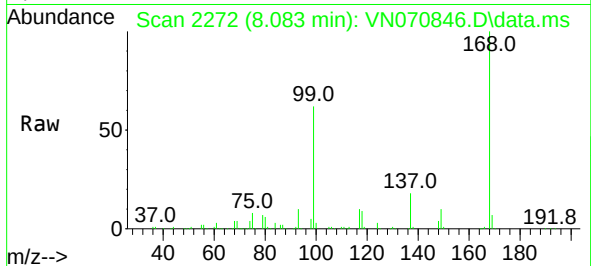




#38
Carbon Tetrachloride
Concen: 6.900 ug/l
RT: 8.083 min Scan# 2117
Delta R.T. -0.123 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

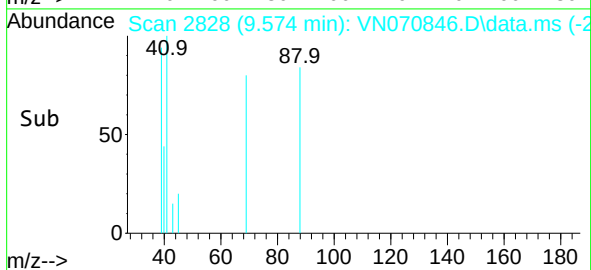
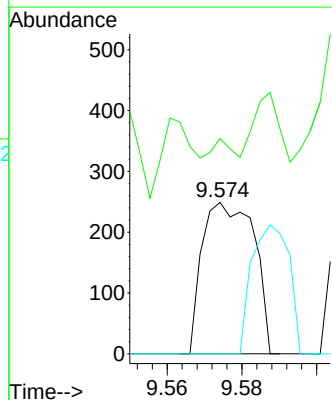
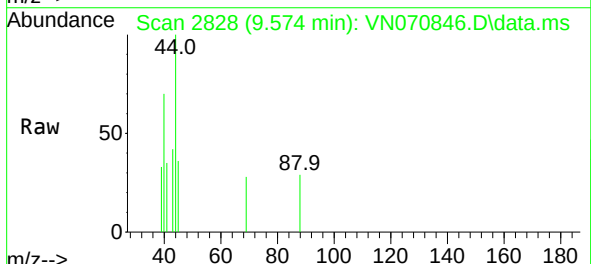
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

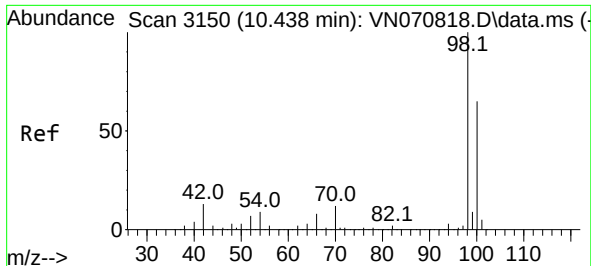
Tgt Ion:117 Resp: 77369
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 1.312 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 88 Resp: 240
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 60.8 50.6 75.8

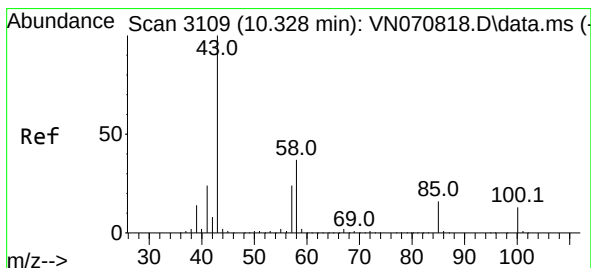
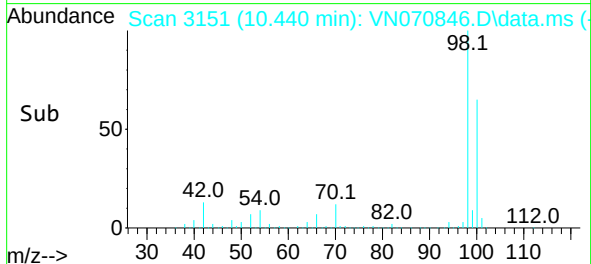
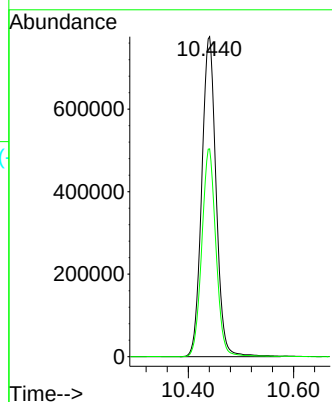
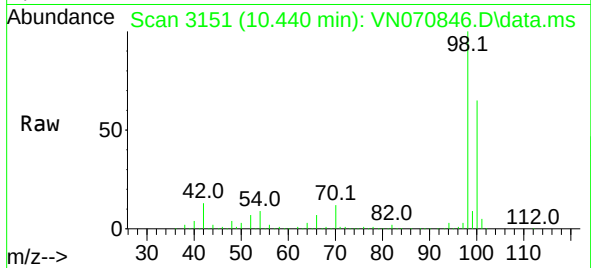




#50
Toluene-d8
Concen: 46.480 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

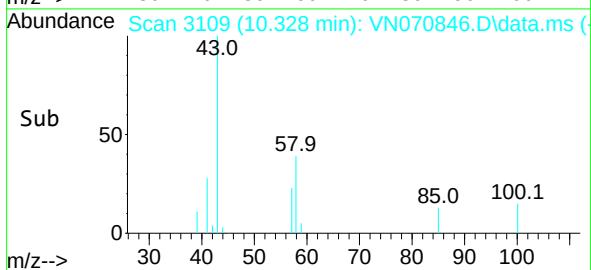
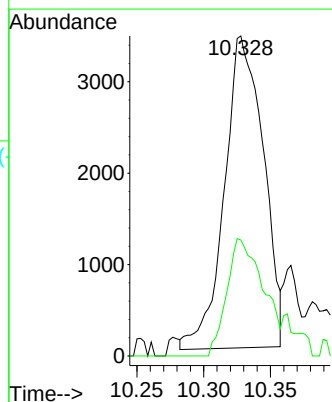
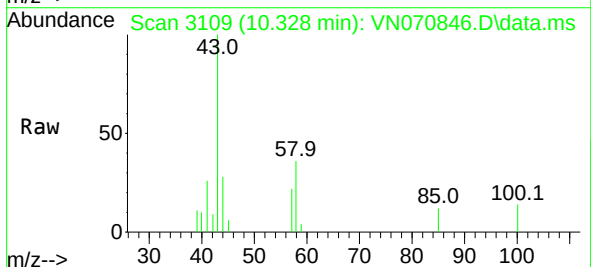
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

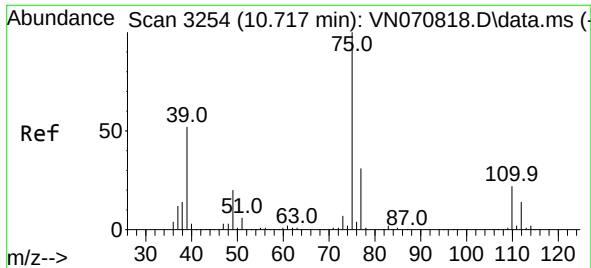
Tgt Ion: 98 Resp: 1466049
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.425 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 43 Resp: 6926
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

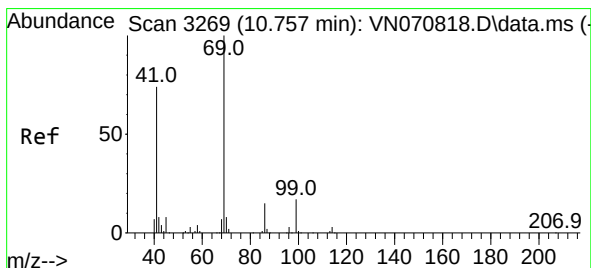
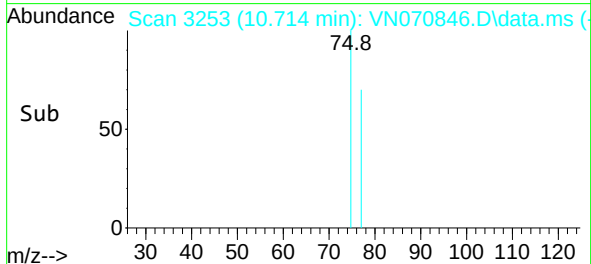
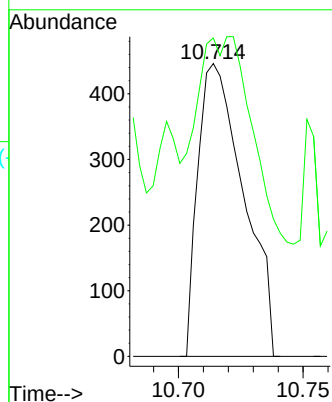
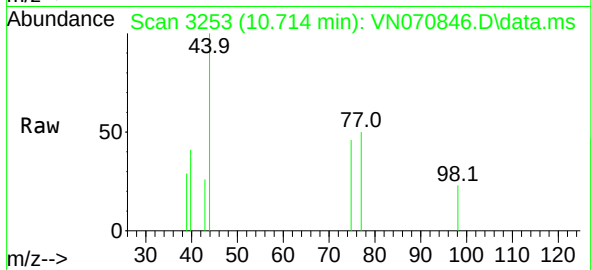




#53
t-1,3-Dichloropropene
Concen: 2.439 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

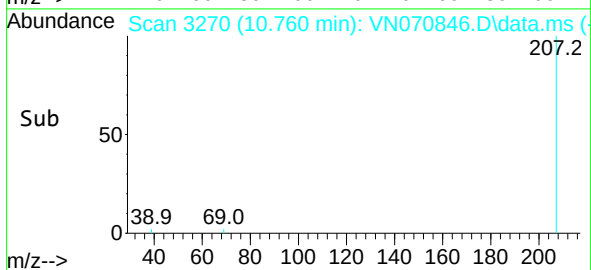
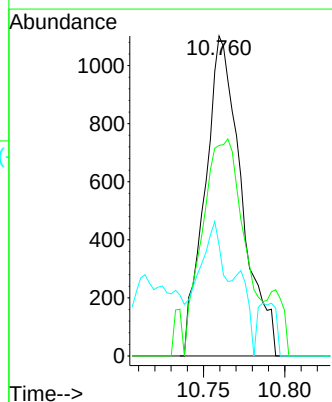
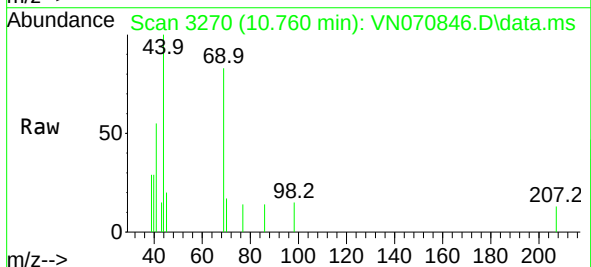
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

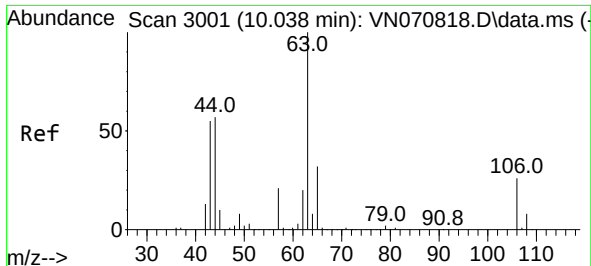
Tgt Ion: 75 Resp: 569
Ion Ratio Lower Upper
75 100
77 66.6 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.396 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 69 Resp: 1718
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 14.3 34.6 52.0#

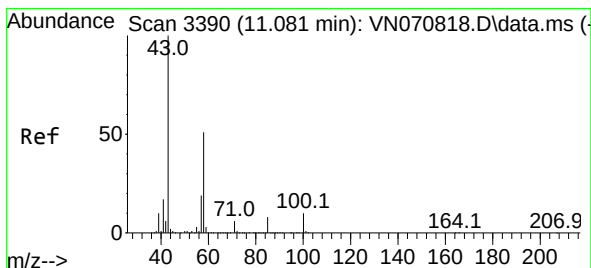
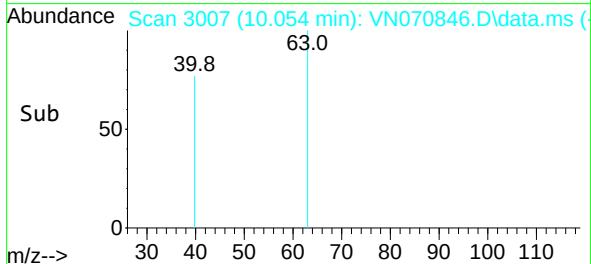
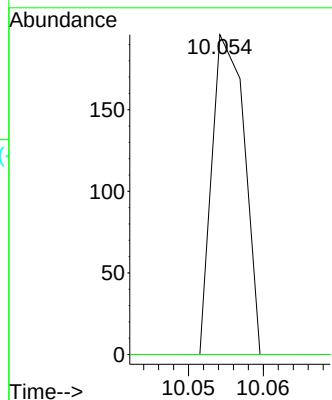
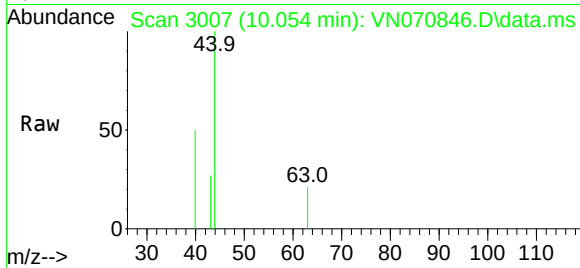




#58
2-Chloroethyl Vinyl ether
Concen: 21.249 ug/l
RT: 10.054 min Scan# 3001
Delta R.T. 0.016 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

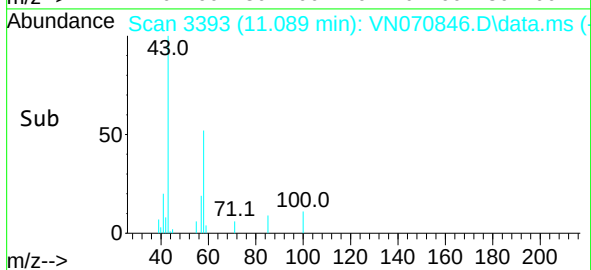
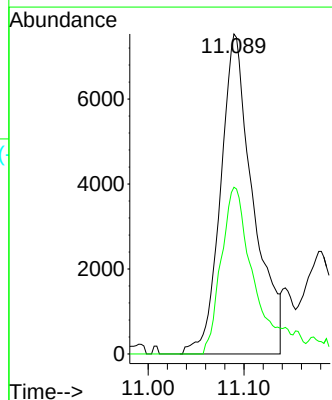
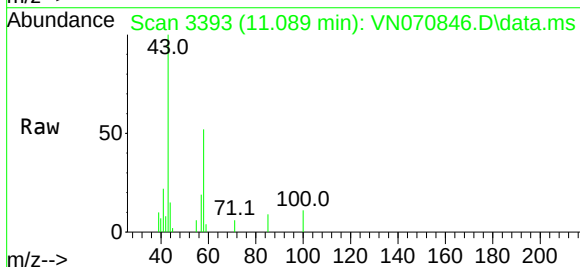
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

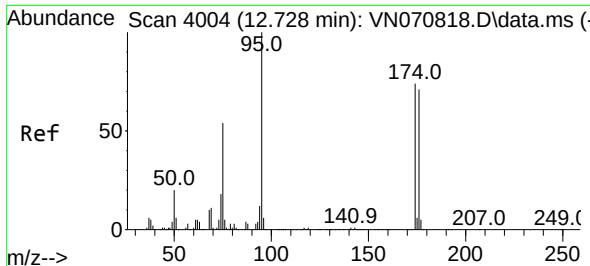
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.498 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 43 Resp: 17749
Ion Ratio Lower Upper
43 100
58 51.9 26.9 80.7

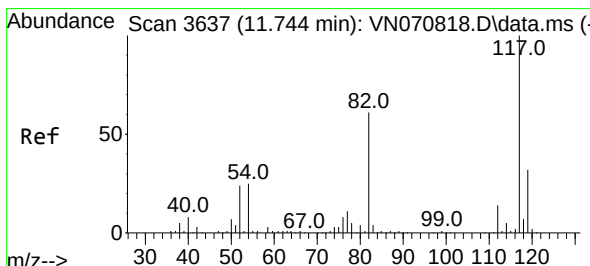
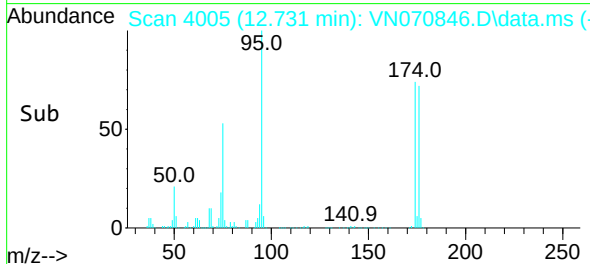
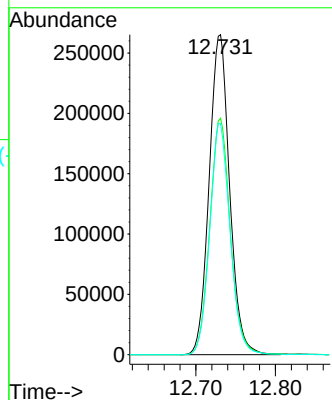
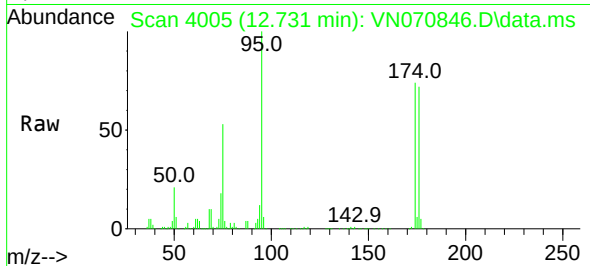




#62
4-Bromofluorobenzene
Concen: 42.170 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

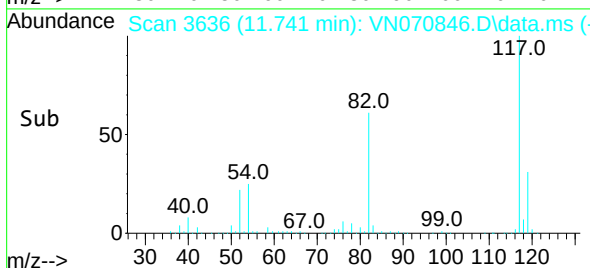
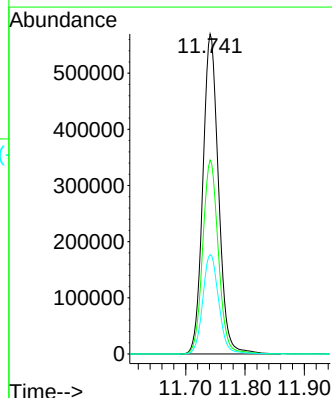
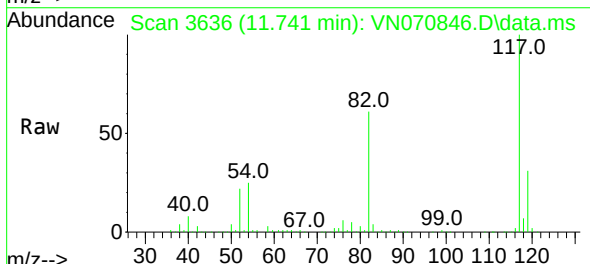
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

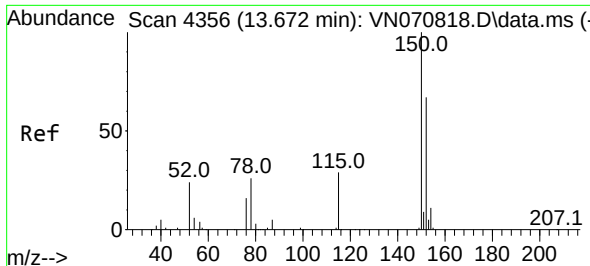
Tgt Ion: 95 Resp: 473975
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 117 Resp: 1042125
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.0 25.4 38.2

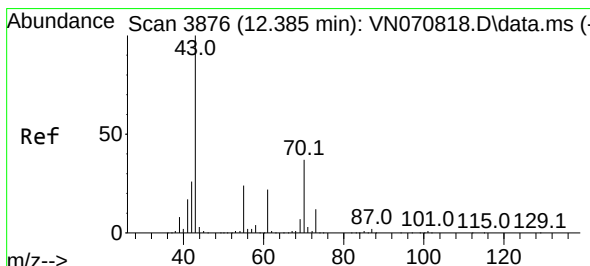
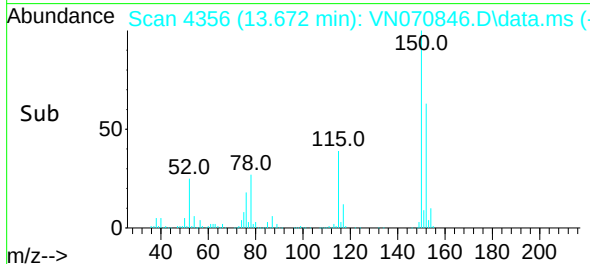
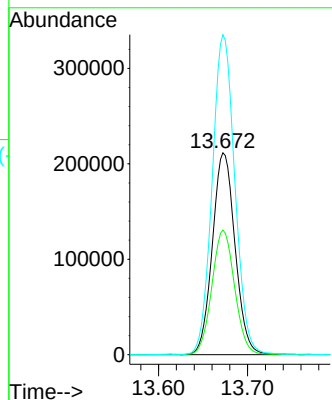
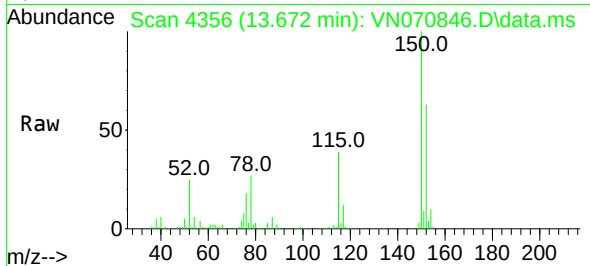




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070846.D
 Acq: 31 Jan 2022 11:54

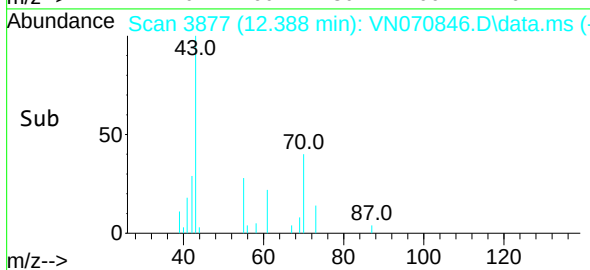
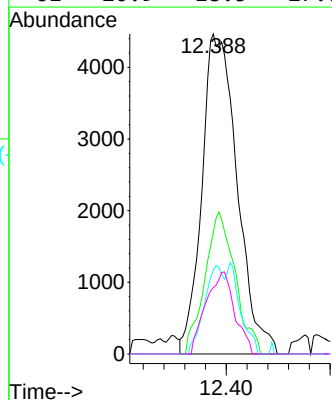
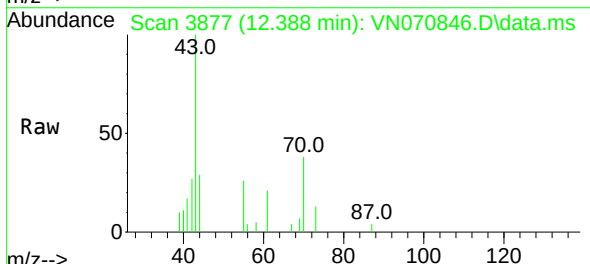
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

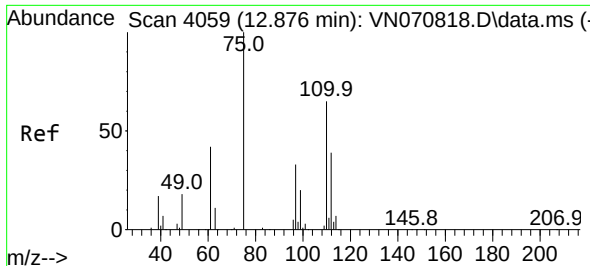
Tgt Ion:152 Resp: 374629
 Ion Ratio Lower Upper
 152 100
 115 61.6 27.5 82.5
 150 158.1 0.0 344.4



#74
 N-ethyl acetate
 Concen: 0.726 ug/l
 RT: 12.388 min Scan# 3877
 Delta R.T. 0.003 min
 Lab File: VN070846.D
 Acq: 31 Jan 2022 11:54

Tgt Ion: 43 Resp: 10519
 Ion Ratio Lower Upper
 43 100
 70 38.0 33.4 50.0
 55 15.4 19.3 28.9#
 61 20.9 18.5 27.7

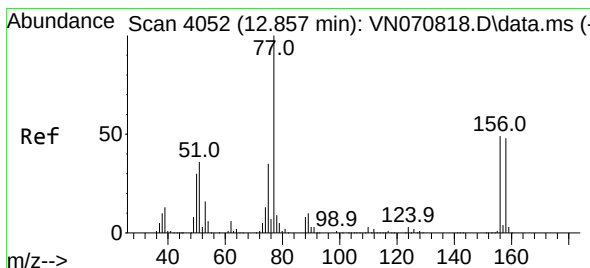
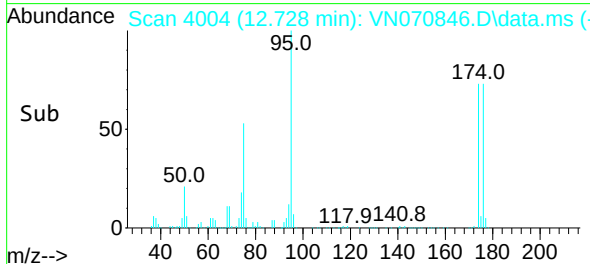
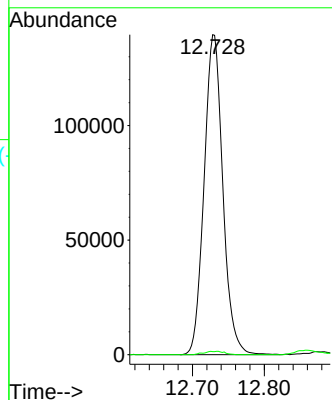
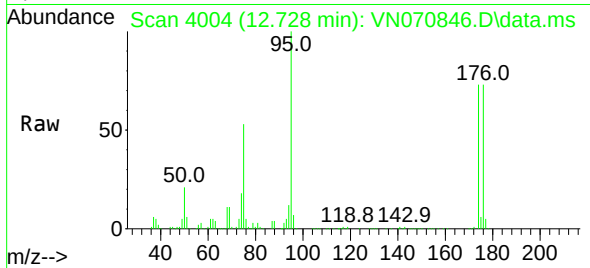




#76
1,2,3-Trichloropropane
Concen: 25.496 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

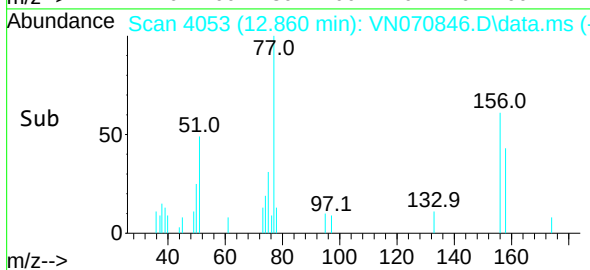
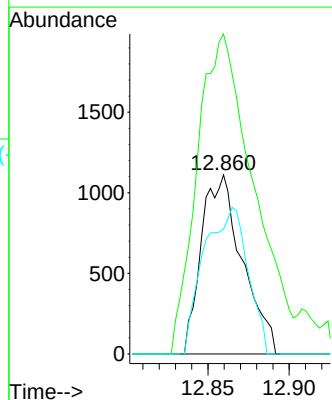
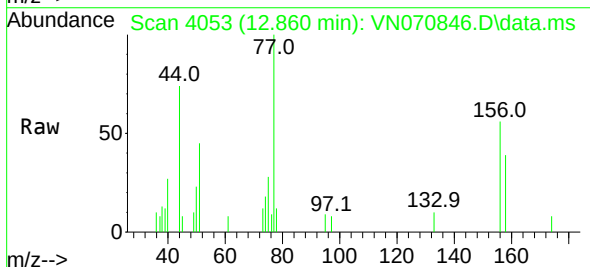
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

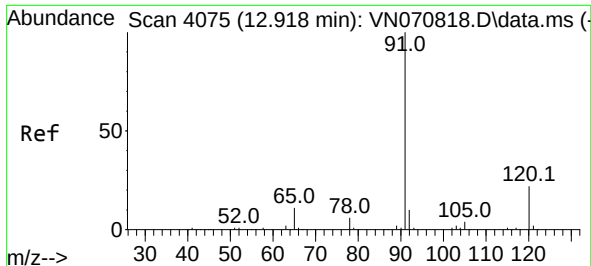
Tgt Ion: 75 Resp: 253334
Ion Ratio Lower Upper
75 100
77 0.6 82.6 247.8#



#77
Bromobenzene
Concen: 0.244 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 156 Resp: 1939
Ion Ratio Lower Upper
156 100
77 246.2 90.6 271.8
158 87.9 48.9 146.7

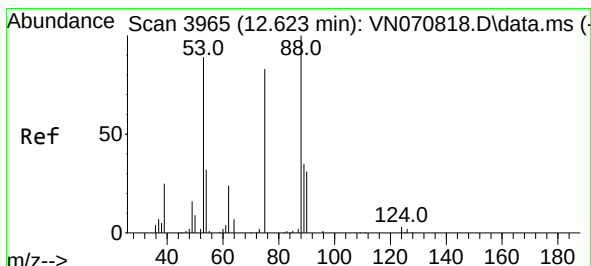
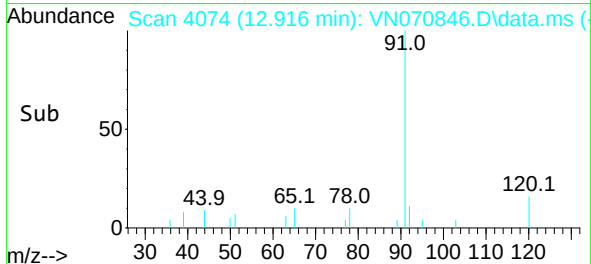
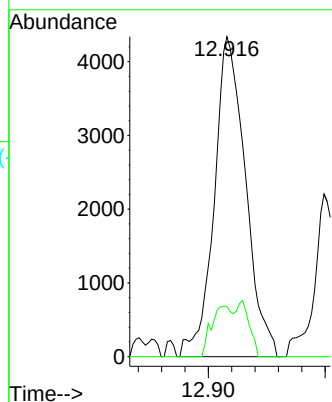
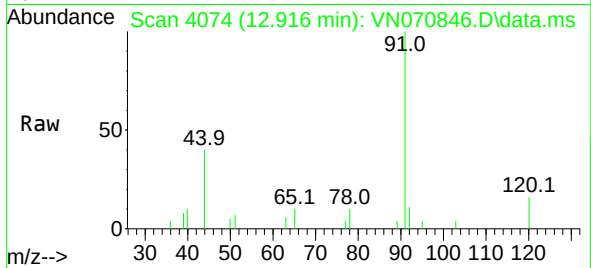




#78
n-propylbenzene
Concen: 0.203 ug/l
RT: 12.916 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

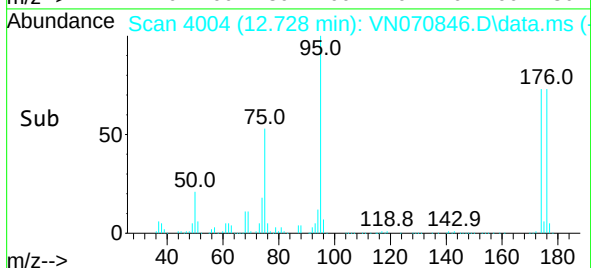
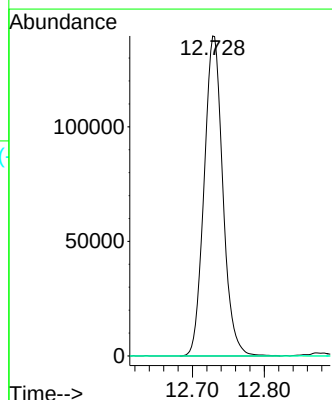
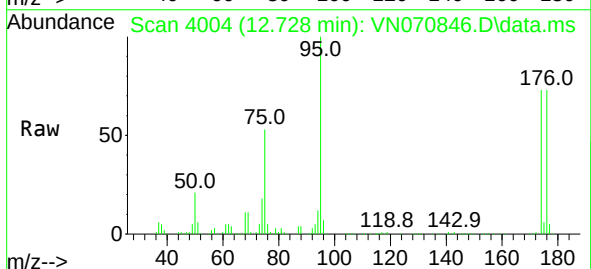
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

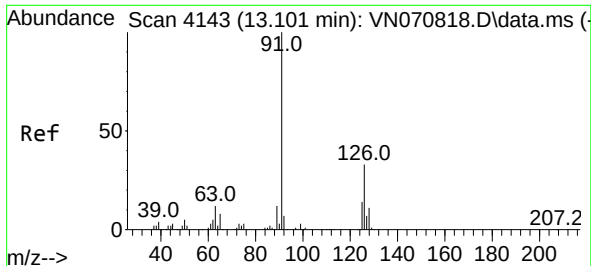
Tgt Ion: 91 Resp: 8056
Ion Ratio Lower Upper
91 100
120 10.7 11.9 35.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.957 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 75 Resp: 253334
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

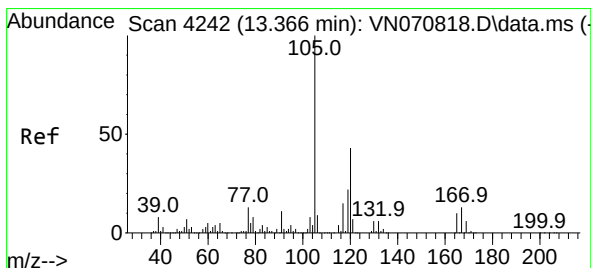
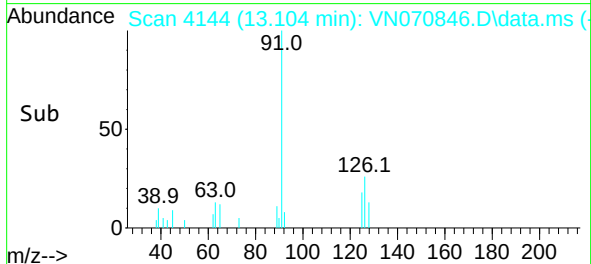
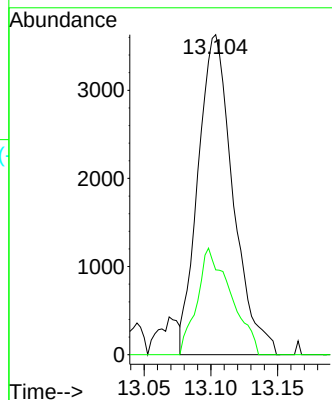
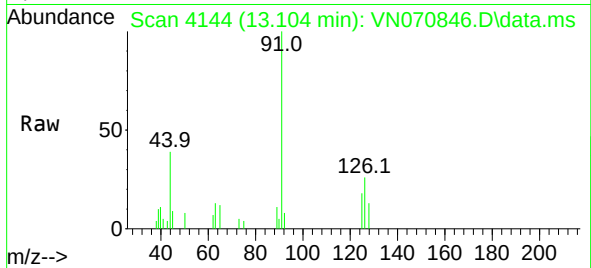




#82
4-Chlorotoluene
Concen: 0.282 ug/l
RT: 13.104 min Scan# 4143
Delta R.T. -0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

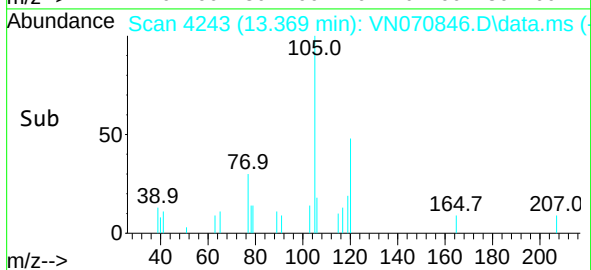
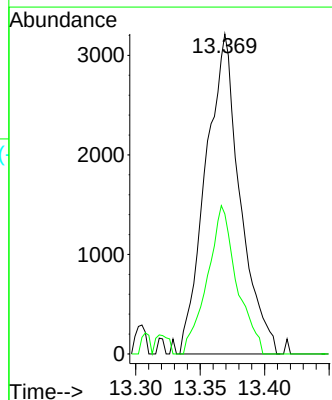
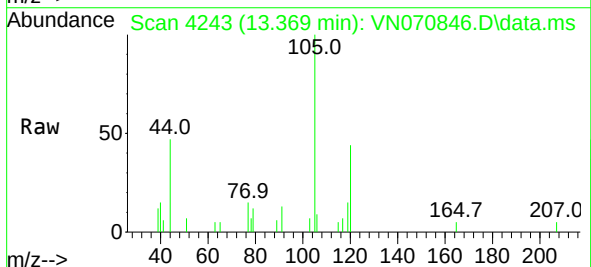
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

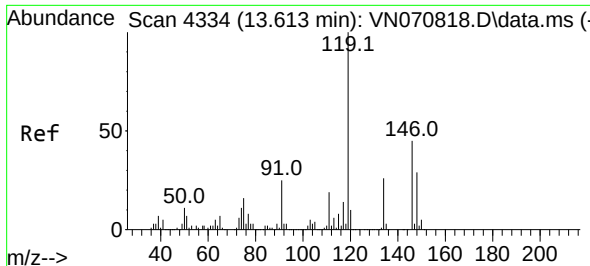
Tgt Ion: 91 Resp: 6605
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6



#84
1,2,4-Trimethylbenzene
Concen: 0.216 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.002 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 105 Resp: 5963
Ion Ratio Lower Upper
105 100
120 39.7 22.8 68.4

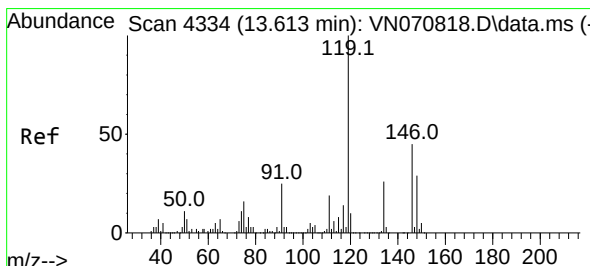
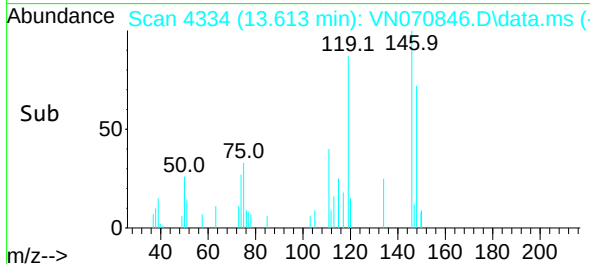
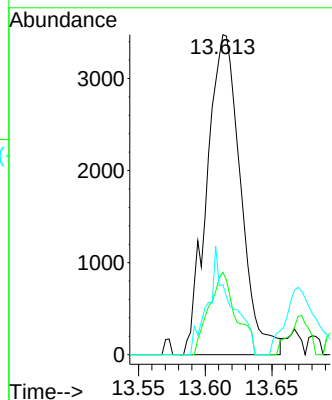
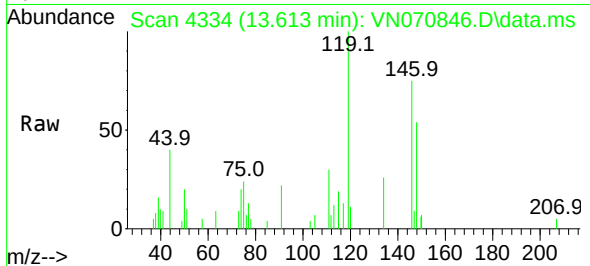




#86
 p-Isopropyltoluene
 Concen: 0.228 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070846.D
 Acq: 31 Jan 2022 11:54

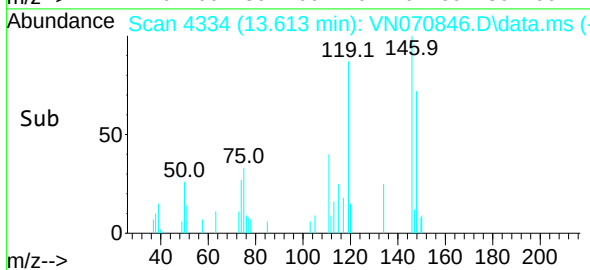
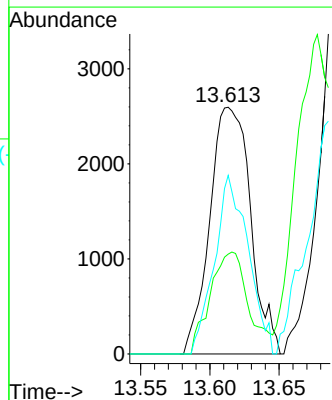
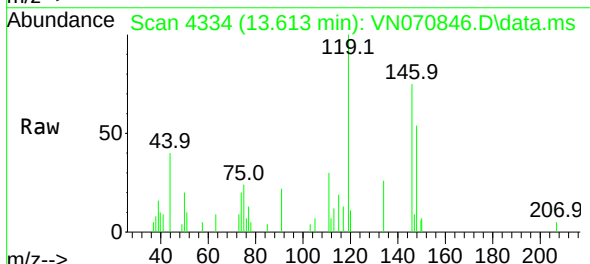
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131MBL01

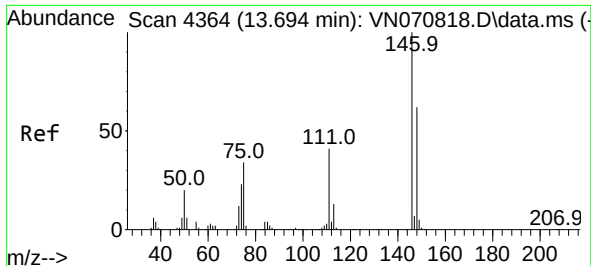
Tgt Ion:	119	Resp:	6087
Ion	Ratio	Lower	Upper
119	100		
134	20.7	13.6	40.7
91	23.2	11.4	34.1



#87
 1,3-Dichlorobenzene
 Concen: 0.402 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070846.D
 Acq: 31 Jan 2022 11:54

Tgt Ion:	146	Resp:	5318
Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.6	55.6
148	59.9	31.6	95.0

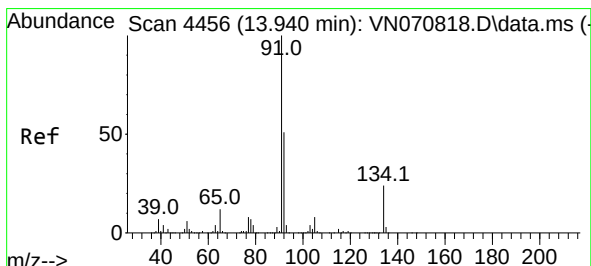
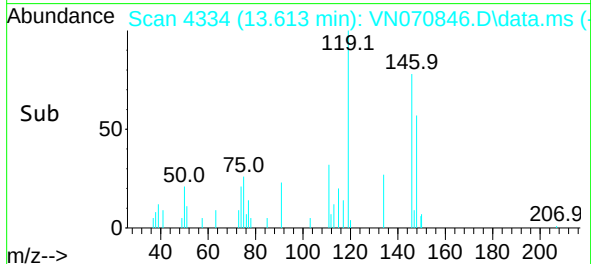
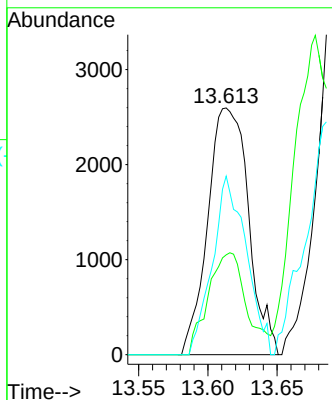
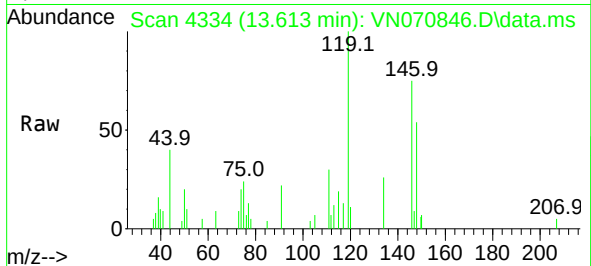




#88
1,4-Dichlorobenzene
Concen: 0.404 ug/l
RT: 13.613 min Scan# 41
Delta R.T. -0.078 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

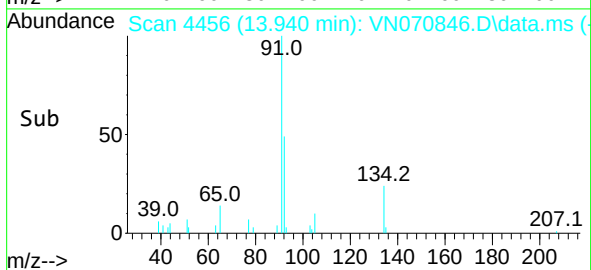
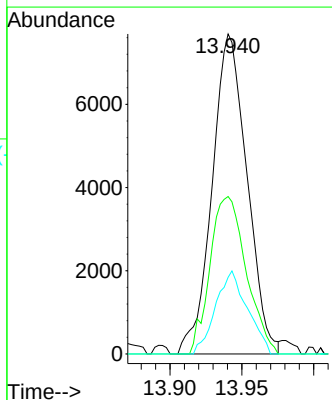
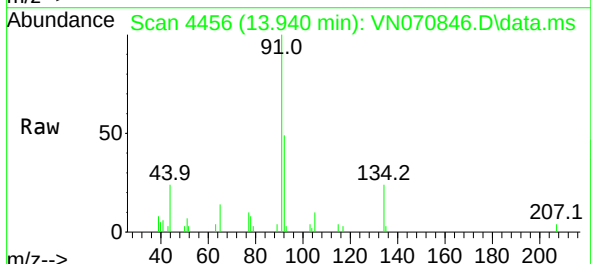
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

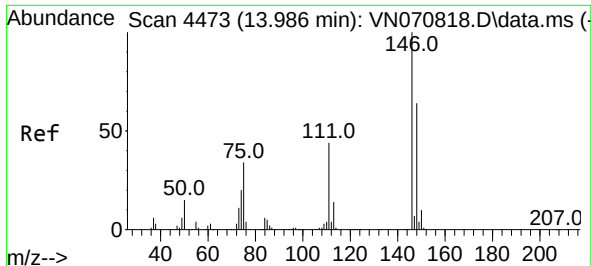
Tgt Ion:146 Resp: 5318
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 59.9 31.8 95.4



#89
n-Butylbenzene
Concen: 0.590 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 91 Resp: 12971
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 23.7 13.6 40.8

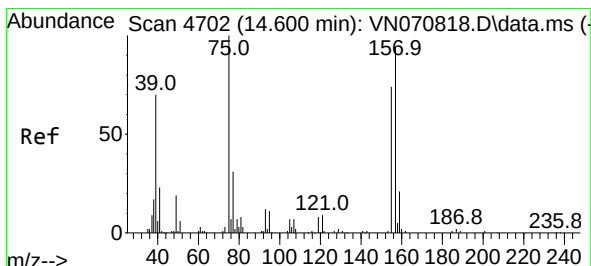
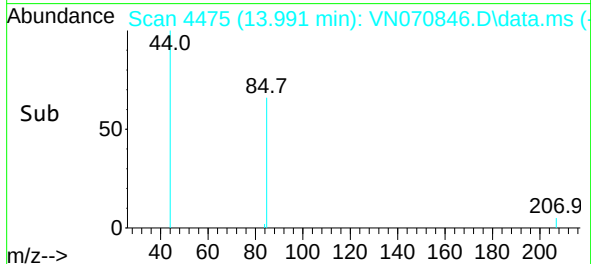
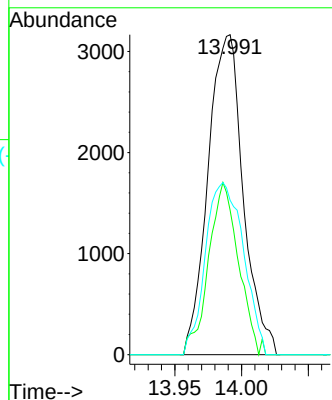
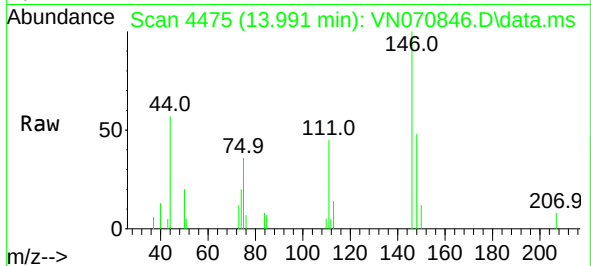




#91
1,2-Dichlorobenzene
Concen: 0.445 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.005 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

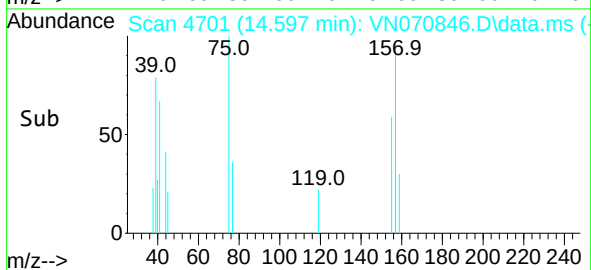
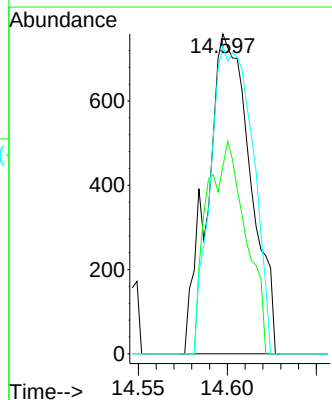
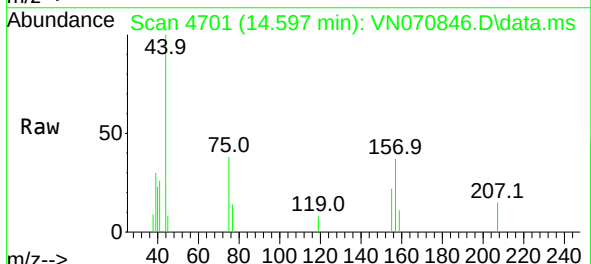
Instrument :
MSVOA_N
ClientSampleId :
VN0131MBL01

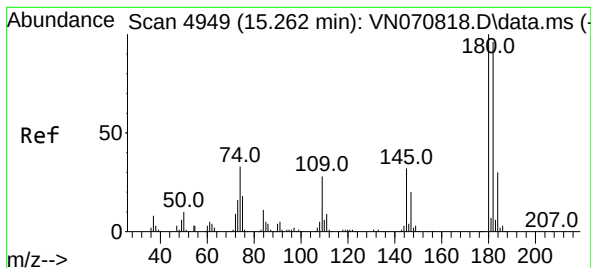
Tgt Ion:146 Resp: 5807
Ion Ratio Lower Upper
146 100
111 45.7 19.1 57.3
148 58.2 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.632 ug/l
RT: 14.597 min Scan# 4701
Delta R.T. -0.003 min
Lab File: VN070846.D
Acq: 31 Jan 2022 11:54

Tgt Ion: 75 Resp: 1283
Ion Ratio Lower Upper
75 100
155 59.8 46.9 140.7
157 93.9 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 4.721 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

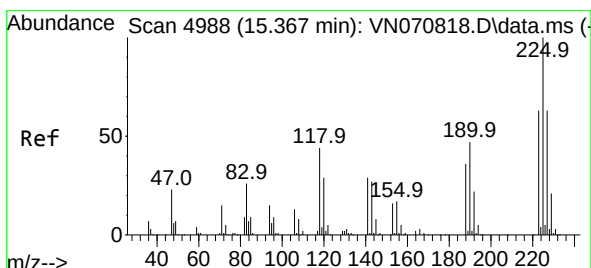
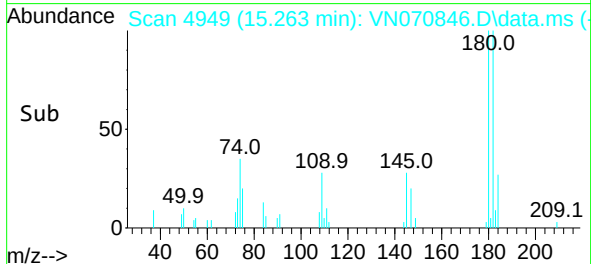
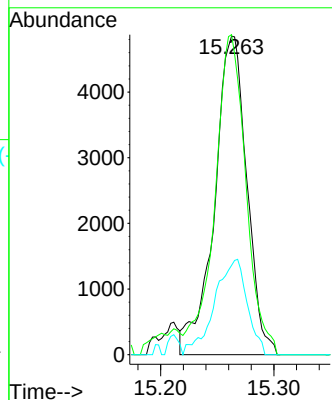
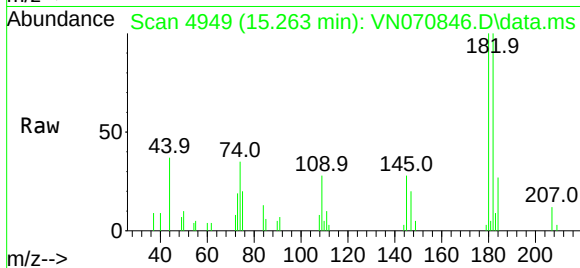
Tgt Ion:180 Resp: 9629

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.9

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 0.338 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.003 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

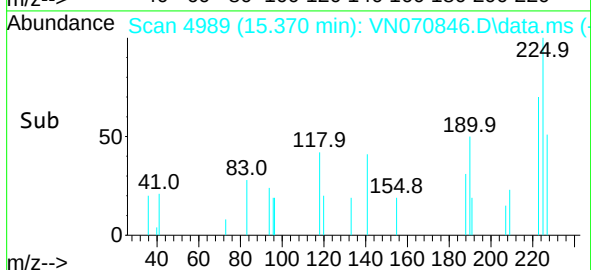
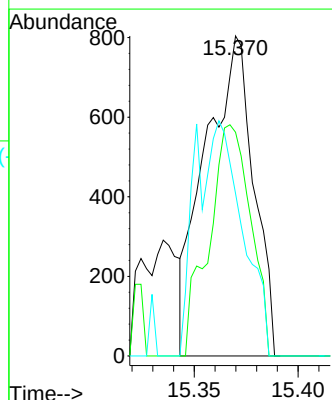
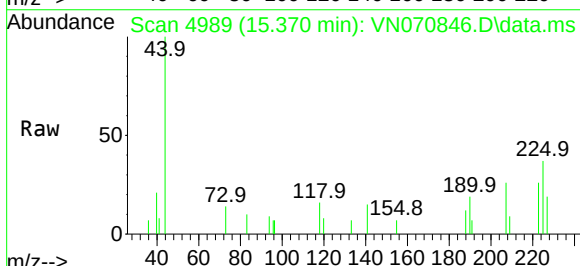
Tgt Ion:225 Resp: 1306

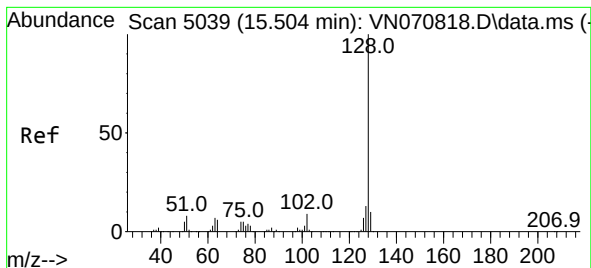
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.7

227 46.8 32.1 96.3





#95

Naphthalene

Concen: 6.367 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0131MBL01

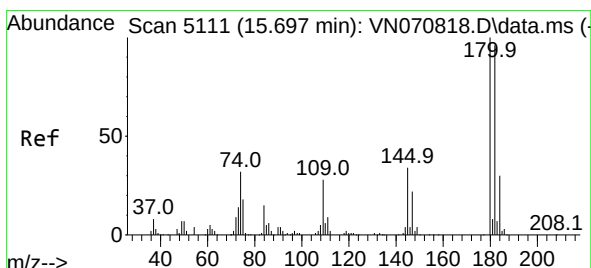
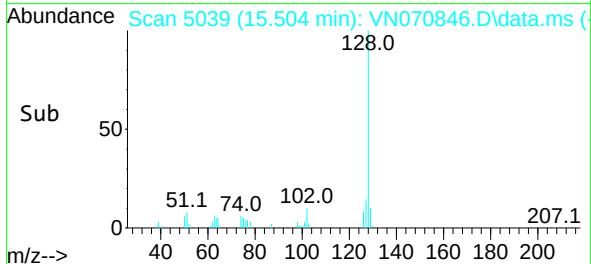
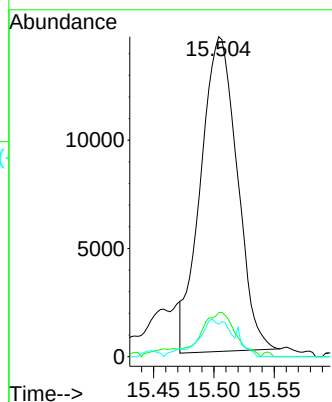
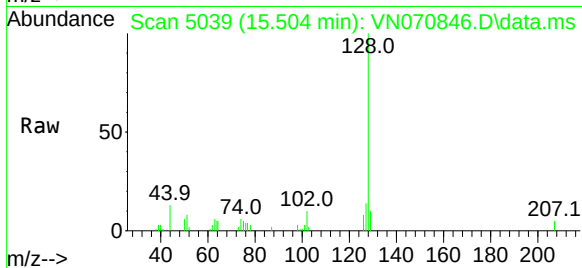
Tgt Ion:128 Resp: 30573

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 12.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 5.018 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. 0.000 min

Lab File: VN070846.D

Acq: 31 Jan 2022 11:54

Tgt Ion:180 Resp: 12745

Ion Ratio Lower Upper

180 100

182 84.2 47.4 142.2

145 25.8 15.0 45.1

