

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070847.D
 Acq On : 31 Jan 2022 12:20
 Operator : JC/MD
 Sample : VN0131WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBL01

Quant Time: Jan 31 16:42:06 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)

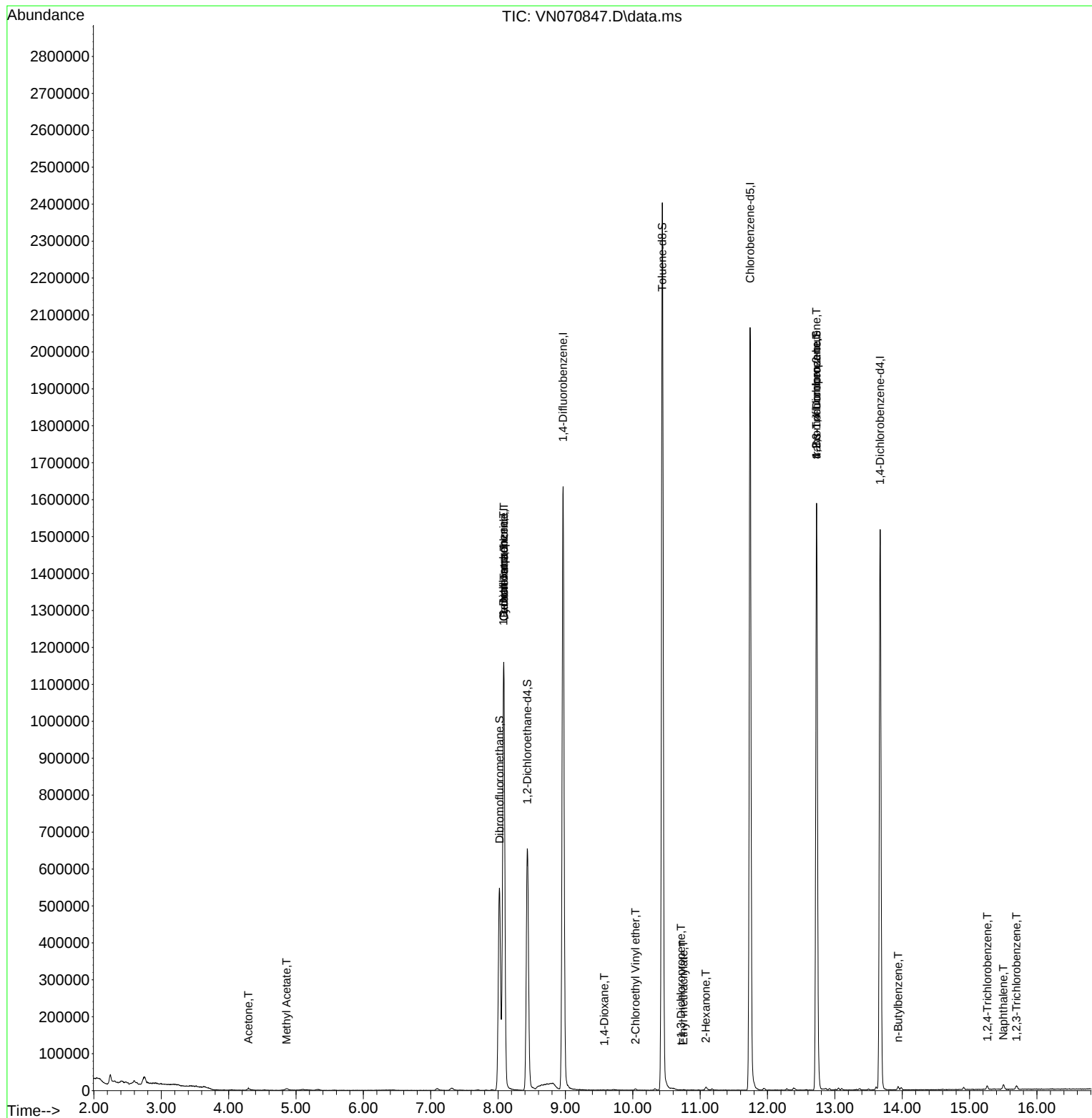
Internal Standards						
1) Pentafluorobenzene	8.083	168	873889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1382281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1193072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	420205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	585608	46.758	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.520%
35) Dibromofluoromethane	8.021	113	409121	47.715	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.420%
50) Toluene-d8	10.438	98	1685413	46.660	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.320%
62) 4-Bromofluorobenzene	12.728	95	592869	46.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.120%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	5109	0.588	ug/l	95
18) Methyl Acetate	4.859	43	9024	0.528	ug/l	93
30) Chloroform	7.815	83	770	Below Cal		87
31) Cyclohexane	8.086	56	20018	0.908	ug/l #	10
36) 1,1-Dichloropropene	8.080	75	71906	4.981	ug/l #	49
38) Carbon Tetrachloride	8.086	117	90716	7.064	ug/l #	16
49) 1,4-Dioxane	9.577	88	98	0.468	ug/l #	1
53) t-1,3-Dichloropropene	10.717	75	233	2.416	ug/l #	43
56) Ethyl methacrylate	10.752	69	307	2.316	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.041	63	1919	21.583	ug/l #	78
59) 2-Hexanone	11.084	43	7439	0.548	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	320254	28.735	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	320254	85.608	ug/l #	5
89) n-Butylbenzene	13.940	91	6082	0.247	ug/l	90
93) 1,2,4-Trichlorobenzene	15.263	180	3610	3.858	ug/l	88
95) Naphthalene	15.501	128	12370	5.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	4014	3.722	ug/l	95

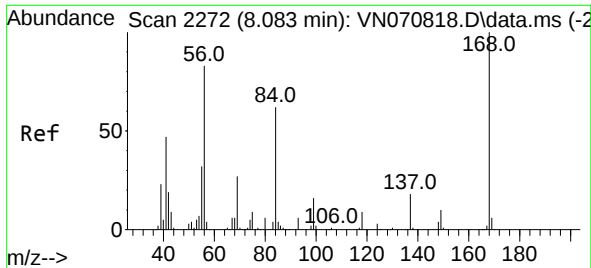
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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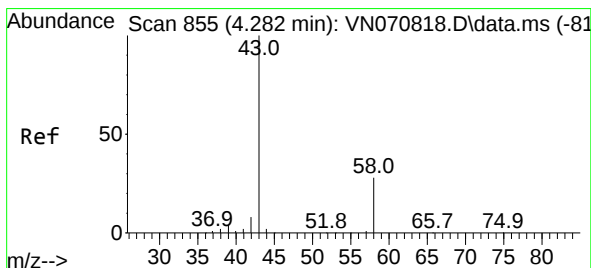
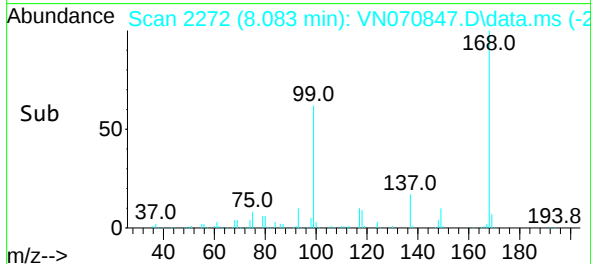
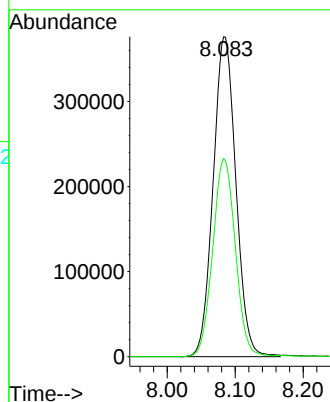
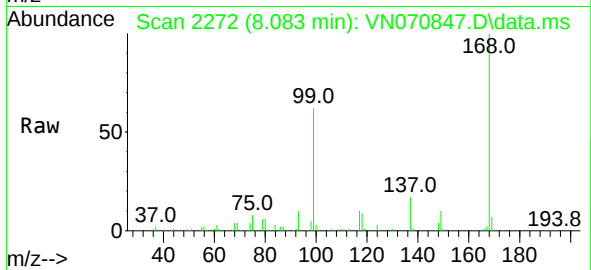




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

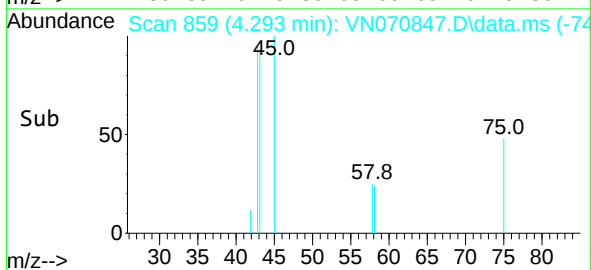
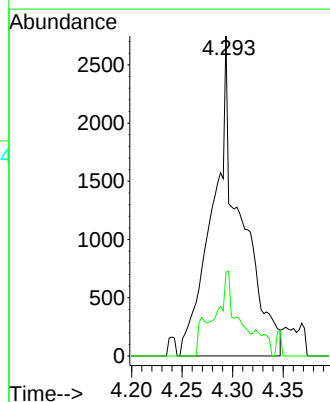
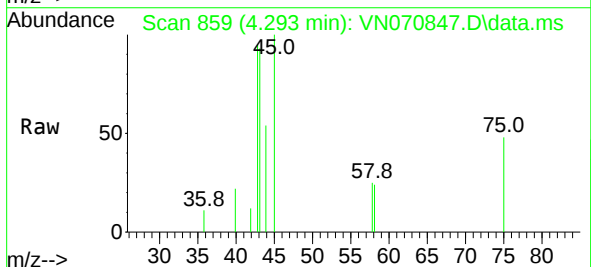
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

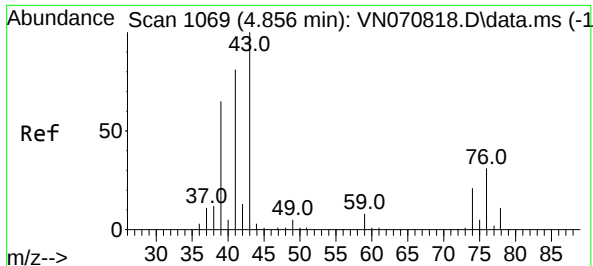
Tgt Ion:168 Resp: 873889
Ion Ratio Lower Upper
168 100
99 61.9 41.3 61.9



#16
Acetone
Concen: 0.588 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Tgt Ion: 43 Resp: 5109
Ion Ratio Lower Upper
43 100
58 26.2 23.1 34.7





#18

Methyl Acetate

Concen: 0.528 ug/l

RT: 4.859 min Scan# 1069

Delta R.T. 0.005 min

Lab File: VN070847.D

Acq: 31 Jan 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

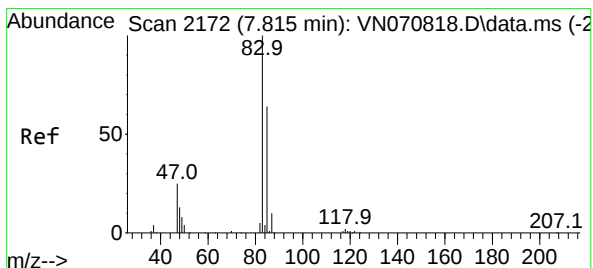
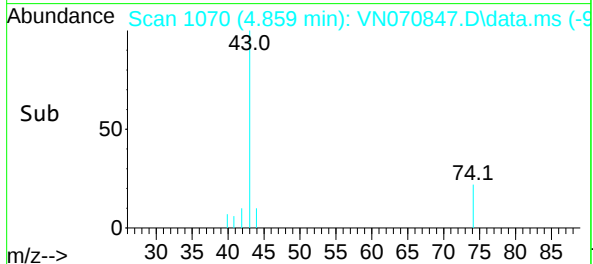
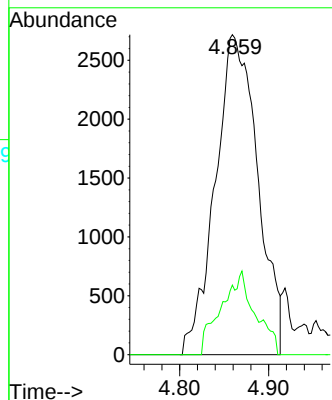
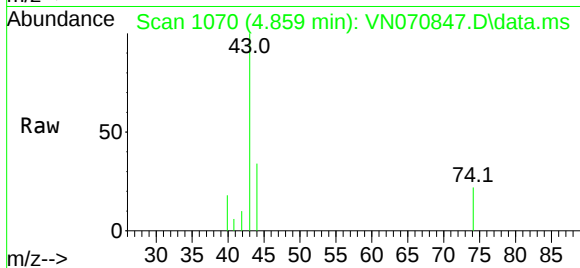
VN0131WBL01

Tgt Ion: 43 Resp: 9024

Ion Ratio Lower Upper

43 100

74 20.9 19.4 29.2



#30

Chloroform

Concen: Below Cal

RT: 7.815 min Scan# 2172

Delta R.T. -0.003 min

Lab File: VN070847.D

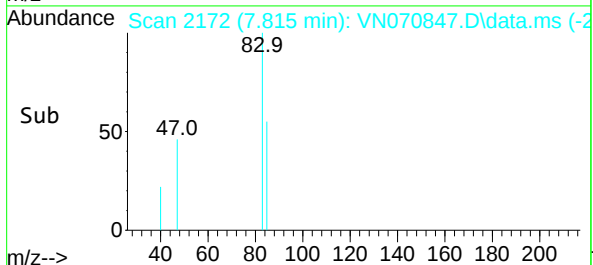
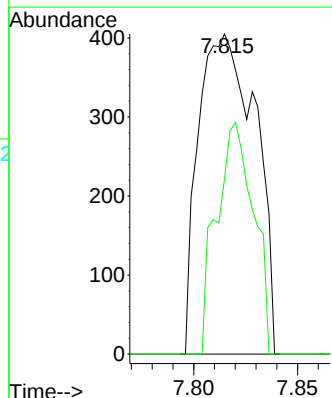
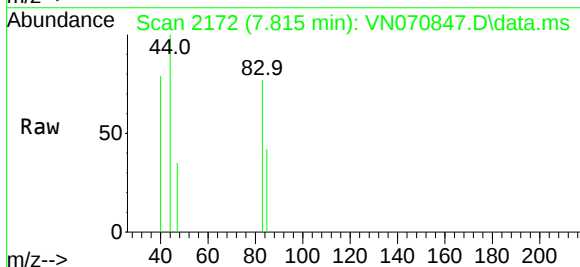
Acq: 31 Jan 2022 12:20

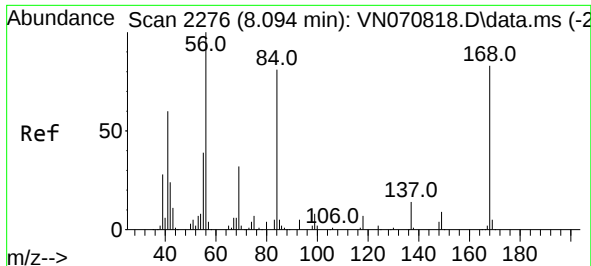
Tgt Ion: 83 Resp: 770

Ion Ratio Lower Upper

83 100

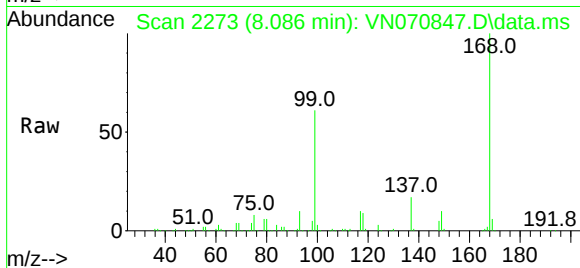
85 54.8 51.9 77.9



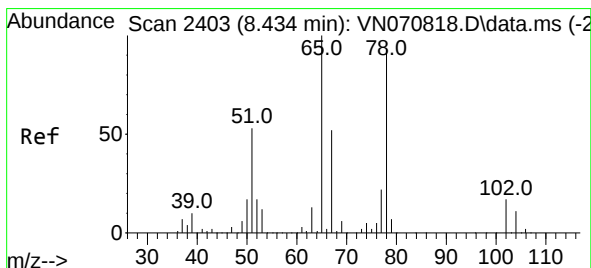
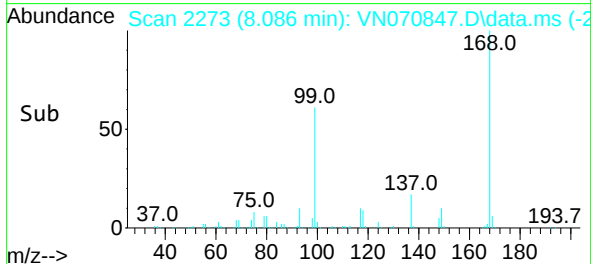
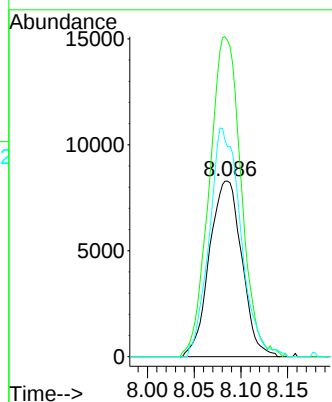


#31
Cyclohexane
Concen: 0.908 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

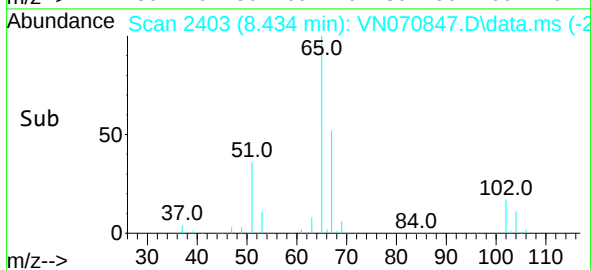
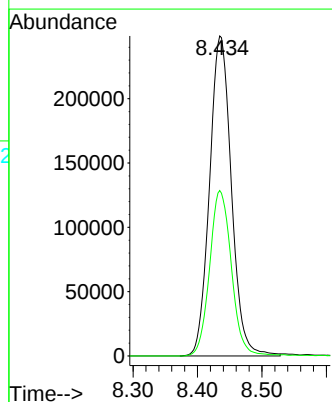
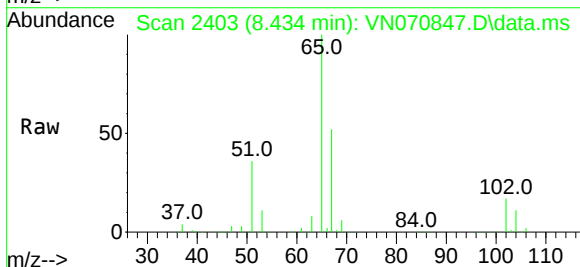


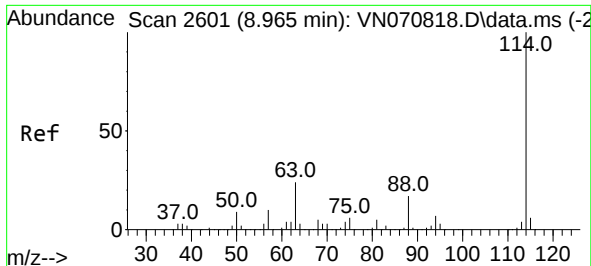
Tgt Ion: 56 Resp: 20018
Ion Ratio Lower Upper
56 100
69 180.2 27.1 40.7#
84 119.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.758 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Tgt Ion: 65 Resp: 585608
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN070847.D

Acq: 31 Jan 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBL01

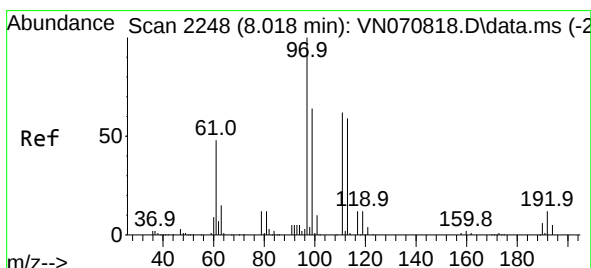
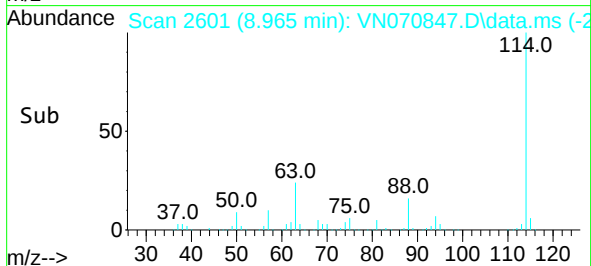
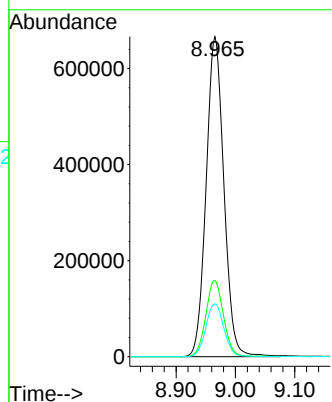
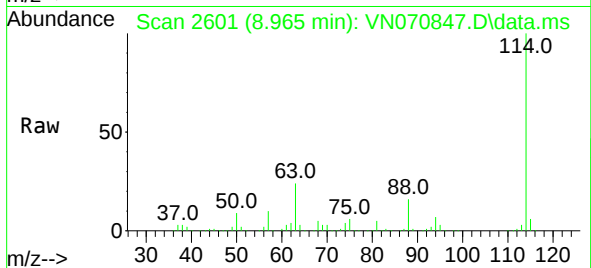
Tgt Ion:114 Resp: 1382281

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.715 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070847.D

Acq: 31 Jan 2022 12:20

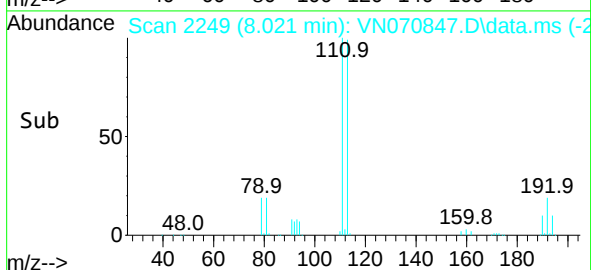
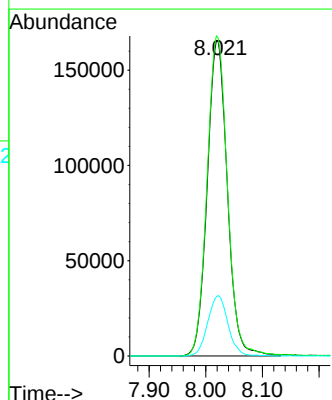
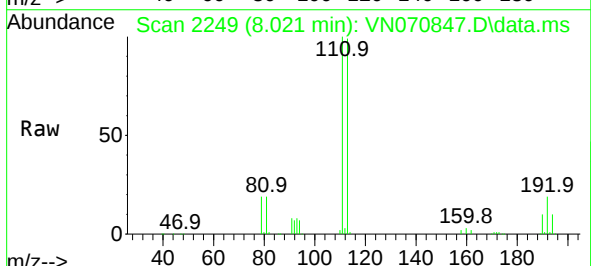
Tgt Ion:113 Resp: 409121

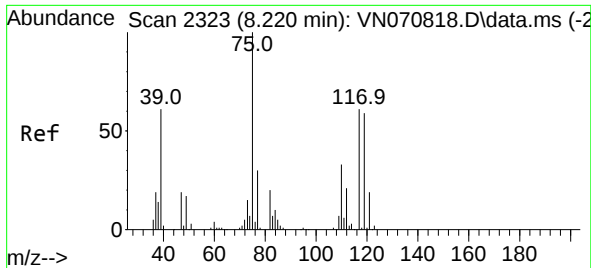
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 19.2 16.9 25.3

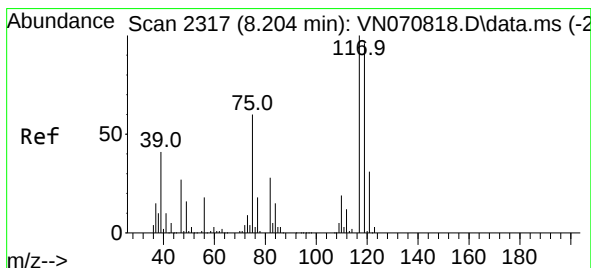
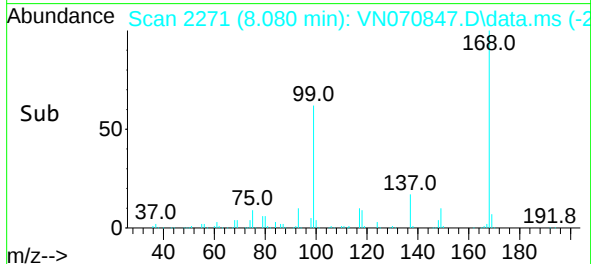
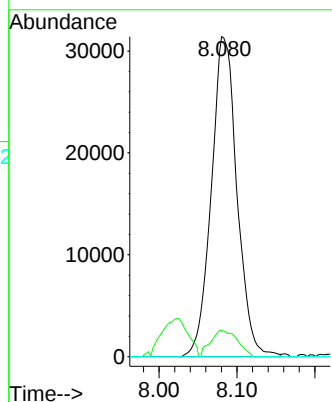
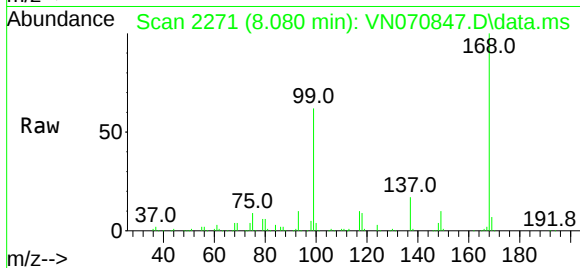




#36
 1,1-Dichloropropene
 Concen: 4.981 ug/l
 RT: 8.080 min Scan# 21
 Delta R.T. -0.140 min
 Lab File: VN070847.D
 Acq: 31 Jan 2022 12:20

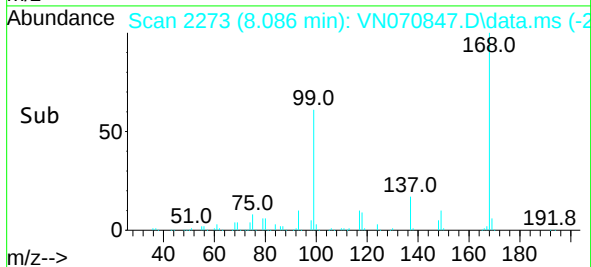
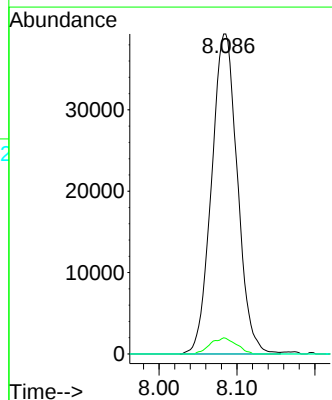
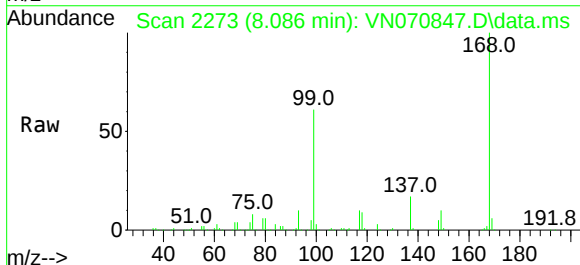
Instrument :
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 VN0131WBL01

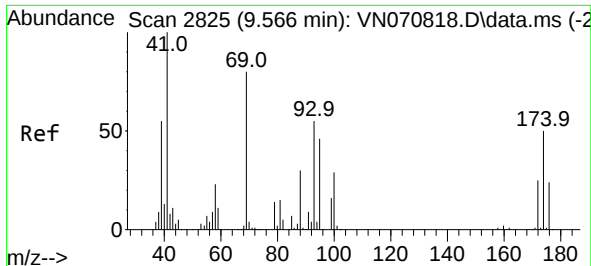
Tgt Ion: 75 Resp: 71906
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.064 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN070847.D
 Acq: 31 Jan 2022 12:20

Tgt Ion: 117 Resp: 90716
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.1 114.1#
 121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.468 ug/l

RT: 9.577 min Scan# 21

Delta R.T. 0.008 min

Lab File: VN070847.D

Acq: 31 Jan 2022 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBL01

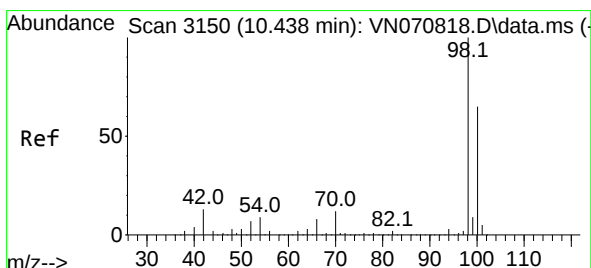
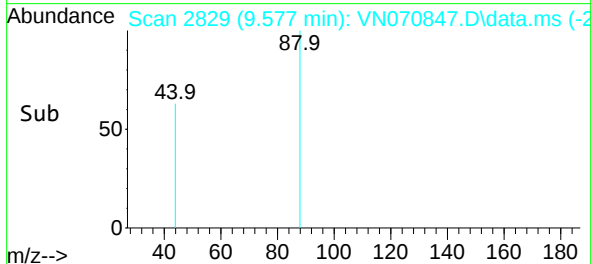
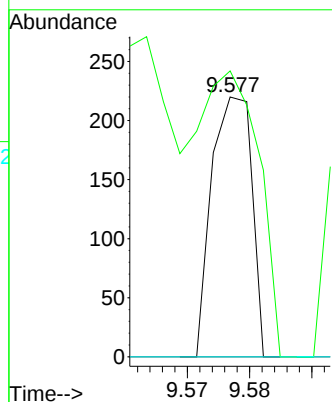
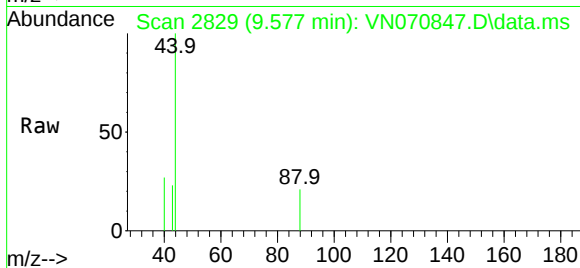
Tgt Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 138.8 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 46.660 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VN070847.D

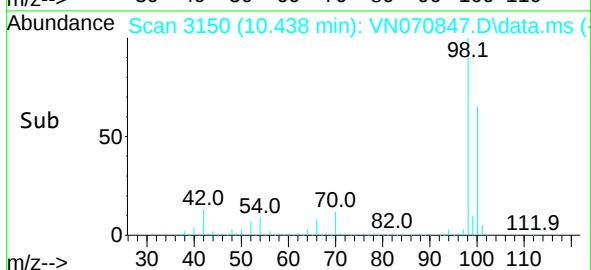
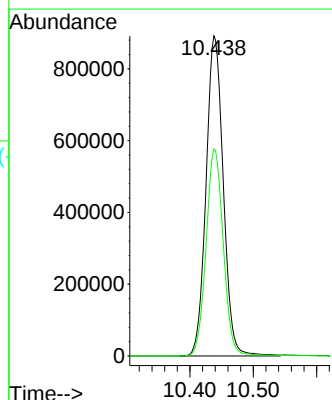
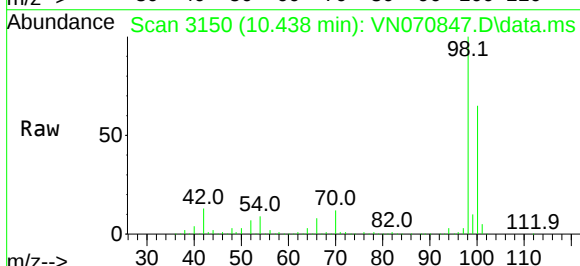
Acq: 31 Jan 2022 12:20

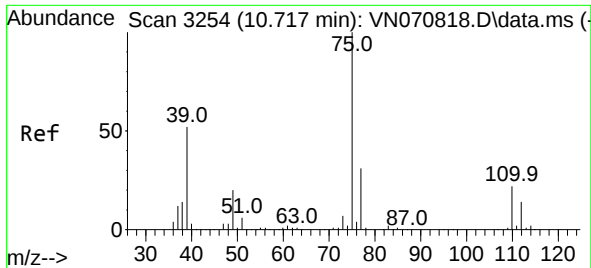
Tgt Ion: 98 Resp: 1685413

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

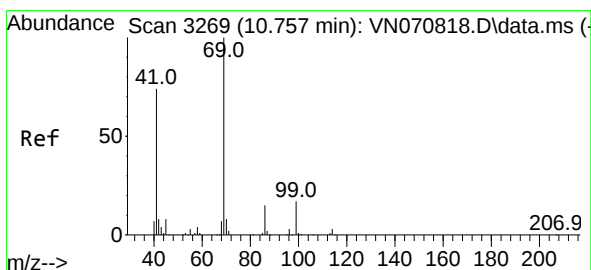
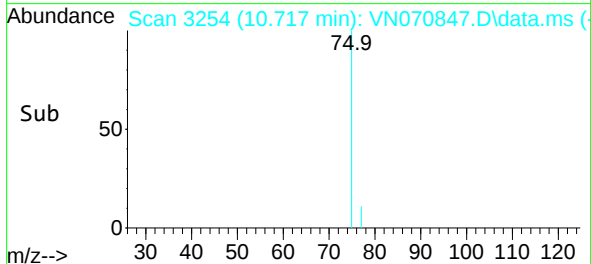
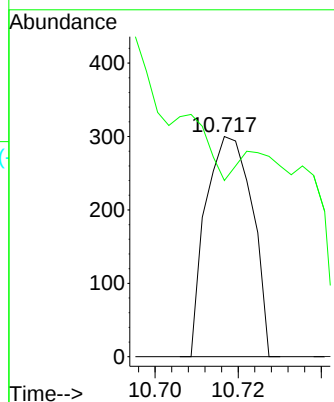
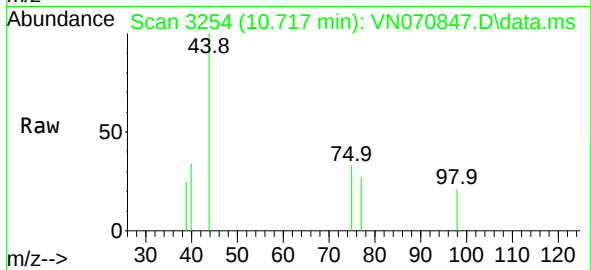




#53
t-1,3-Dichloropropene
Concen: 2.416 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

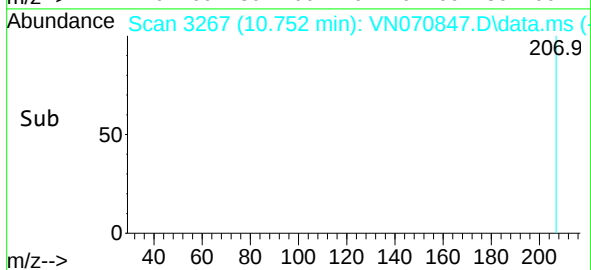
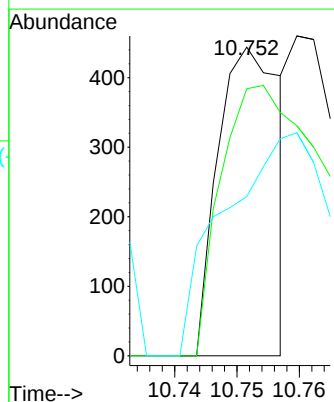
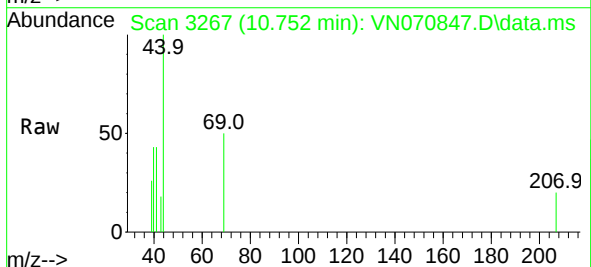
Instrument :
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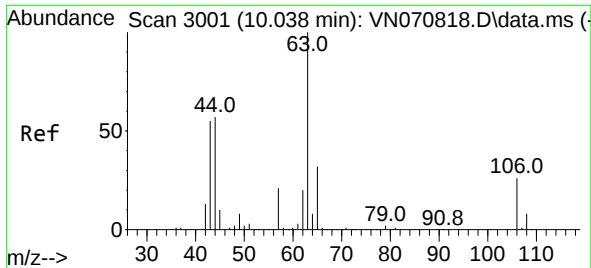
Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.316 ug/l
RT: 10.752 min Scan# 3267
Delta R.T. -0.008 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Tgt Ion: 69 Resp: 307
Ion Ratio Lower Upper
69 100
41 180.1 51.4 77.0#
39 114.3 34.6 52.0#

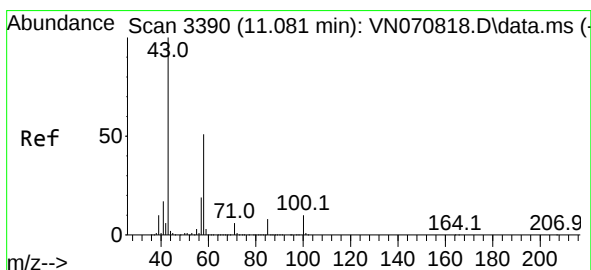
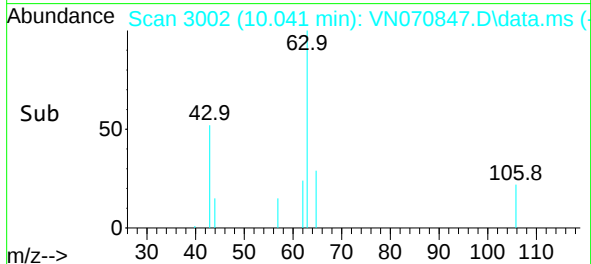
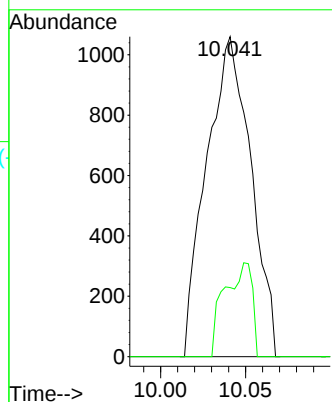
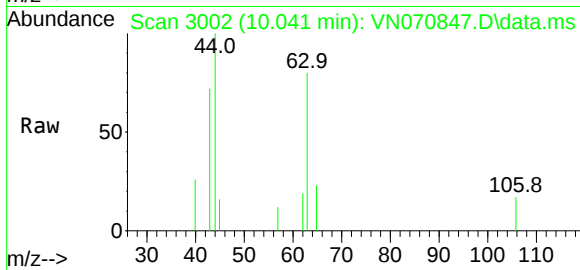




#58
2-Chloroethyl Vinyl ether
Concen: 21.583 ug/l
RT: 10.041 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

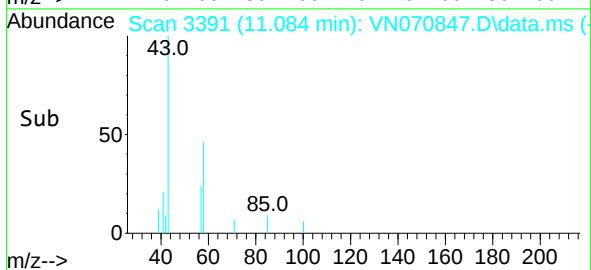
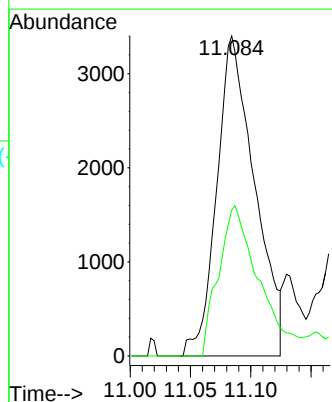
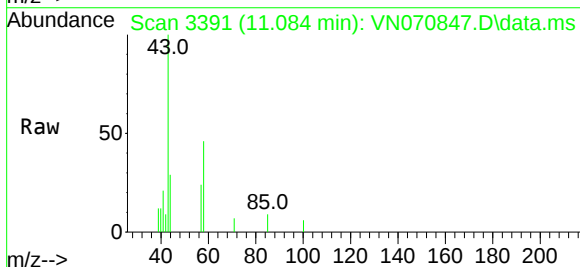
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

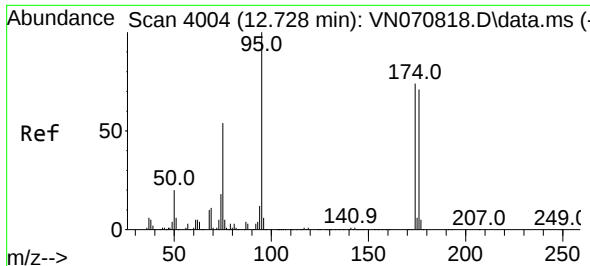
Tgt Ion: 63 Resp: 1919
Ion Ratio Lower Upper
63 100
106 18.2 23.9 35.9#



#59
2-Hexanone
Concen: 0.548 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Tgt Ion: 43 Resp: 7439
Ion Ratio Lower Upper
43 100
58 50.4 26.9 80.7

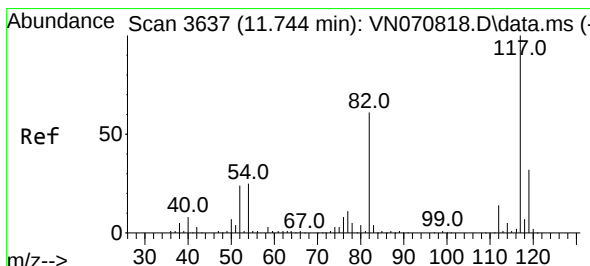
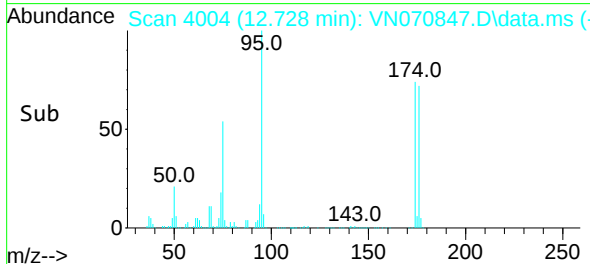
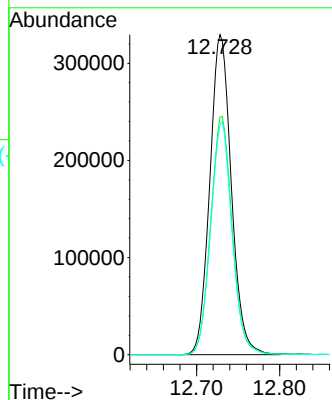
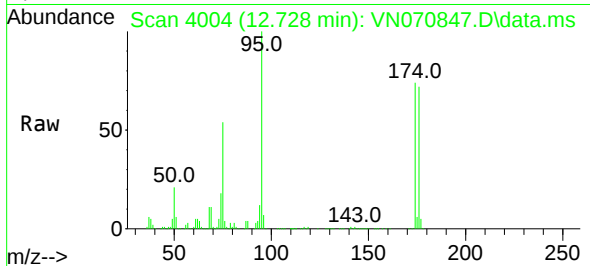




#62
4-Bromofluorobenzene
Concen: 46.060 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

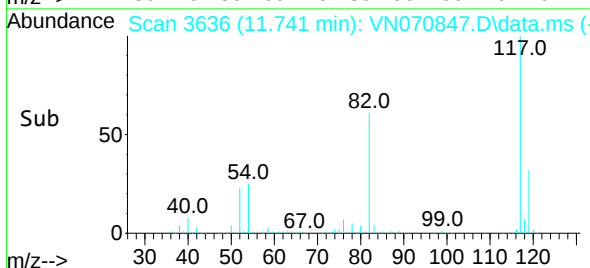
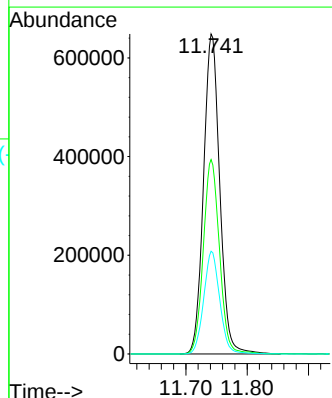
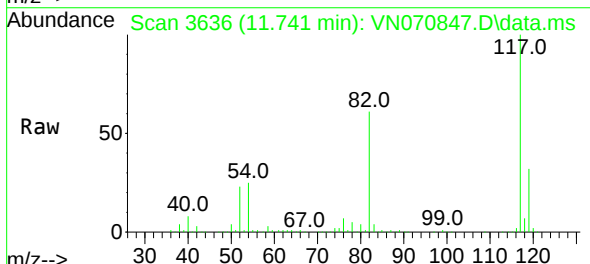
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

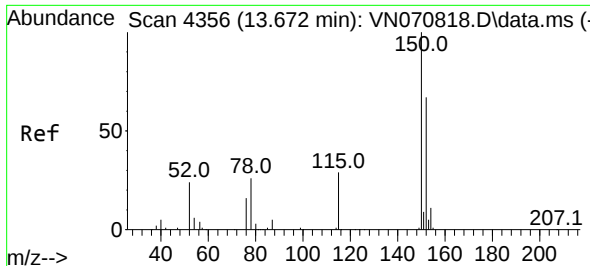
Tgt Ion: 95 Resp: 592869
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 72.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Tgt Ion: 117 Resp: 1193072
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 32.1 25.4 38.2

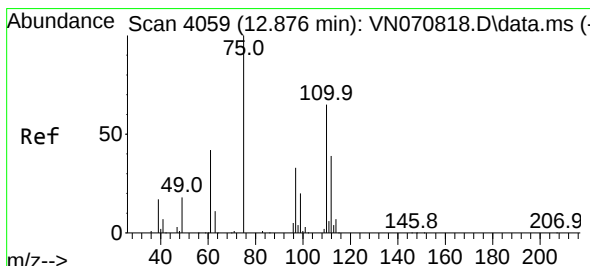
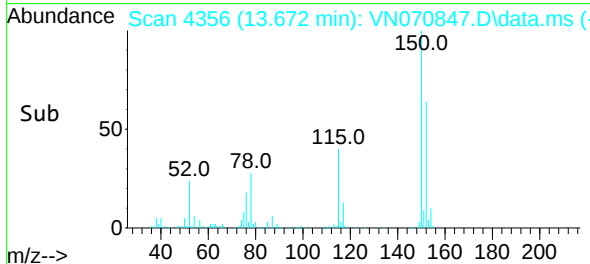
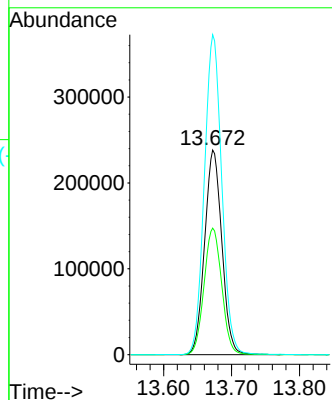
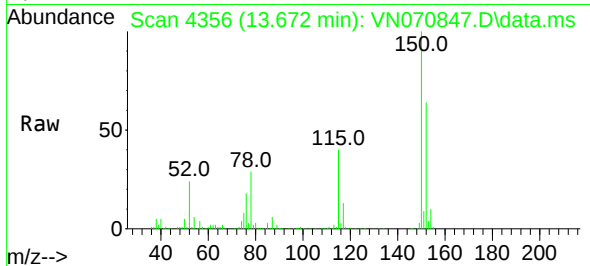




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

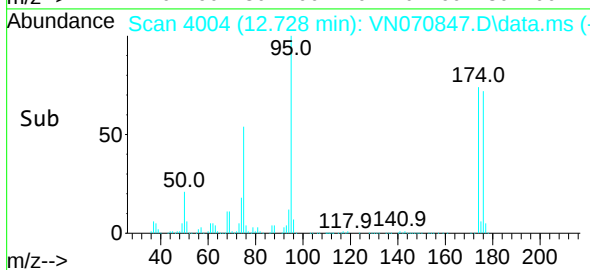
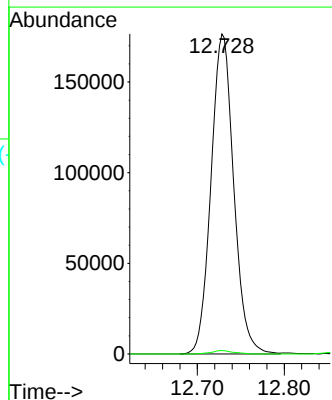
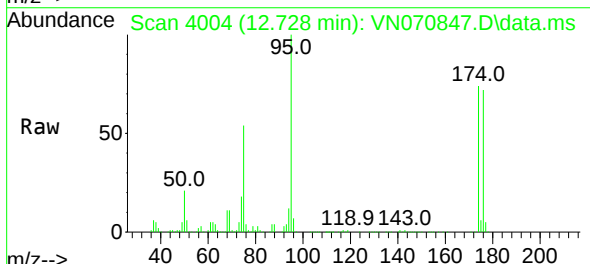
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

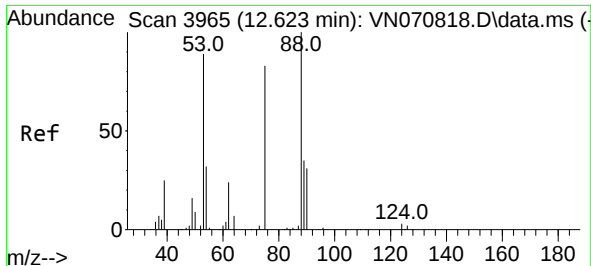
Tgt Ion:152 Resp: 420205
Ion Ratio Lower Upper
152 100
115 63.4 27.5 82.5
150 157.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 28.735 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

Tgt Ion: 75 Resp: 320254
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#

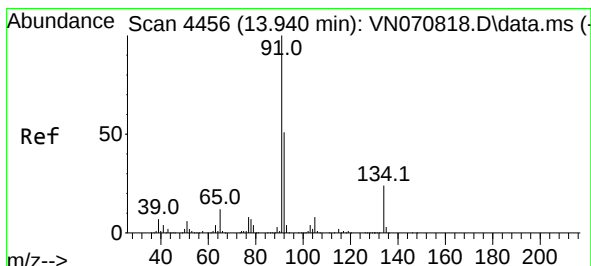
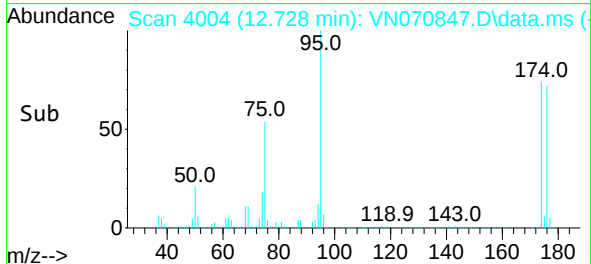
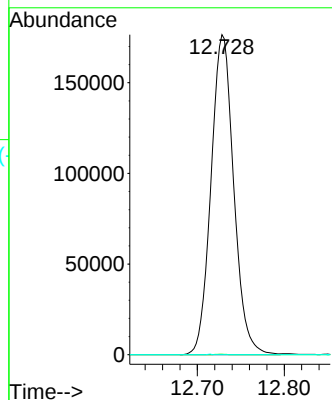
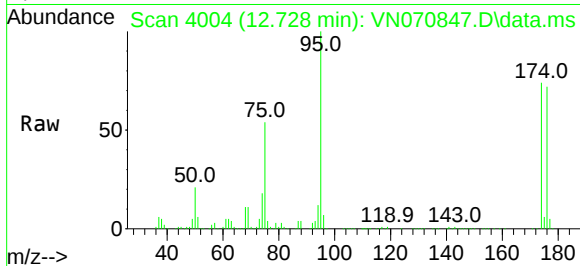




#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.608 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. 0.104 min
 Lab File: VN070847.D
 Acq: 31 Jan 2022 12:20

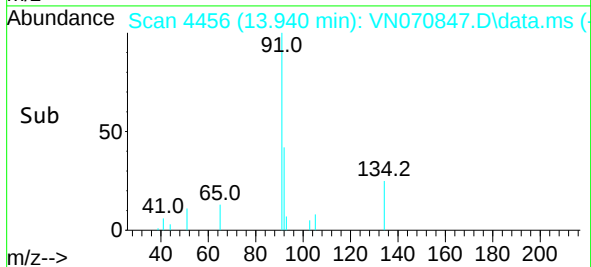
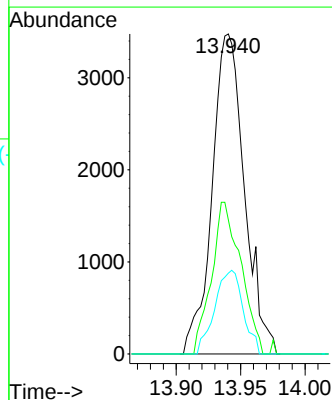
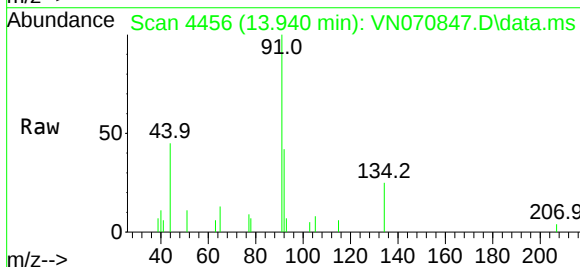
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBL01

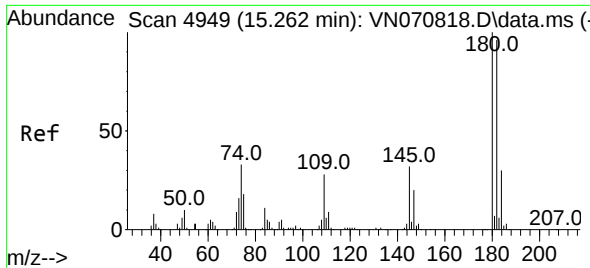
Tgt Ion: 75 Resp: 320254
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 38.2 57.4#



#89
 n-Butylbenzene
 Concen: 0.247 ug/l
 RT: 13.940 min Scan# 4456
 Delta R.T. 0.000 min
 Lab File: VN070847.D
 Acq: 31 Jan 2022 12:20

Tgt Ion: 91 Resp: 6082
 Ion Ratio Lower Upper
 91 100
 92 43.0 25.4 76.0
 134 22.9 13.6 40.8

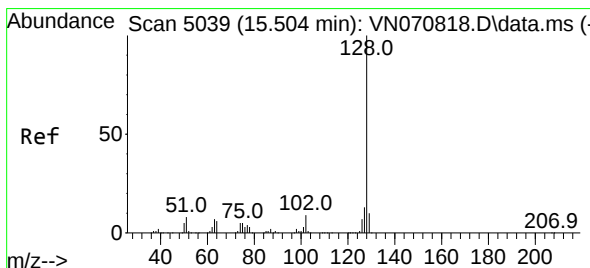
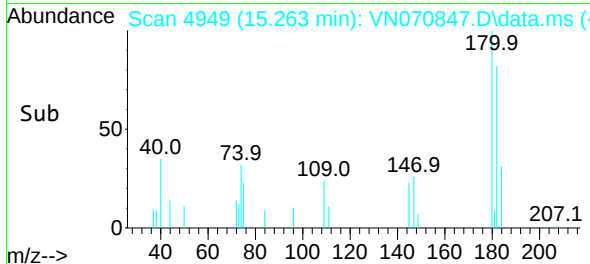
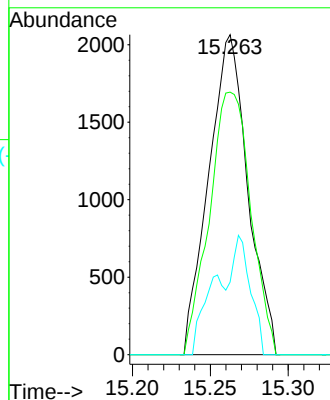
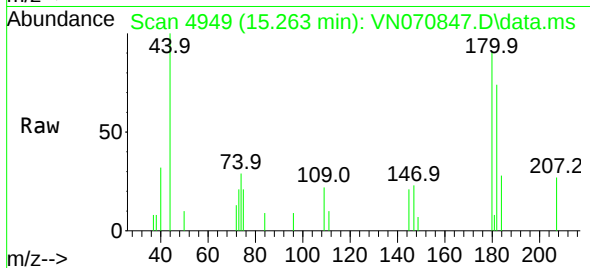




#93
1,2,4-Trichlorobenzene
Concen: 3.858 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

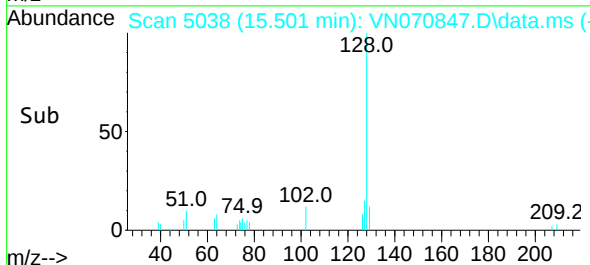
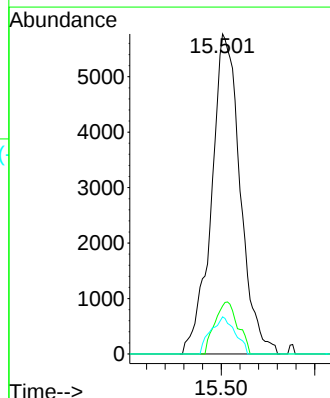
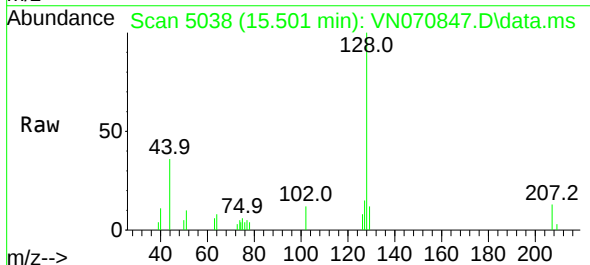
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBL01

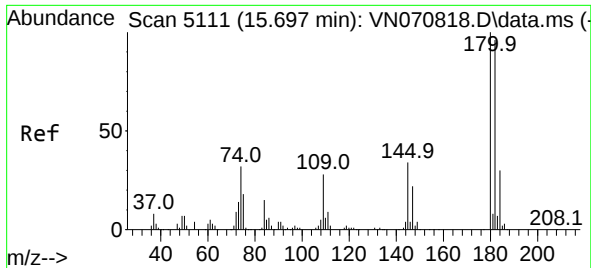
Tgt Ion:180	Resp:	3610
Ion Ratio	Lower	Upper
180	100	
182	86.7	48.3 144.9
145	18.2	14.5 43.5



#95
Naphthalene
Concen: 5.460 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070847.D
Acq: 31 Jan 2022 12:20

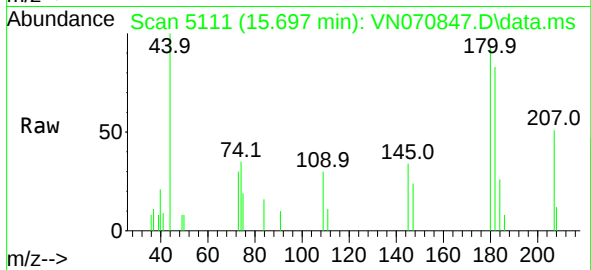
Tgt Ion:128	Resp:	12370
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.5 15.7
129	9.8	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.722 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN070847.D
 Acq: 31 Jan 2022 12:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBL01



Tgt Ion:180 Resp: 4014
 Ion Ratio Lower Upper
 180 100
 182 99.6 47.4 142.2
 145 31.9 15.0 45.1

