

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070615.D
 Acq On : 14 Jan 2022 11:32
 Operator : JC/MD
 Sample : VN0114MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 14 13:35:52 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)

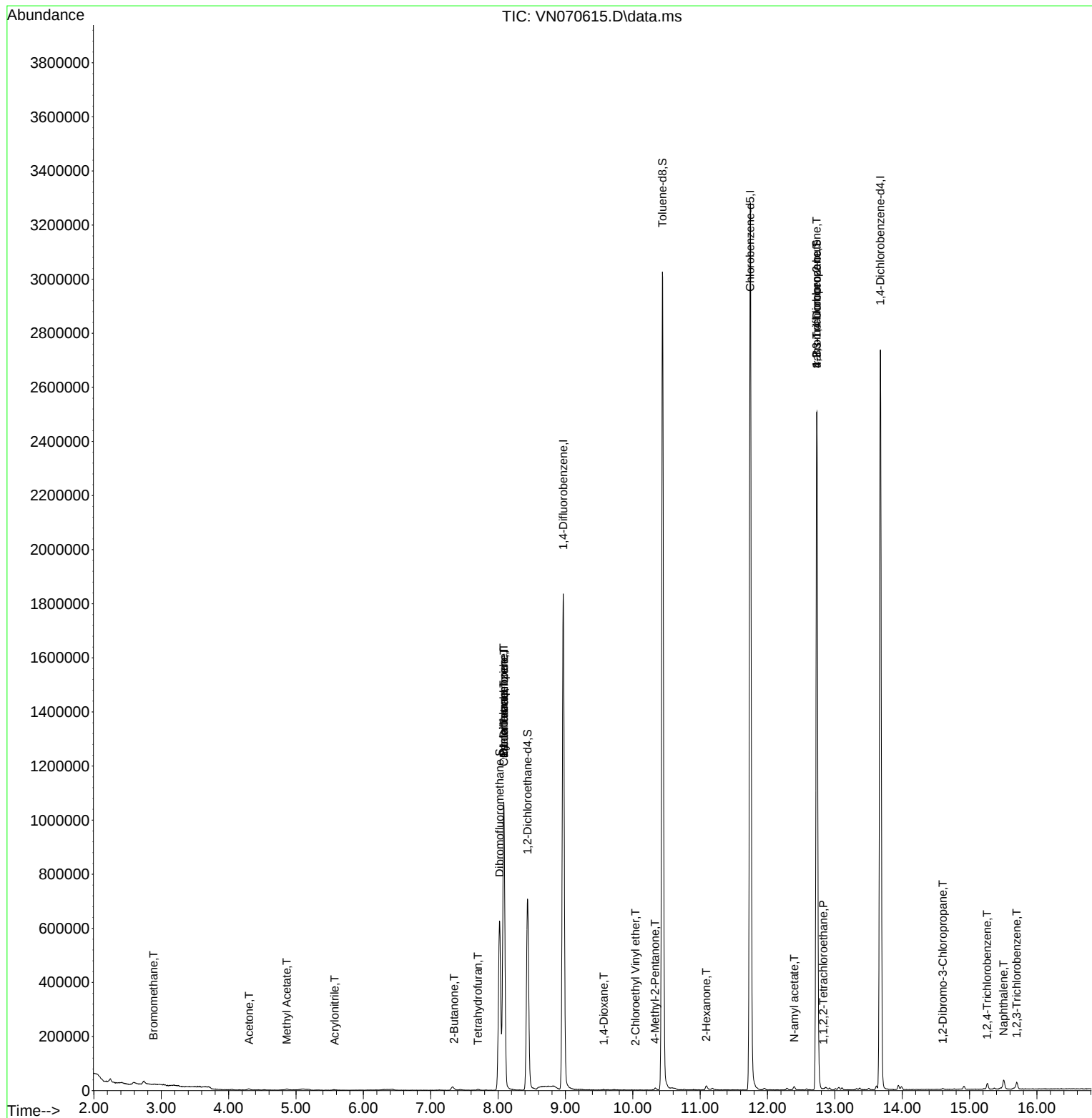
Internal Standards						
1) Pentafluorobenzene	8.086	168	814821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1585182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1889105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	767253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	600993	51.299	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.600%			
35) Dibromofluoromethane	8.021	113	462536	48.225	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.460%			
50) Toluene-d8	10.440	98	2109704	53.845	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.731	95	924938	65.361	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.720%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.885	94	2114	0.358	ug/l #	62
15) Acrylonitrile	5.573	53	2012	0.331	ug/l #	25
16) Acetone	4.301	43	7200	0.947	ug/l	100
18) Methyl Acetate	4.862	43	6566	0.298	ug/l #	88
25) 2-Butanone	7.345	43	2118	0.221	ug/l #	87
29) Tetrahydrofuran	7.699	42	3014	0.528	ug/l #	47
31) Cyclohexane	8.083	56	18844	1.019	ug/l #	13
36) 1,1-Dichloropropene	8.083	75	65273	4.114	ug/l #	48
38) Carbon Tetrachloride	8.088	117	78953	5.211	ug/l #	16
49) 1,4-Dioxane	9.571	88	230	1.016	ug/l #	1
51) 4-Methyl-2-Pentanone	10.330	43	6942	0.341	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.038	63	59	18.524	ug/l #	45
59) 2-Hexanone	11.089	43	14550	0.979	ug/l	85
74) N-amyl acetate	12.396	43	8434	0.282	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	1978	0.523	ug/l #	75
76) 1,2,3-Trichloropropane	12.731	75	480076	22.713	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	480076	76.447	ug/l #	5
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1118	0.271	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.260	180	8379	0.662	ug/l	95
95) Naphthalene	15.504	128	34900	2.759	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	11889	1.792	ug/l	91

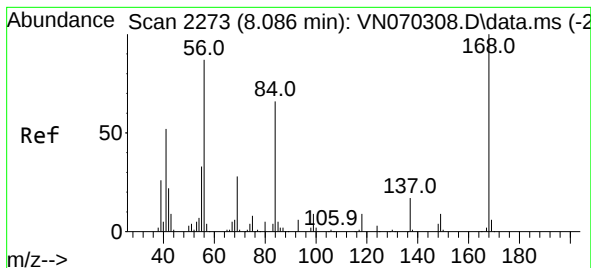
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070615.D
Acq On : 14 Jan 2022 11:32
Operator : JC/MD
Sample : VN0114MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 14 13:35:52 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070615.D

Acq: 14 Jan 2022 11:32

Instrument :

MSVOA_N

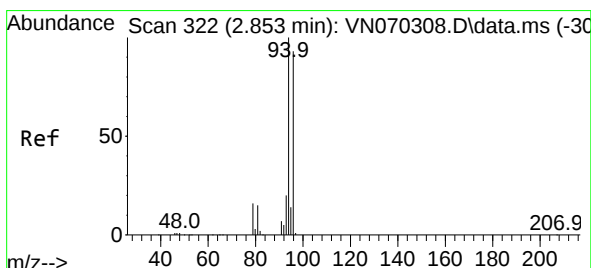
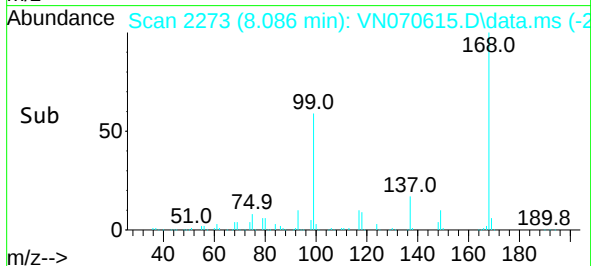
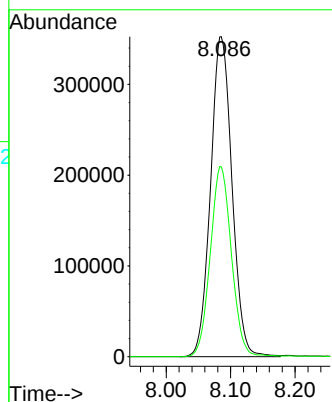
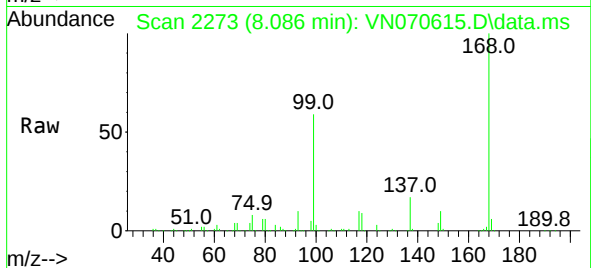
ClientSampleId :

Tgt Ion:168 Resp: 814821

Ion Ratio Lower Upper

168 100

99 59.4 41.3 61.9



#5

Bromomethane

Concen: 0.358 ug/l

RT: 2.885 min Scan# 334

Delta R.T. 0.032 min

Lab File: VN070615.D

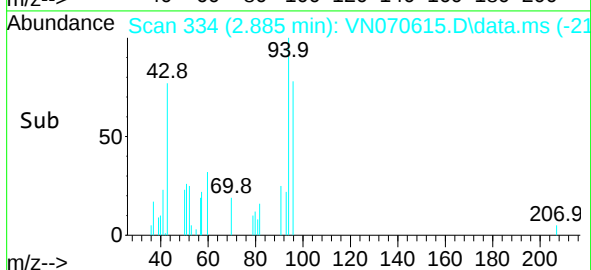
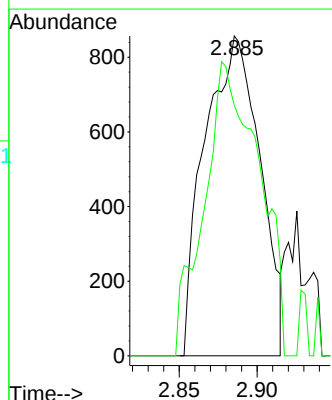
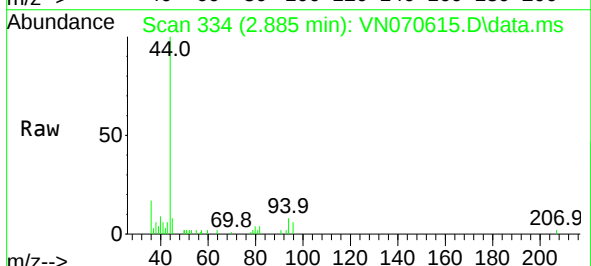
Acq: 14 Jan 2022 11:32

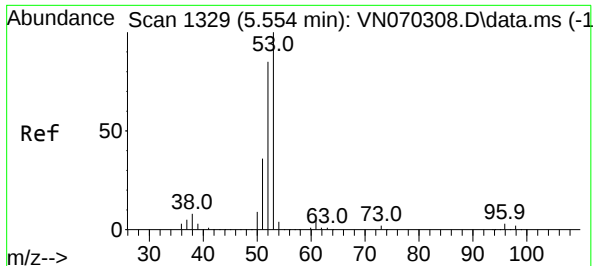
Tgt Ion: 94 Resp: 2114

Ion Ratio Lower Upper

94 100

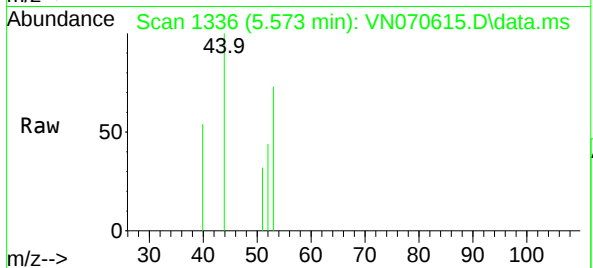
96 56.1 73.8 110.8#



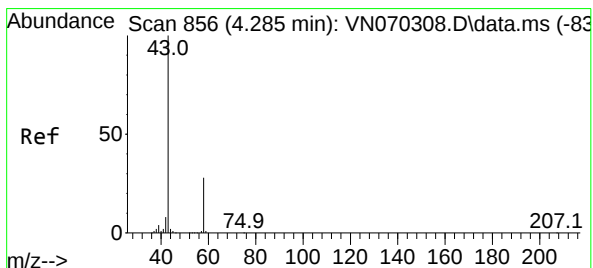
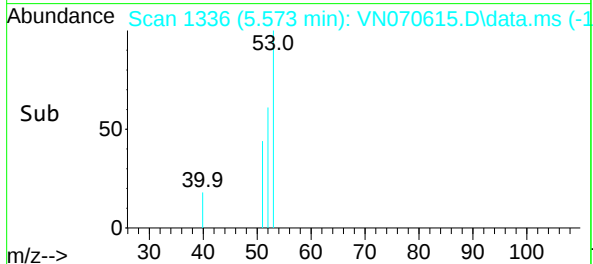
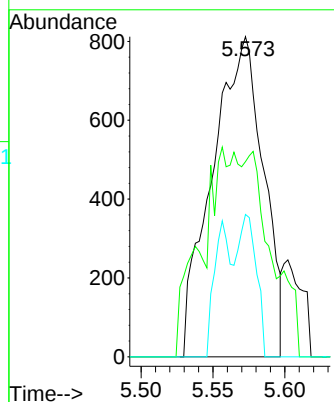


#15
Acrylonitrile
Concen: 0.331 ug/l
RT: 5.573 min Scan# 11
Delta R.T. 0.019 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :

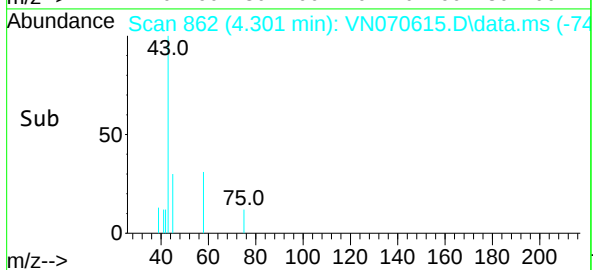
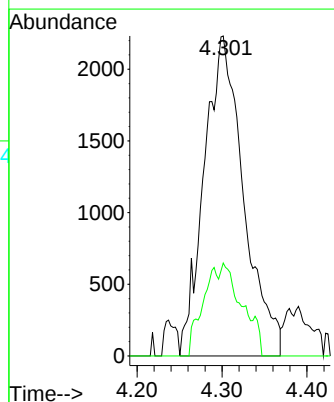
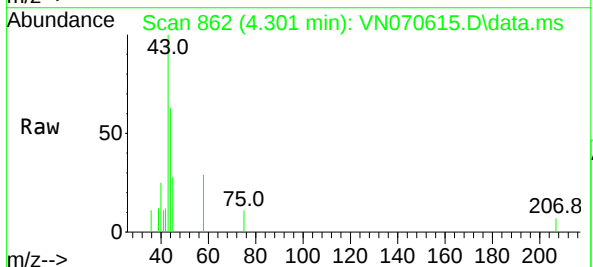


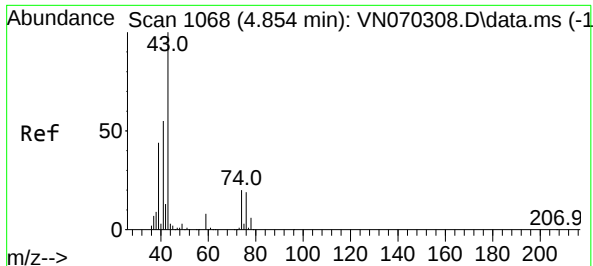
Tgt Ion: 53 Resp: 2012
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 15.7 29.6 44.4#



#16
Acetone
Concen: 0.947 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Tgt Ion: 43 Resp: 7200
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7





#18

Methyl Acetate

Concen: 0.298 ug/l

RT: 4.862 min Scan# 1068

Delta R.T. 0.008 min

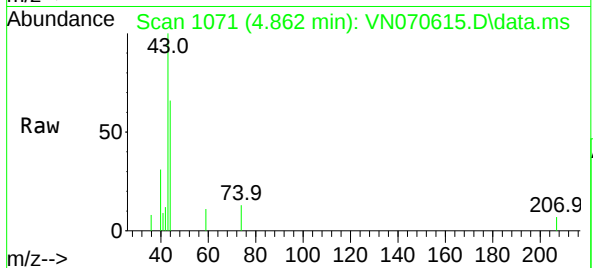
Lab File: VN070615.D

Acq: 14 Jan 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :

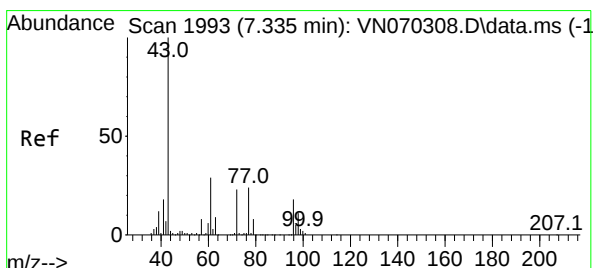
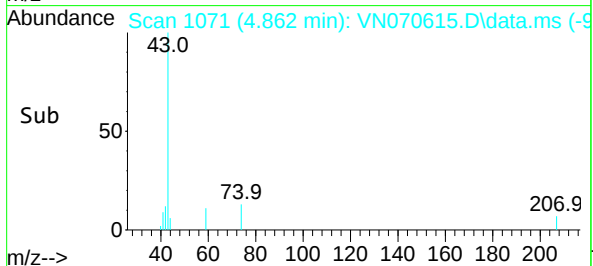
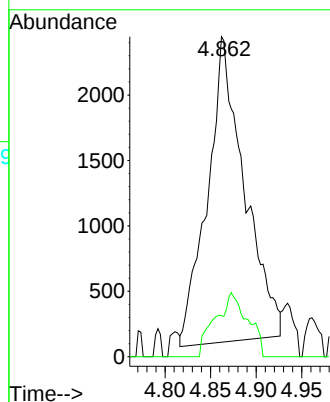


Tgt Ion: 43 Resp: 6566

Ion Ratio Lower Upper

43 100

74 18.4 19.4 29.2#



#25

2-Butanone

Concen: 0.221 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.010 min

Lab File: VN070615.D

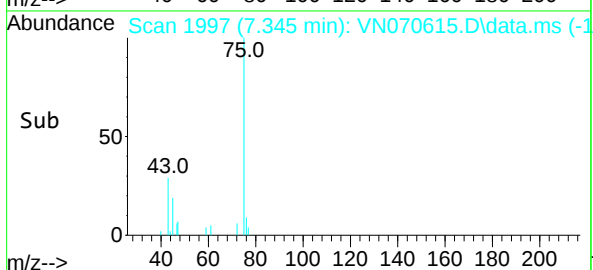
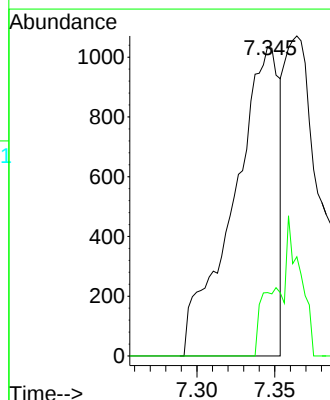
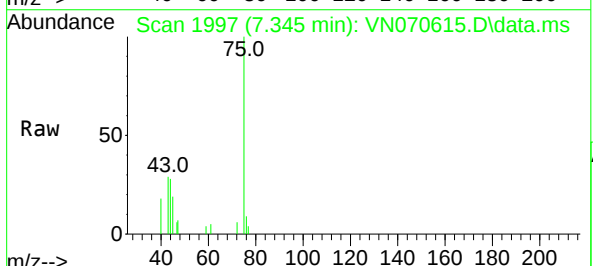
Acq: 14 Jan 2022 11:32

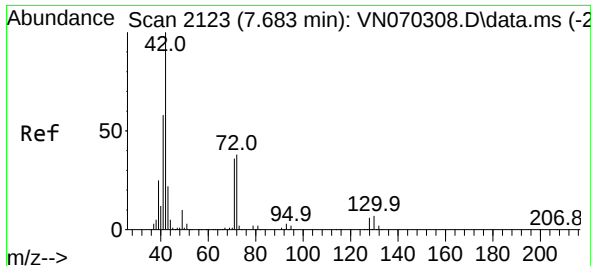
Tgt Ion: 43 Resp: 2118

Ion Ratio Lower Upper

43 100

72 20.5 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.528 ug/l

RT: 7.699 min Scan# 2123

Delta R.T. 0.016 min

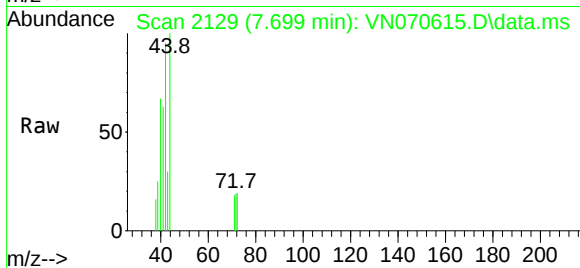
Lab File: VN070615.D

Acq: 14 Jan 2022 11:32

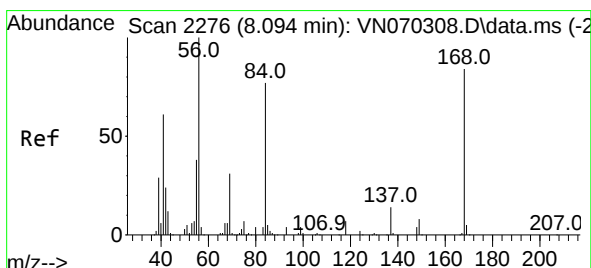
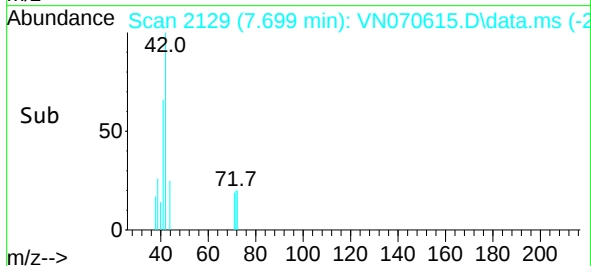
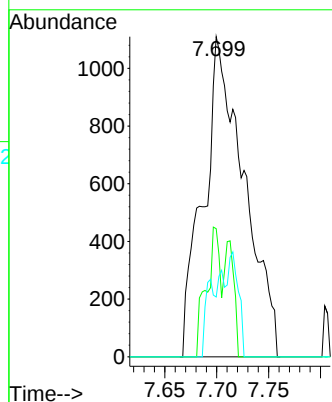
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	3014
Ion Ratio	100	Lower	Upper
72	13.7	36.3	54.5#
71	6.0	34.7	52.1#



#31

Cyclohexane

Concen: 1.019 ug/l

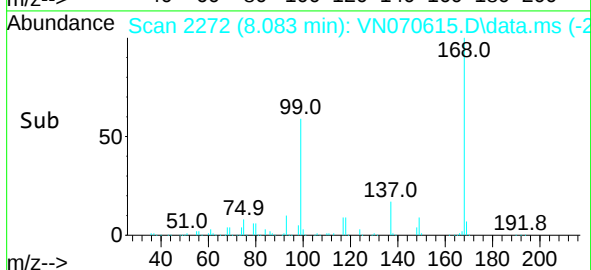
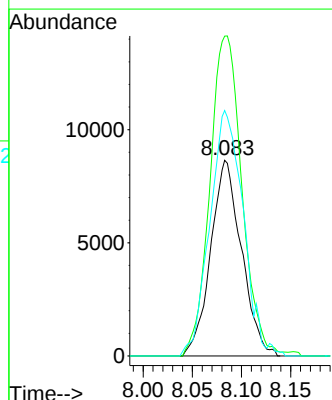
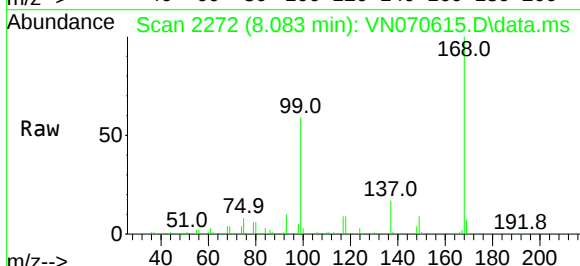
RT: 8.083 min Scan# 2272

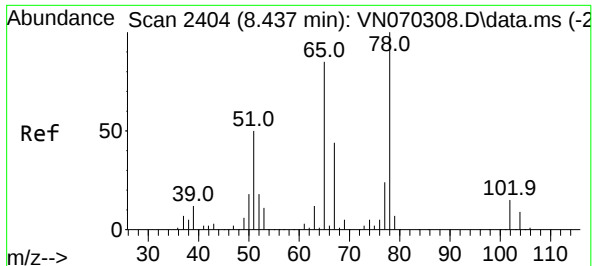
Delta R.T. -0.011 min

Lab File: VN070615.D

Acq: 14 Jan 2022 11:32

Tgt Ion:	56	Resp:	18844
Ion Ratio	100	Lower	Upper
69	163.5	27.1	40.7#
84	125.4	73.4	110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.299 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070615.D

Acq: 14 Jan 2022 11:32

Instrument :

MSVOA_N

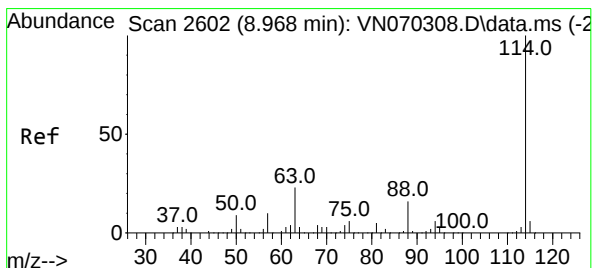
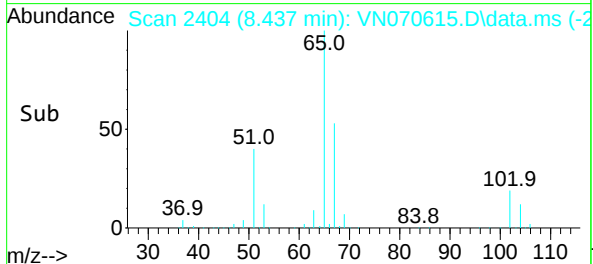
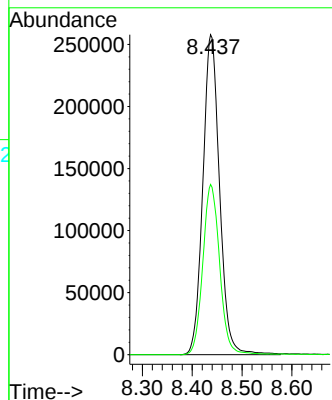
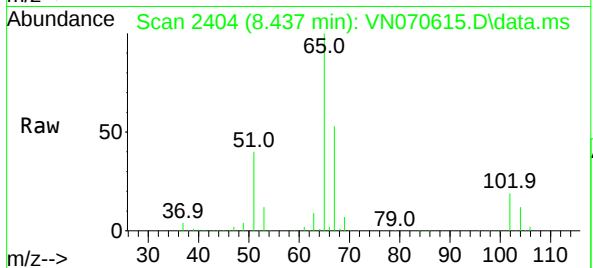
ClientSampleId :

Tgt Ion: 65 Resp: 600993

Ion Ratio Lower Upper

65 100

67 53.5 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: VN070615.D

Acq: 14 Jan 2022 11:32

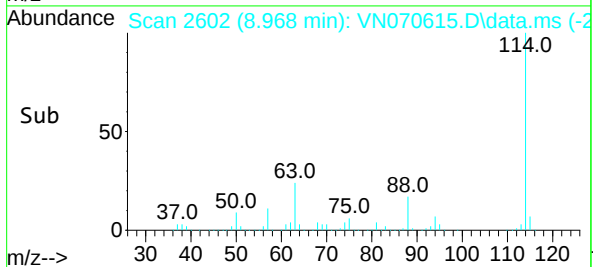
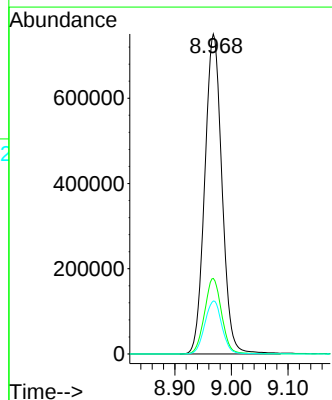
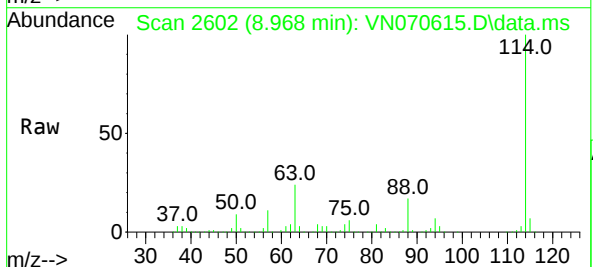
Tgt Ion: 114 Resp: 1585182

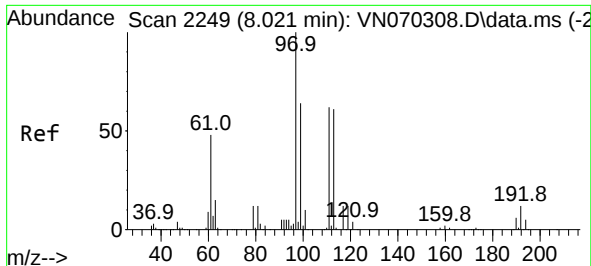
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

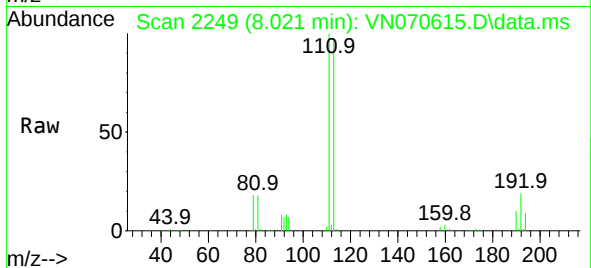
88 16.6 0.0 27.4



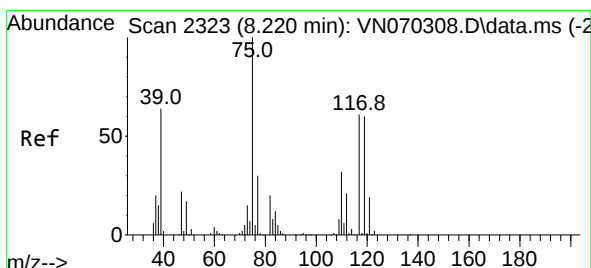
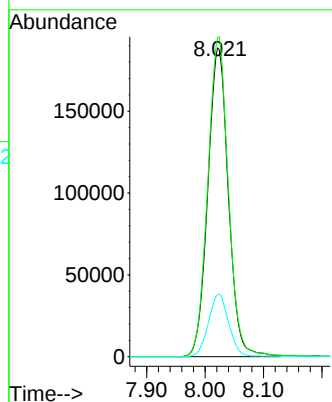
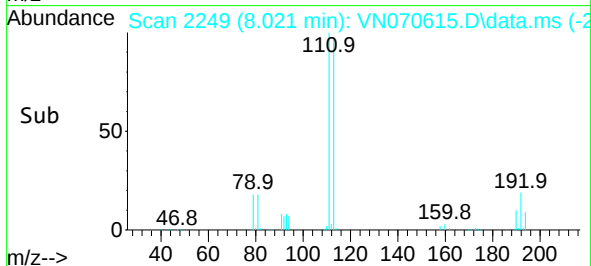


#35
Dibromofluoromethane
Concen: 48.225 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :

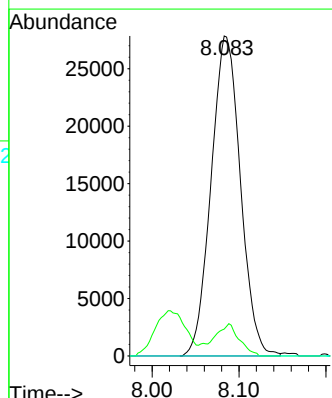
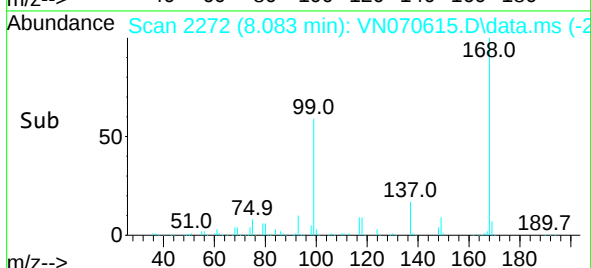
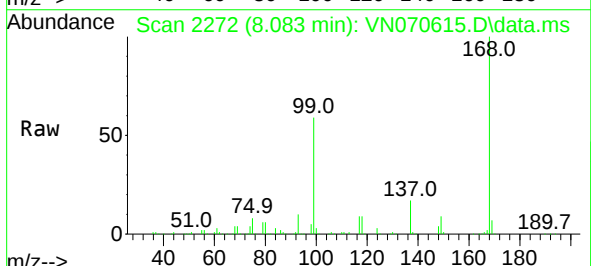


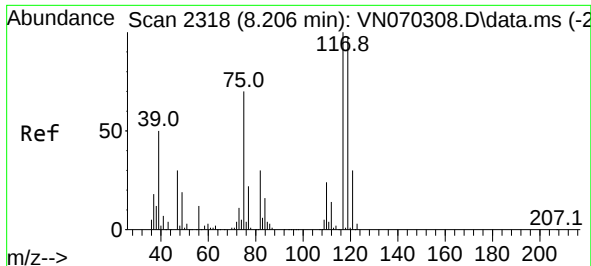
Tgt Ion:113 Resp: 462536
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.114 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

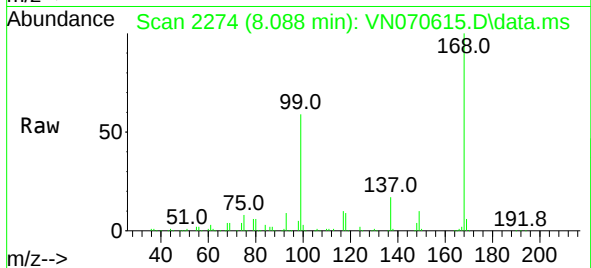
Tgt Ion: 75 Resp: 65273
Ion Ratio Lower Upper
75 100
110 7.9 18.4 55.2#
77 0.0 24.4 36.6#



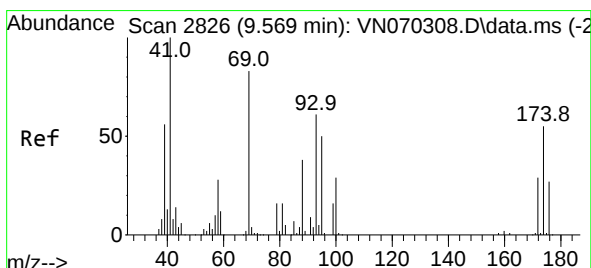
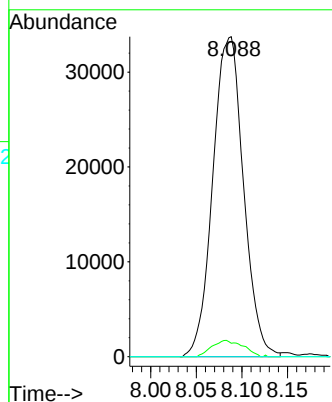
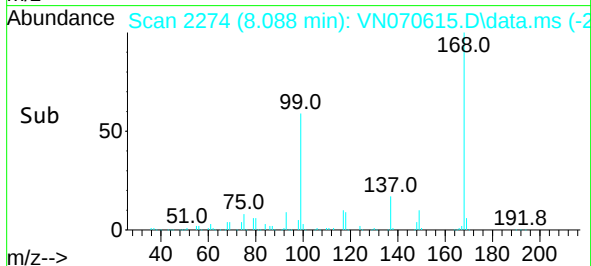


#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Instrument :
MSVOA_N
ClientSampleId :

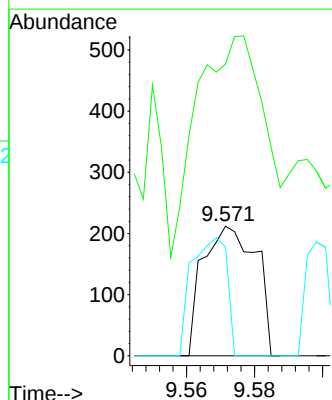
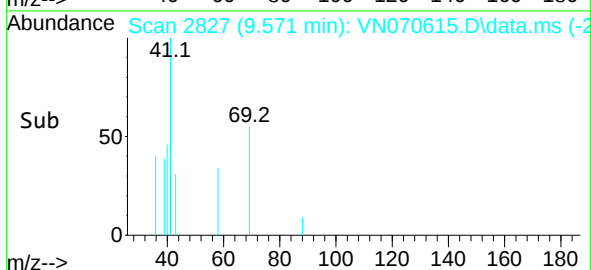
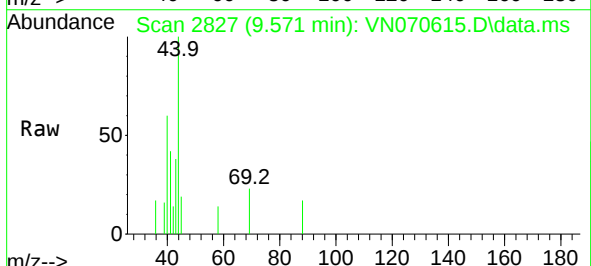


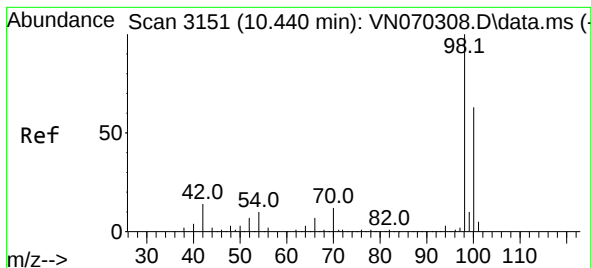
Tgt Ion:117 Resp: 78953
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 1.016 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
43 215.7 23.4 35.2#
58 60.4 50.6 75.8

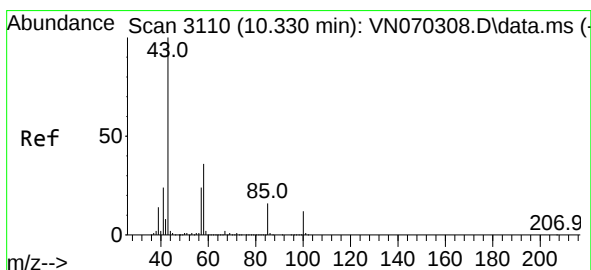
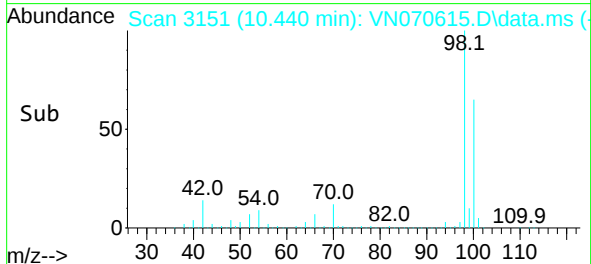
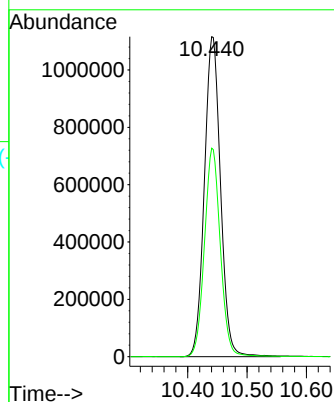
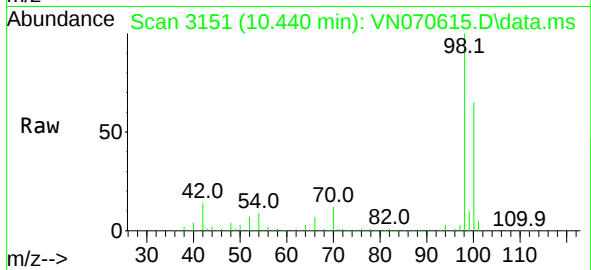




#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

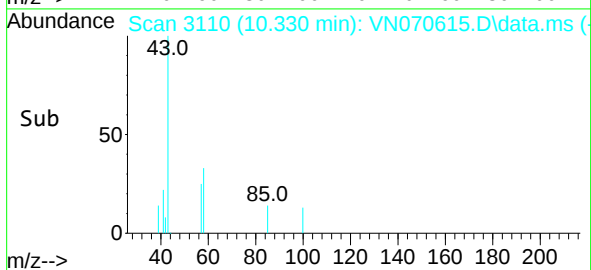
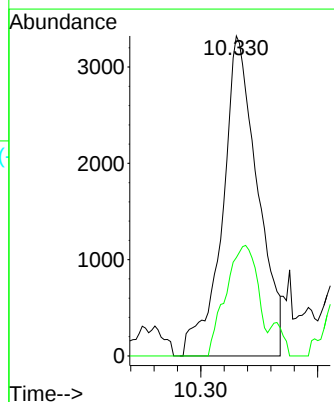
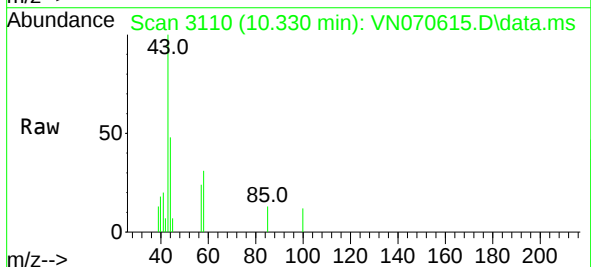
Instrument :
MSVOA_N
ClientSampleId :

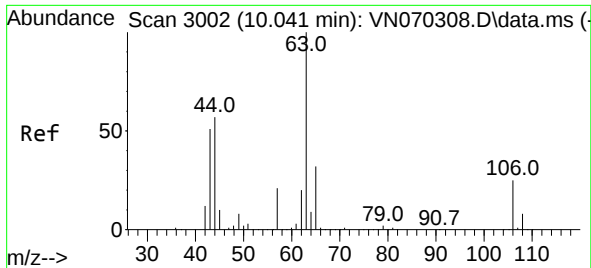
Tgt Ion: 98 Resp: 2109704
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.341 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Tgt Ion: 43 Resp: 6942
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6

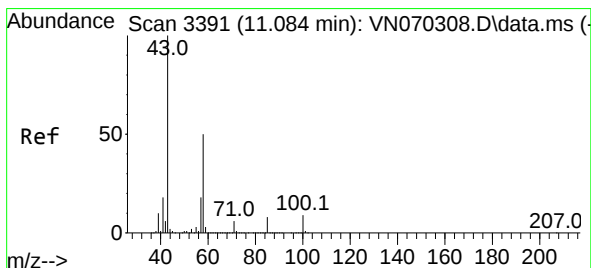
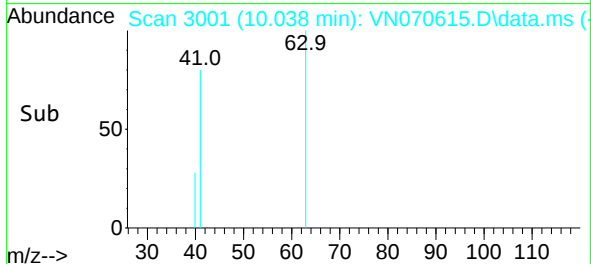
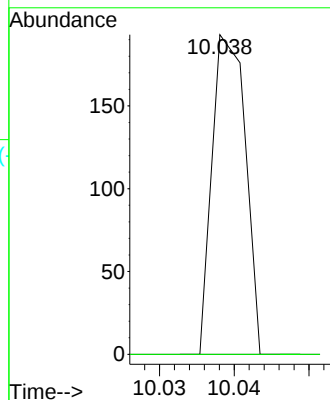
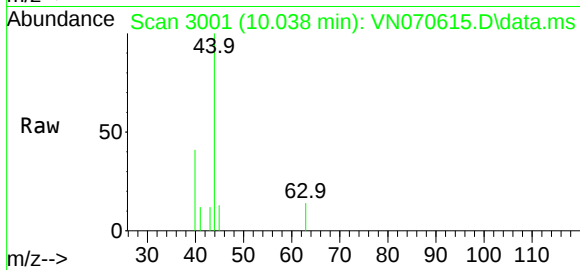




#58
2-Chloroethyl Vinyl ether
Concen: 18.524 ug/l
RT: 10.038 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

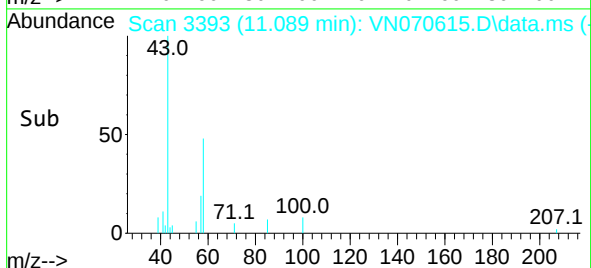
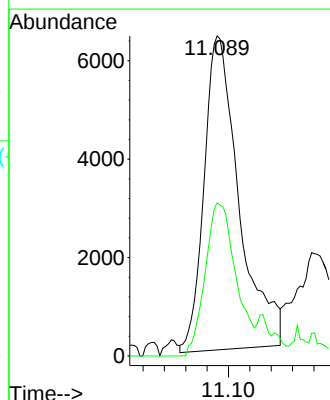
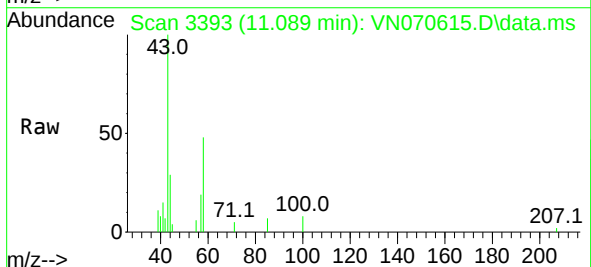
Instrument :
MSVOA_N
ClientSampleId :

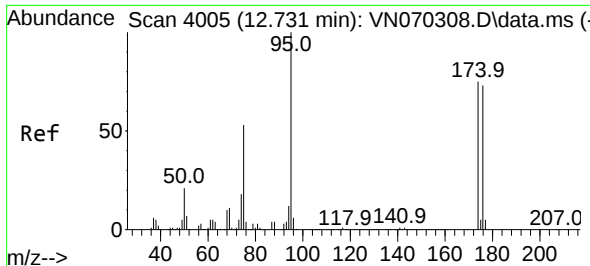
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 0.979 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Tgt Ion: 43 Resp: 14550
Ion Ratio Lower Upper
43 100
58 42.8 26.9 80.7

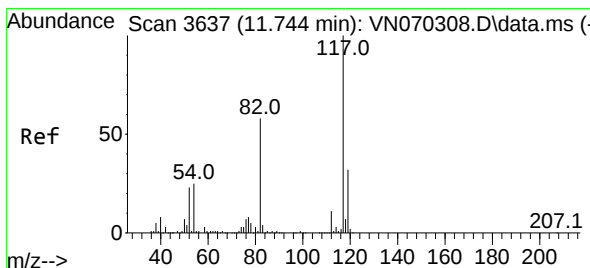
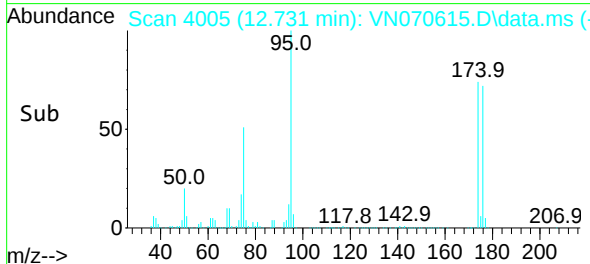
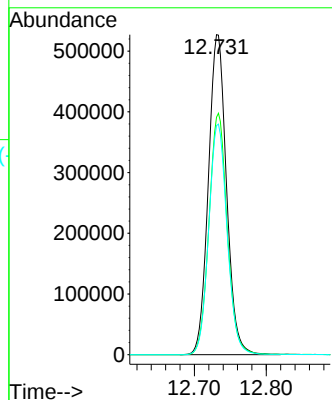
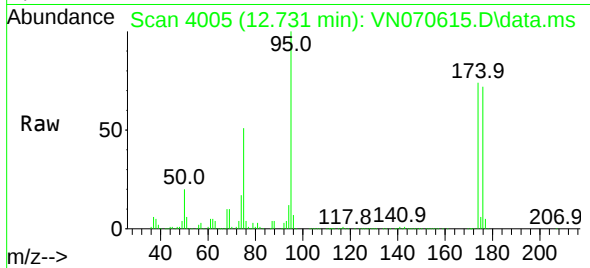




#62
4-Bromofluorobenzene
Concen: 65.361 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

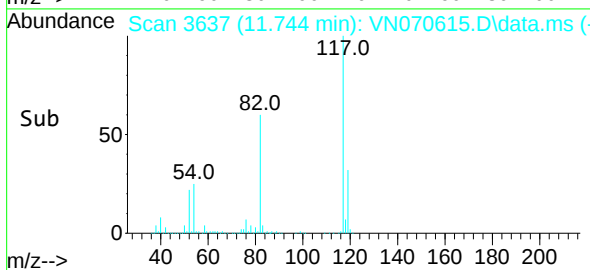
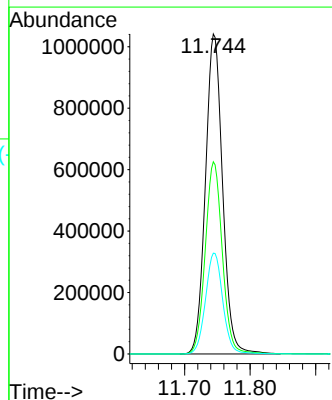
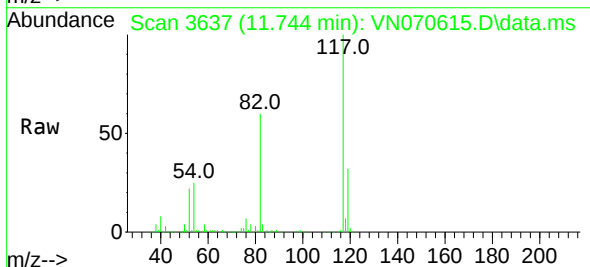
Instrument :
MSVOA_N
ClientSampleId :

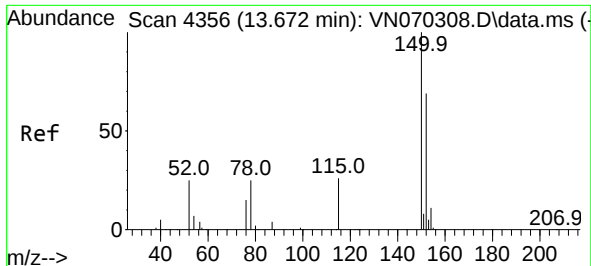
Tgt Ion: 95 Resp: 924938
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

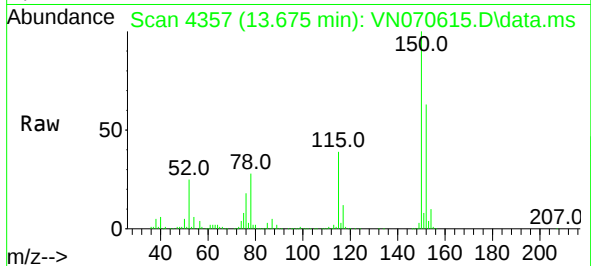
Tgt Ion: 117 Resp: 1889105
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.5 25.4 38.2



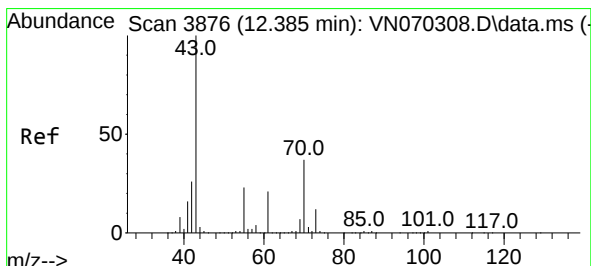
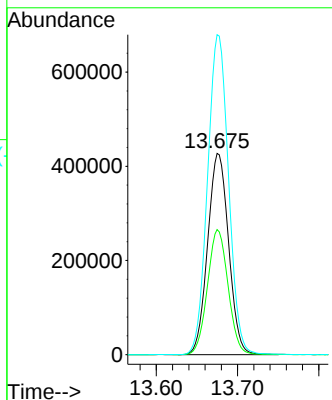
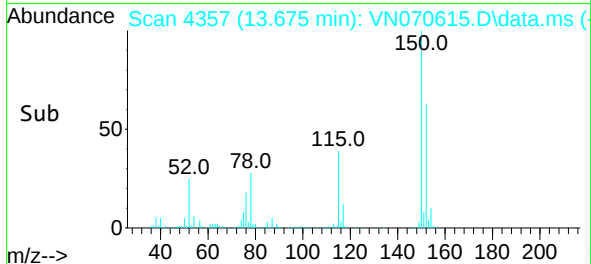


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

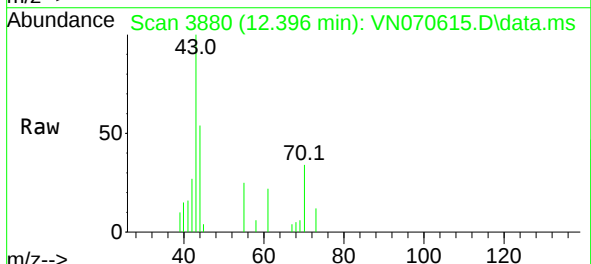
Instrument :
MSVOA_N
ClientSampleId :



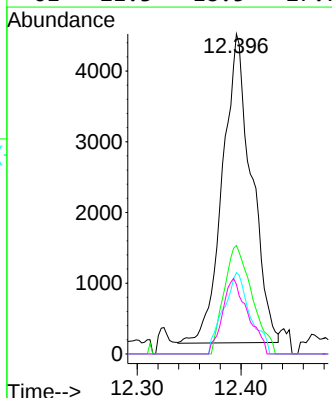
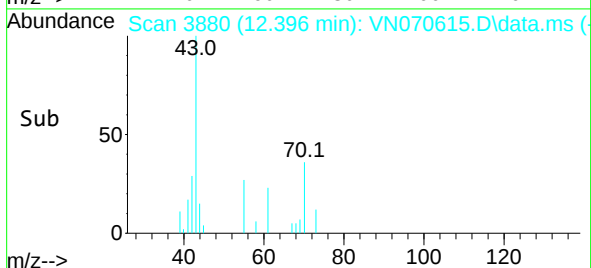
Tgt Ion:152 Resp: 767253
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 159.1 0.0 344.4

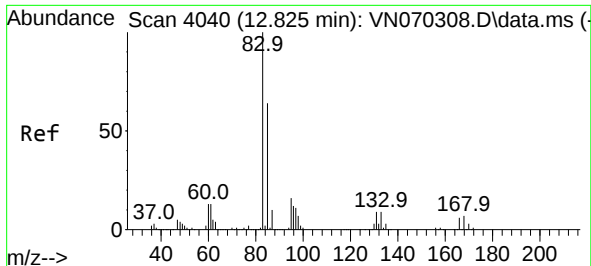


#74
N-ethyl acetate
Concen: 0.282 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.011 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32



Tgt Ion: 43 Resp: 8434
Ion Ratio Lower Upper
43 100
70 33.9 33.4 50.0
55 24.1 19.3 28.9
61 21.3 18.5 27.7

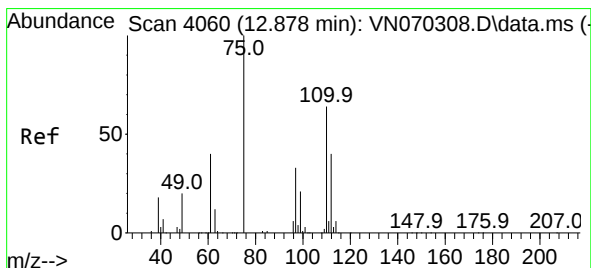
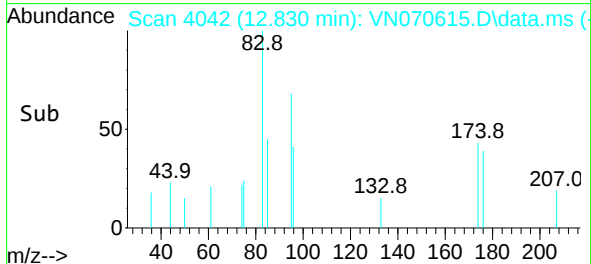
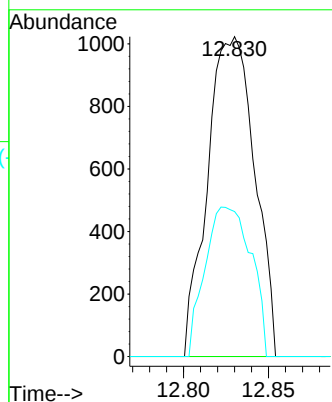
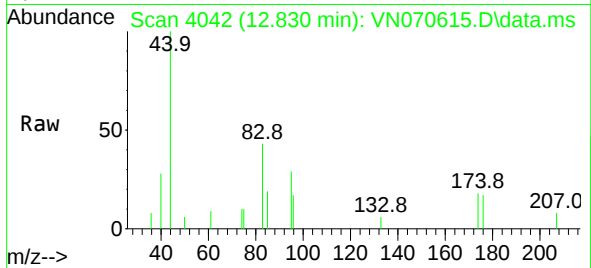




#75
1,1,2,2-Tetrachloroethane
Concen: 0.523 ug/l
RT: 12.830 min Scan# 4040
Delta R.T. 0.005 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

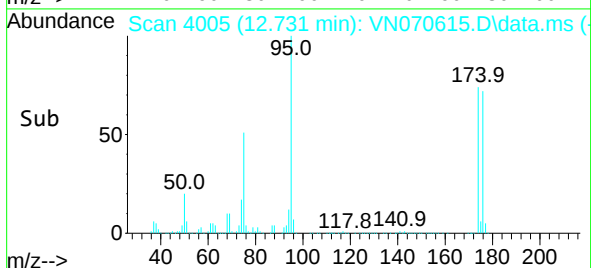
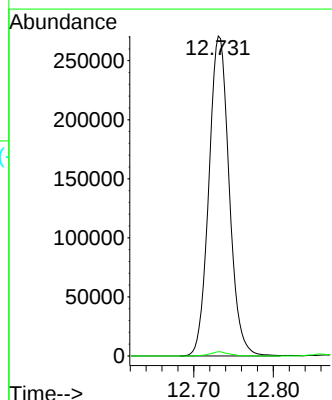
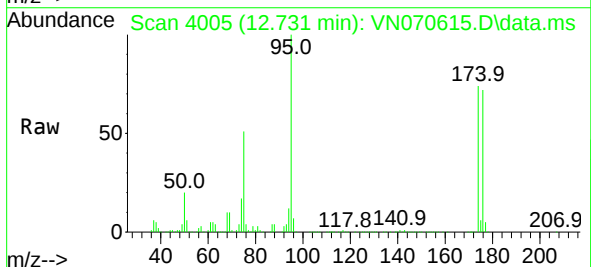
Instrument :
MSVOA_N
ClientSampleId :

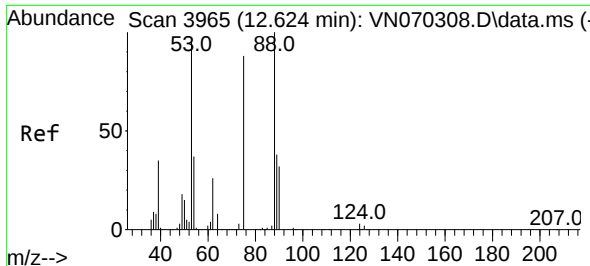
Tgt Ion: 83 Resp: 1978
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 45.4 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 22.713 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

Tgt Ion: 75 Resp: 480076
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

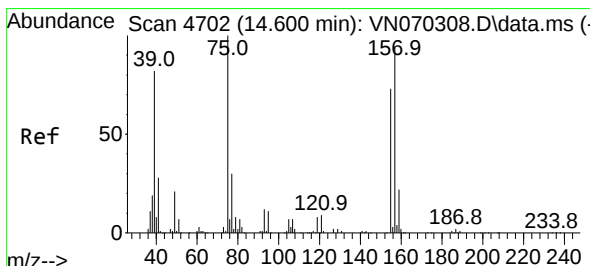
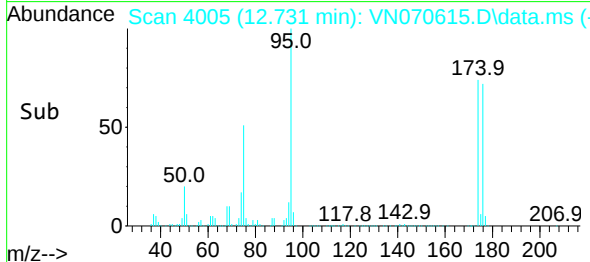
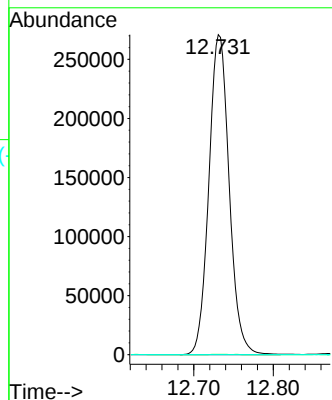
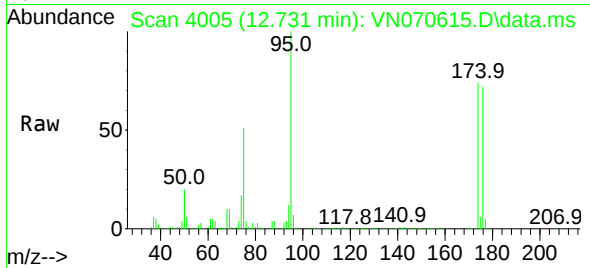




#81
trans-1,4-Dichloro-2-butene
Concen: 76.447 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

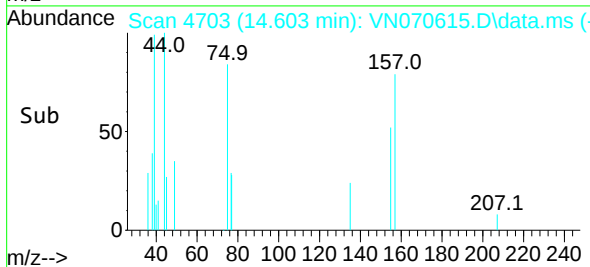
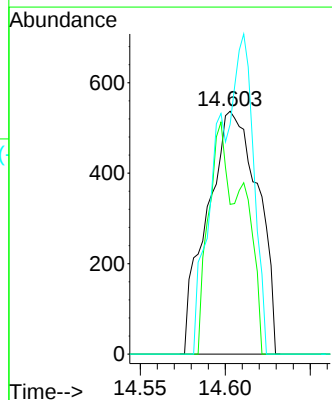
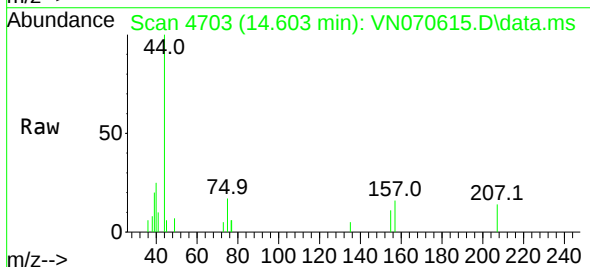
Instrument :
MSVOA_N
ClientSampleId :

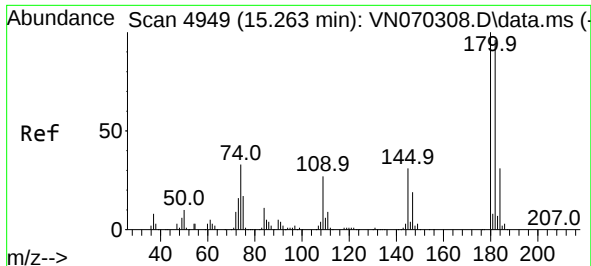
Tgt Ion: 75 Resp: 480076
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.271 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

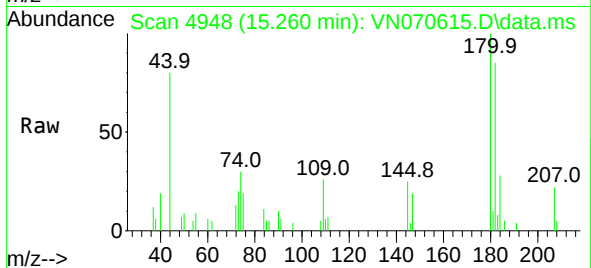
Tgt Ion: 75 Resp: 1118
Ion Ratio Lower Upper
75 100
155 42.1 46.9 140.7#
157 36.9 60.6 181.7#



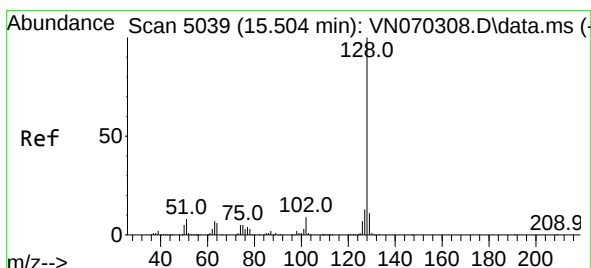
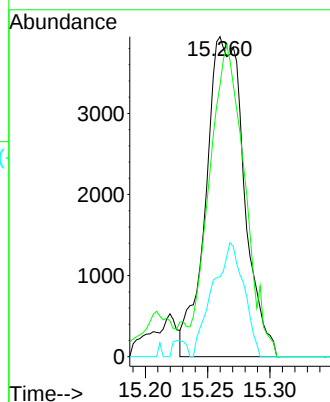
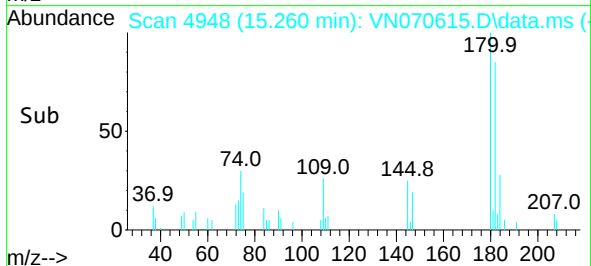


#93
1,2,4-Trichlorobenzene
Concen: 0.662 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32

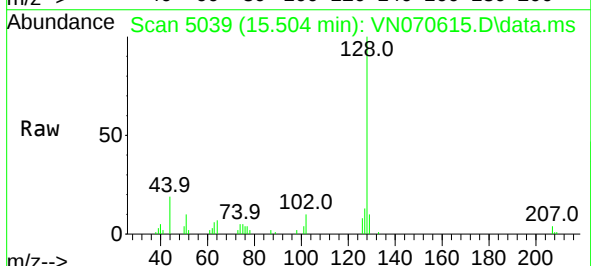
Instrument :
MSVOA_N
ClientSampleId :



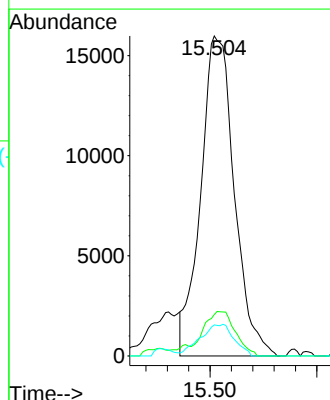
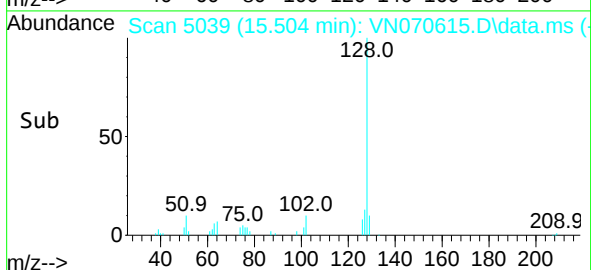
Tgt Ion:180 Resp: 8379
Ion Ratio Lower Upper
180 100
182 89.9 48.3 144.9
145 29.0 14.5 43.5

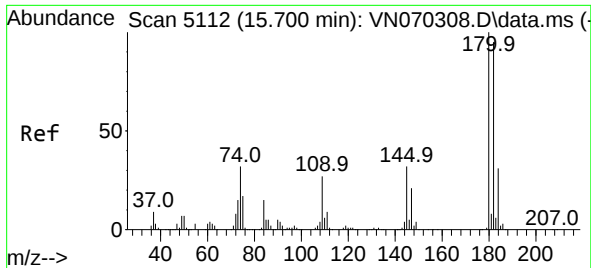


#95
Naphthalene
Concen: 2.759 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070615.D
Acq: 14 Jan 2022 11:32



Tgt Ion:128 Resp: 34900
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.0 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 1.792 ug/l

RT: 15.700 min Scan# 51

Delta R.T. -0.000 min

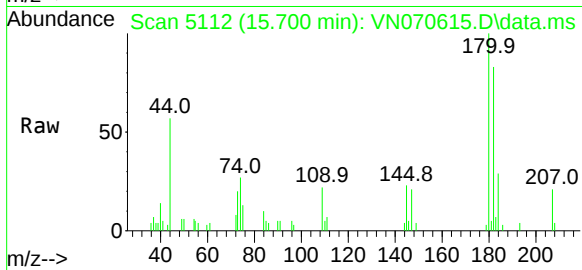
Lab File: VN070615.D

Acq: 14 Jan 2022 11:32

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 11889

Ion Ratio Lower Upper

180 100

182 85.0 47.4 142.2

145 27.3 15.0 45.1

