

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070784.D
 Acq On : 26 Jan 2022 12:38
 Operator : JC/MD
 Sample : VN0126WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBL01

Quant Time: Jan 27 03:31:36 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)

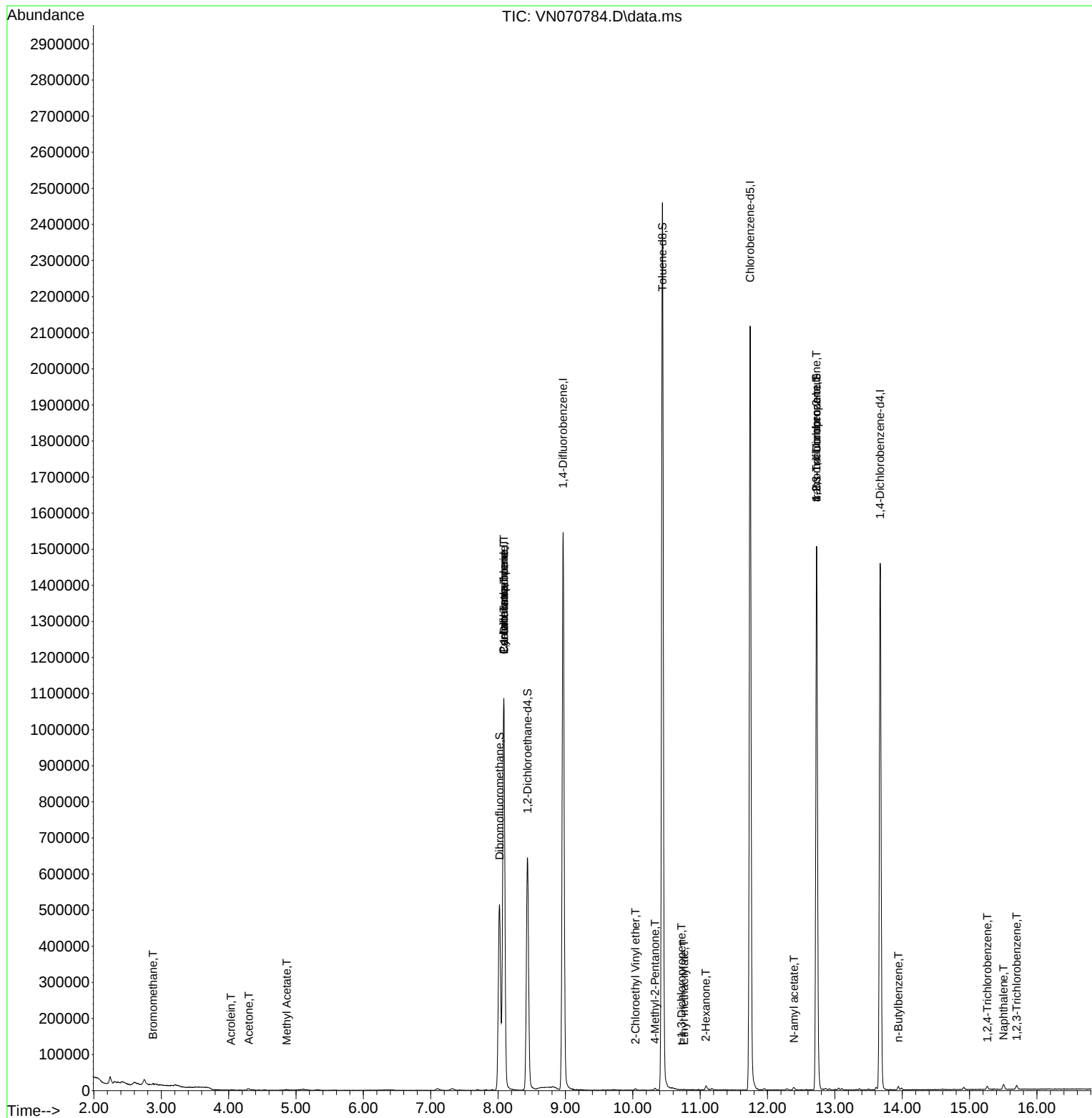
Internal Standards						
1) Pentafluorobenzene	8.086	168	815321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1296105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1236767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	406054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	566662	48.496	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.000%		
35) Dibromofluoromethane	8.021	113	385720	47.977	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.960%		
50) Toluene-d8	10.441	98	1730933	51.106	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.220%		
62) 4-Bromofluorobenzene	12.728	95	561676	46.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.080%		
Target Compounds					Qvalue	
5) Bromomethane	2.877	94	1879	0.275	ug/l #	79
13) Acrolein	4.036	56	755	0.250	ug/l	88
16) Acetone	4.299	43	4072	0.502	ug/l	92
18) Methyl Acetate	4.865	43	4238	0.266	ug/l #	70
30) Chloroform	7.810	83	871	Below Cal	#	64
31) Cyclohexane	8.086	56	18653	0.907	ug/l #	4
36) 1,1-Dichloropropene	8.086	75	66719	4.929	ug/l #	49
38) Carbon Tetrachloride	8.086	117	83597	6.943	ug/l #	16
51) 4-Methyl-2-Pentanone	10.328	43	4419	0.252	ug/l #	60
53) t-1,3-Dichloropropene	10.722	75	60	2.407	ug/l #	47
56) Ethyl methacrylate	10.762	69	778	2.341	ug/l #	76
58) 2-Chloroethyl Vinyl ether	10.041	63	1765	21.576	ug/l	97
59) 2-Hexanone	11.084	43	10035	0.789	ug/l	95
74) N-amyl acetate	12.393	43	5412	0.345	ug/l #	88
76) 1,2,3-Trichloropropane	12.728	75	302457	28.084	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	302457	83.668	ug/l #	5
89) n-Butylbenzene	13.943	91	5756	0.242	ug/l	94
93) 1,2,4-Trichlorobenzene	15.265	180	3379	3.845	ug/l	95
95) Naphthalene	15.504	128	13805	5.539	ug/l	97
96) 1,2,3-Trichlorobenzene	15.700	180	4239	3.769	ug/l	98

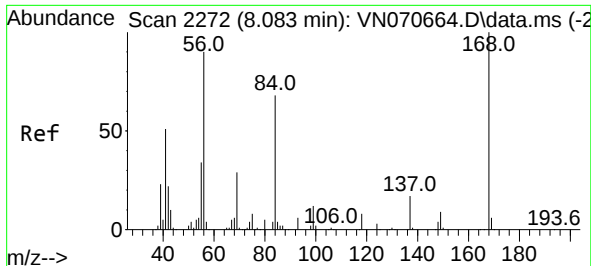
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
Data File : VN070784.D
Acq On : 26 Jan 2022 12:38
Operator : JC/MD
Sample : VN0126WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

Quant Time: Jan 27 03:31:36 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

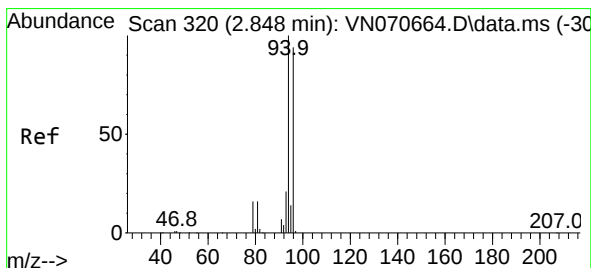
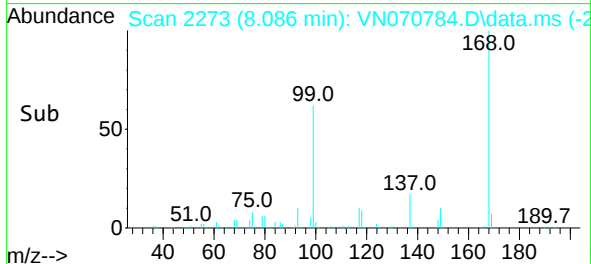
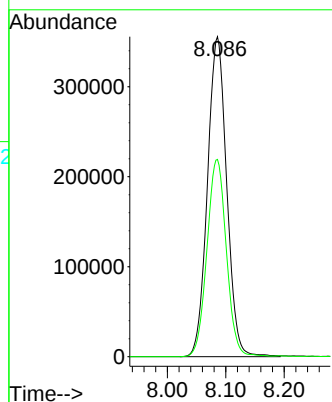
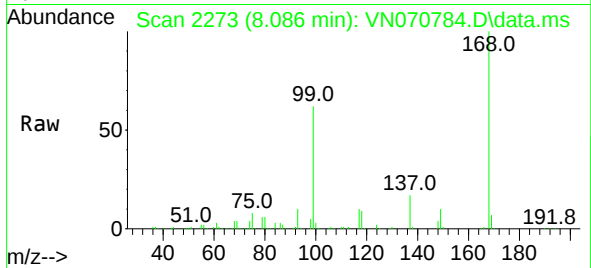




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

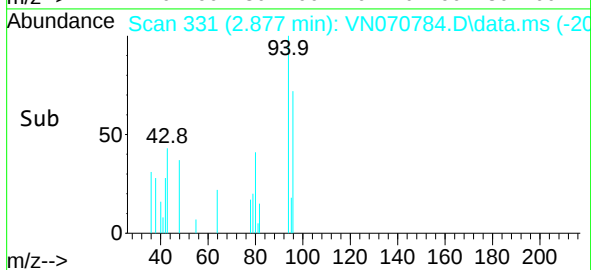
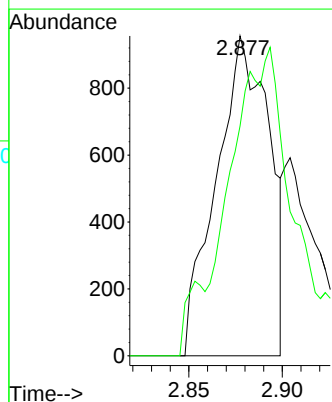
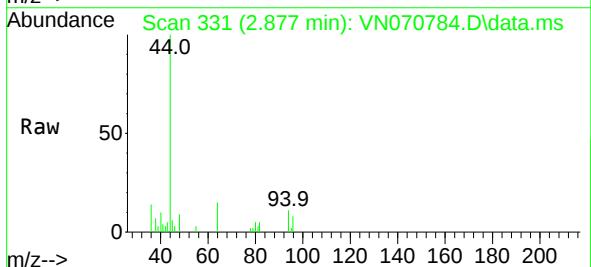
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

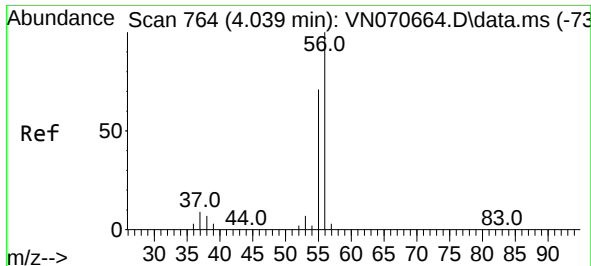
Tgt Ion:168 Resp: 815321
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#5
Bromomethane
Concen: 0.275 ug/l
RT: 2.877 min Scan# 331
Delta R.T. 0.029 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 94 Resp: 1879
Ion Ratio Lower Upper
94 100
96 71.9 73.8 110.8#





#13

Acrolein

Concen: 0.250 ug/l

RT: 4.036 min Scan# 764

Delta R.T. -0.003 min

Lab File: VN070784.D

Acq: 26 Jan 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

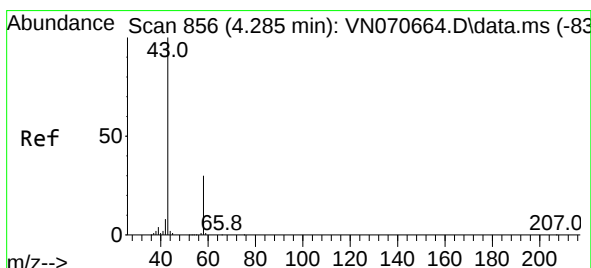
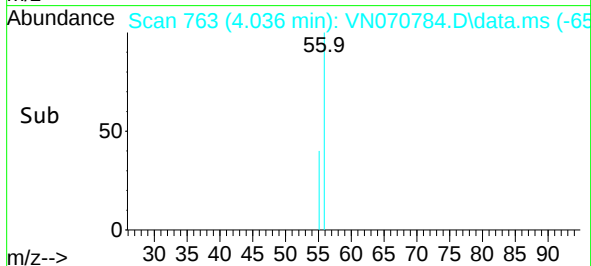
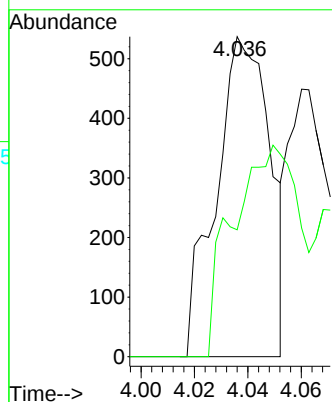
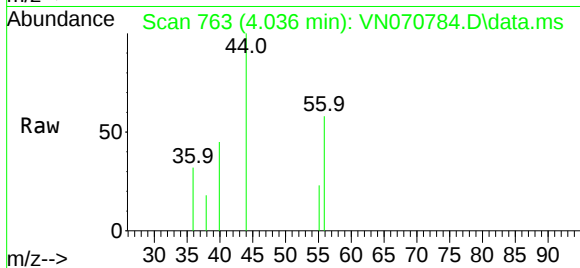
VN0126WBL01

Tgt Ion: 56 Resp: 755

Ion Ratio Lower Upper

56 100

55 80.4 56.6 85.0



#16

Acetone

Concen: 0.502 ug/l

RT: 4.299 min Scan# 861

Delta R.T. 0.014 min

Lab File: VN070784.D

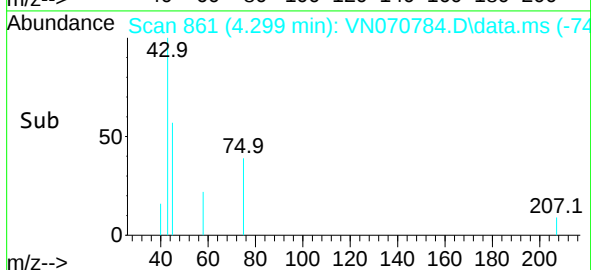
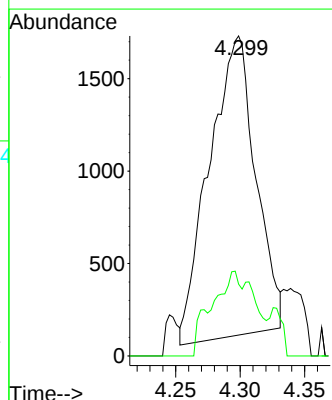
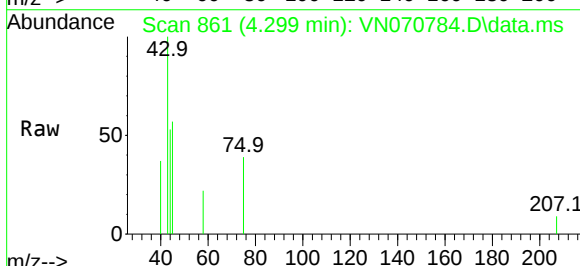
Acq: 26 Jan 2022 12:38

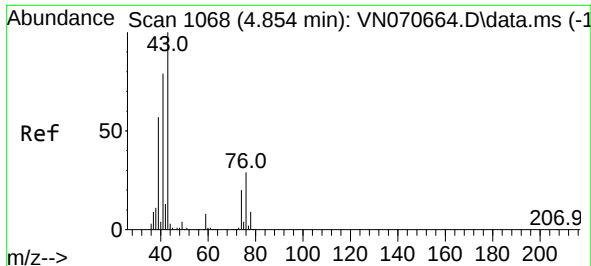
Tgt Ion: 43 Resp: 4072

Ion Ratio Lower Upper

43 100

58 24.6 23.1 34.7





#18

Methyl Acetate

Concen: 0.266 ug/l

RT: 4.865 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN070784.D

Acq: 26 Jan 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

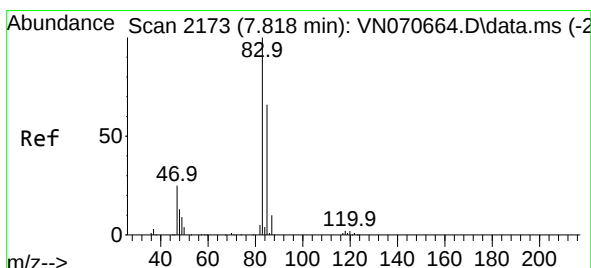
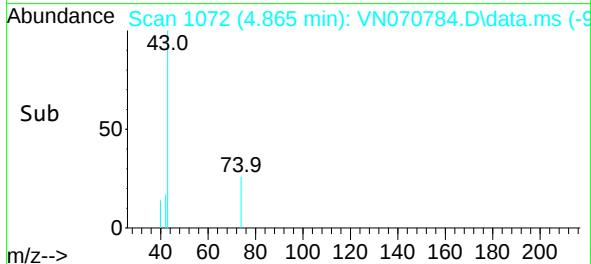
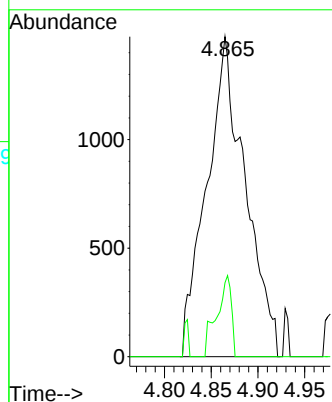
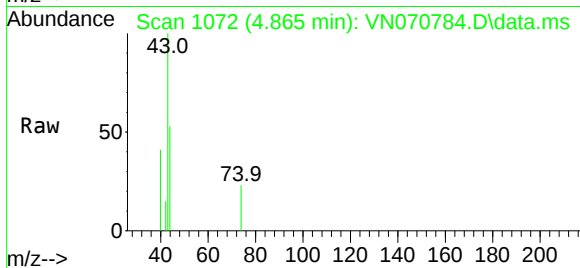
VN0126WBL01

Tgt Ion: 43 Resp: 4238

Ion Ratio Lower Upper

43 100

74 9.6 19.4 29.2#



#30

Chloroform

Concen: Below Cal

RT: 7.810 min Scan# 2170

Delta R.T. -0.008 min

Lab File: VN070784.D

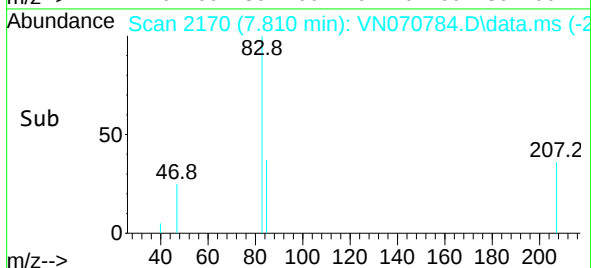
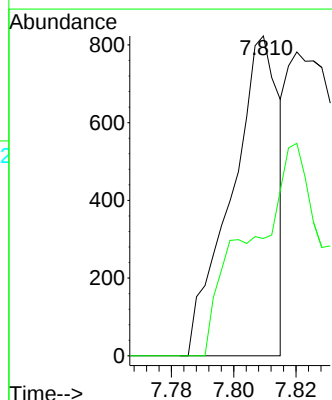
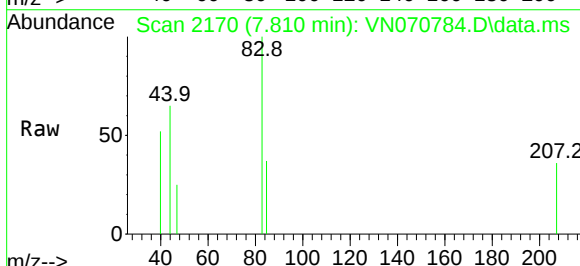
Acq: 26 Jan 2022 12:38

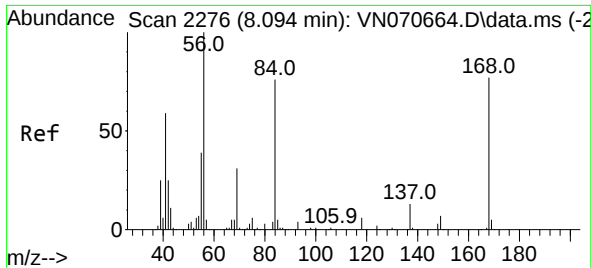
Tgt Ion: 83 Resp: 871

Ion Ratio Lower Upper

83 100

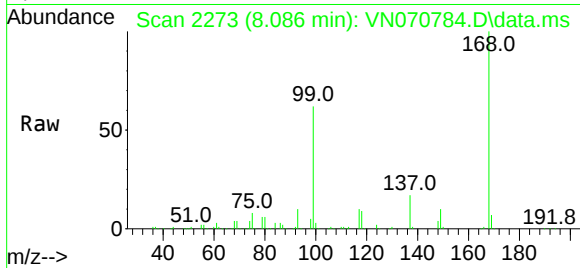
85 36.7 51.9 77.9#



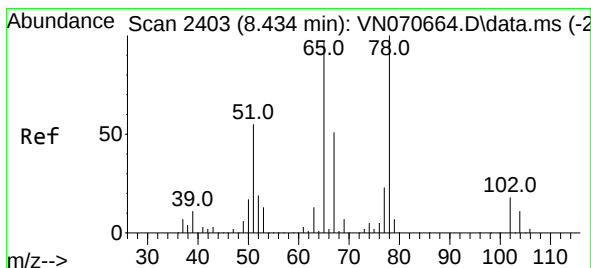
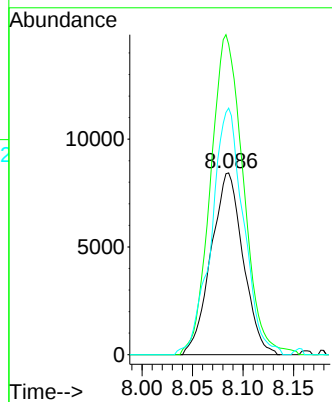
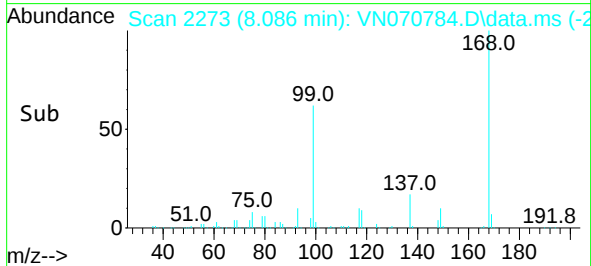


#31
Cyclohexane
Concen: 0.907 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

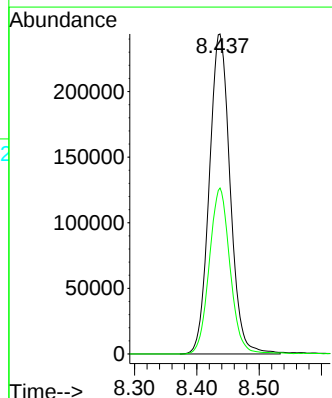
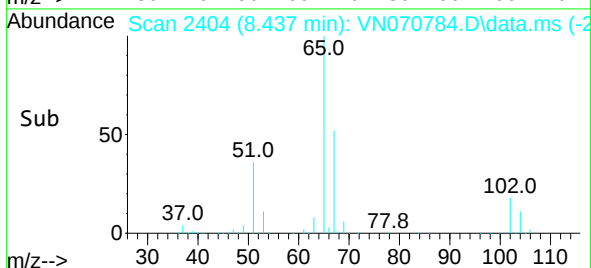
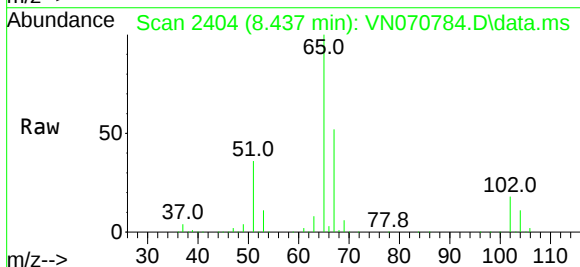


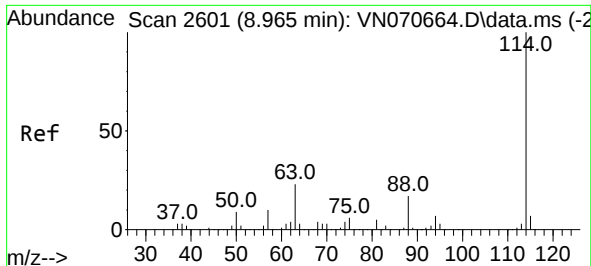
Tgt Ion: 56 Resp: 18653
Ion Ratio Lower Upper
56 100
69 170.7 27.1 40.7#
84 133.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 48.496 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 65 Resp: 566662
Ion Ratio Lower Upper
65 100
67 51.6 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: VN070784.D

Acq: 26 Jan 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0126WBL01

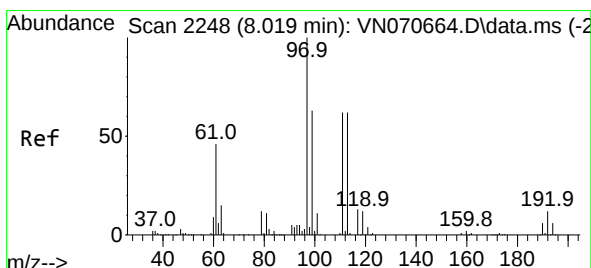
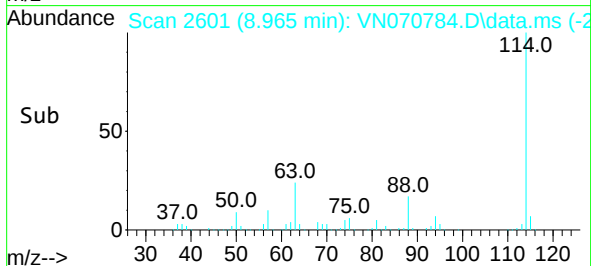
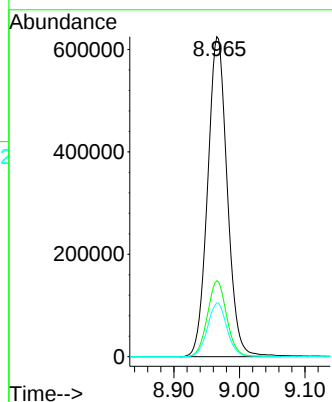
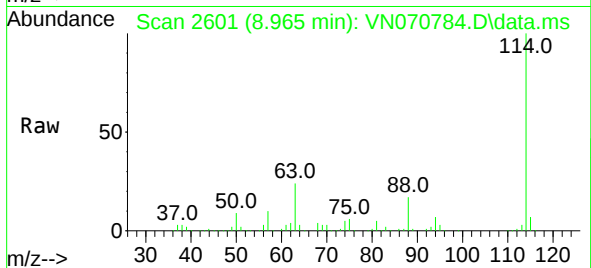
Tgt Ion:114 Resp: 1296105

Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.977 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070784.D

Acq: 26 Jan 2022 12:38

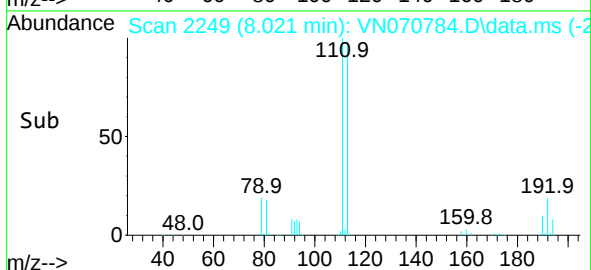
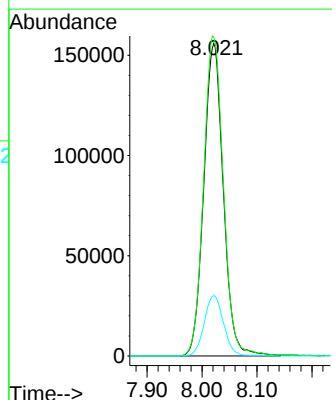
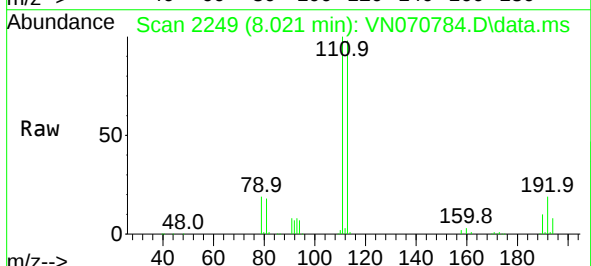
Tgt Ion:113 Resp: 385720

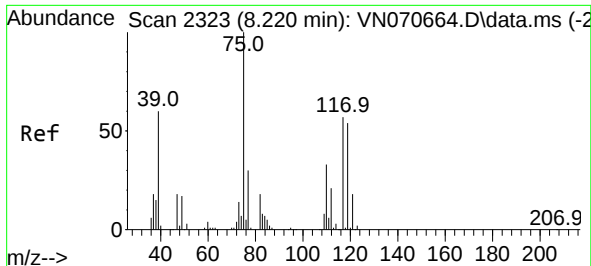
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 19.1 16.9 25.3

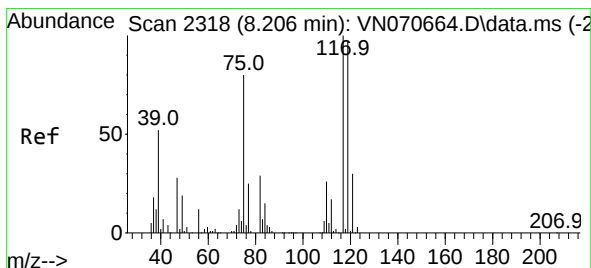
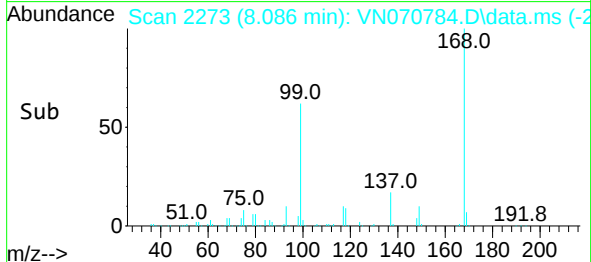
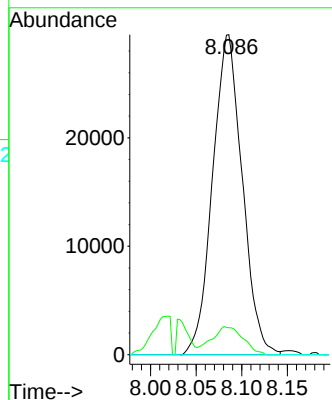
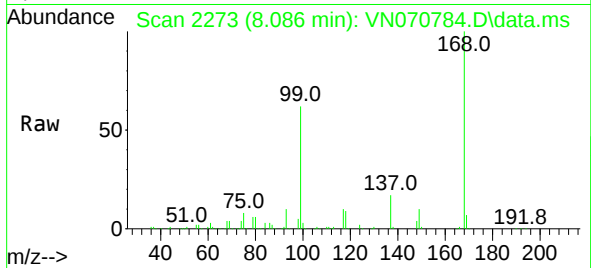




#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.134 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

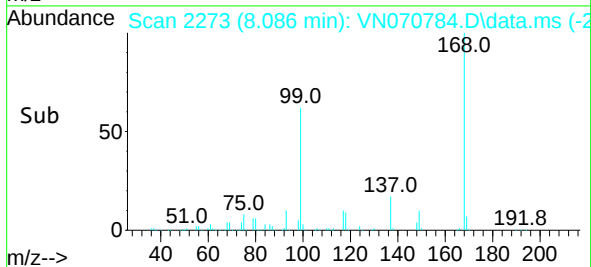
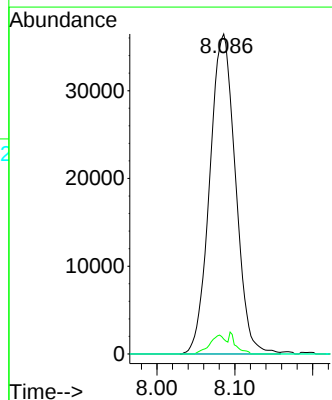
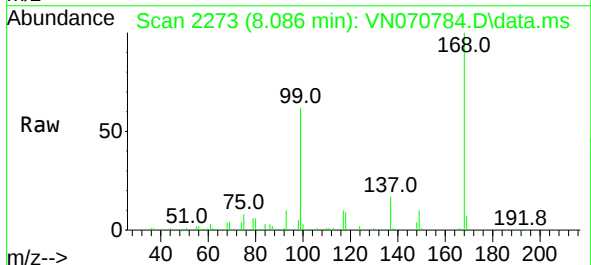
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

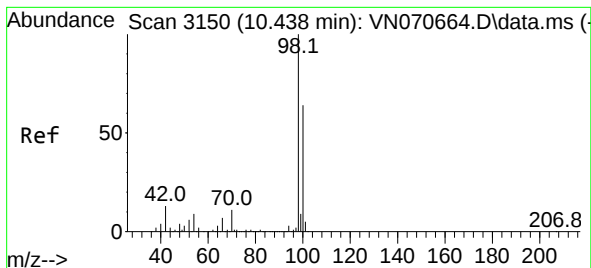
Tgt Ion: 75 Resp: 66719
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.943 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 117 Resp: 83597
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 51.106 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VN070784.D

Acq: 26 Jan 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

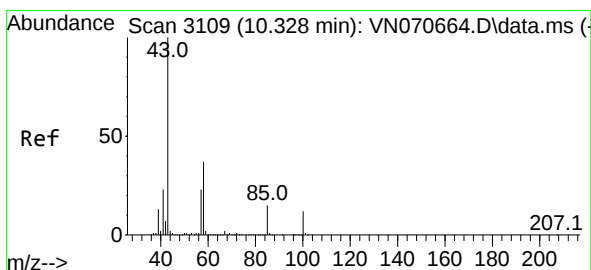
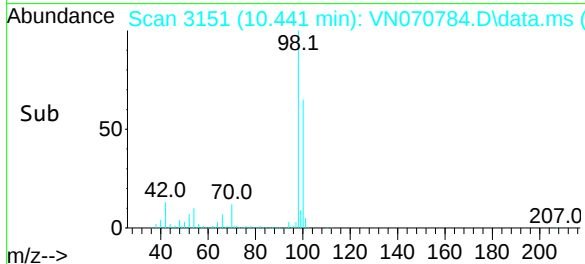
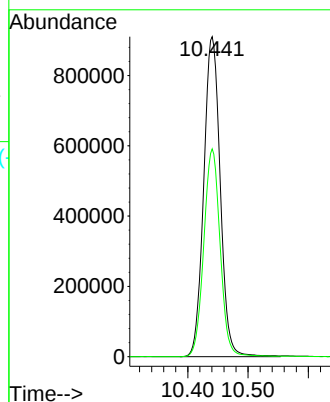
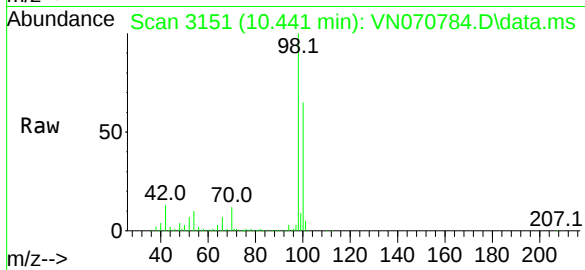
VN0126WBL01

Tgt Ion: 98 Resp: 1730933

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.252 ug/l

RT: 10.328 min Scan# 3109

Delta R.T. -0.000 min

Lab File: VN070784.D

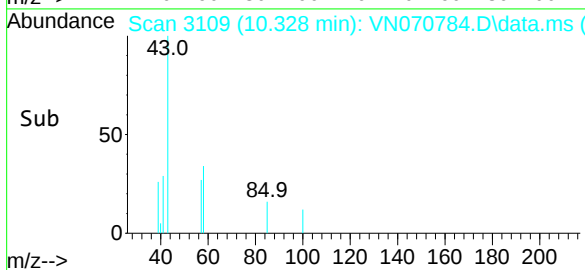
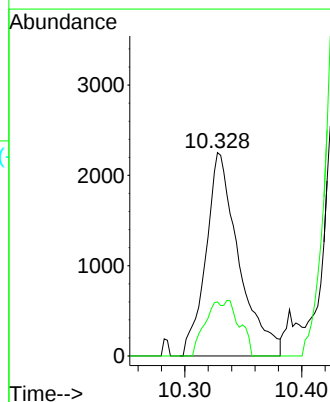
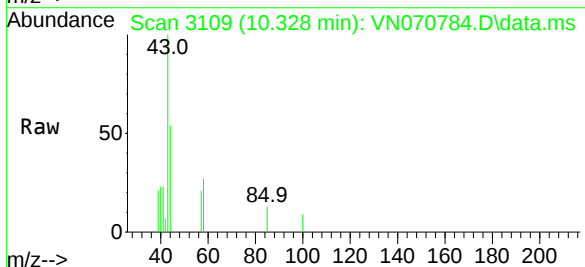
Acq: 26 Jan 2022 12:38

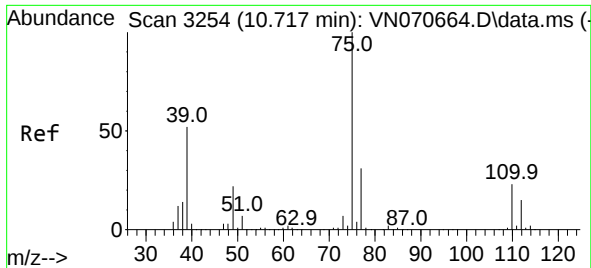
Tgt Ion: 43 Resp: 4419

Ion Ratio Lower Upper

43 100

58 13.7 30.4 45.6#

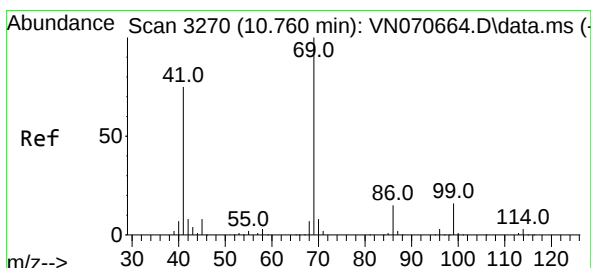
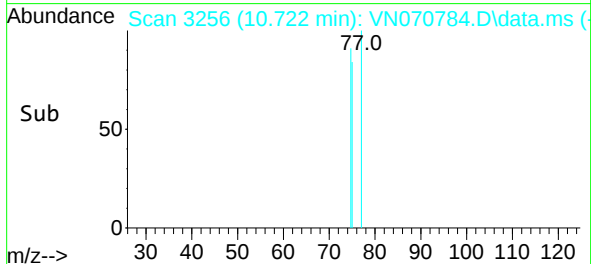
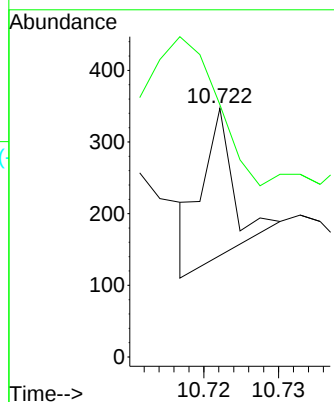
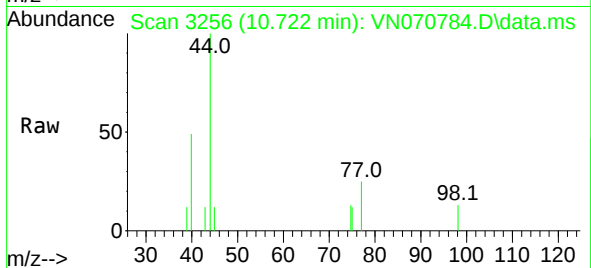




#53
t-1,3-Dichloropropene
Concen: 2.407 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

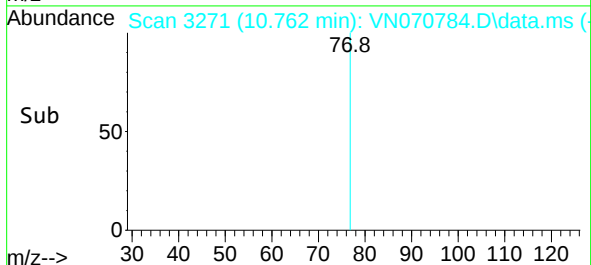
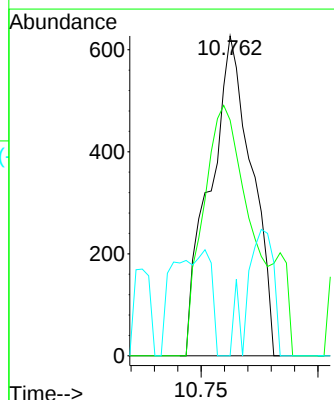
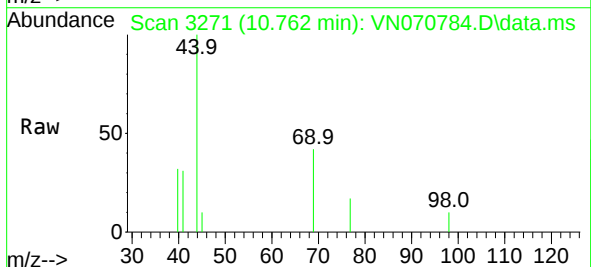
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

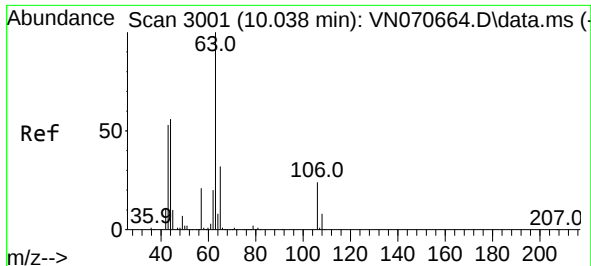
Tgt Ion: 75 Resp: 60
Ion Ratio Lower Upper
75 100
77 61.4 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.341 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 69 Resp: 778
Ion Ratio Lower Upper
69 100
41 85.3 51.4 77.0#
39 30.5 34.6 52.0#

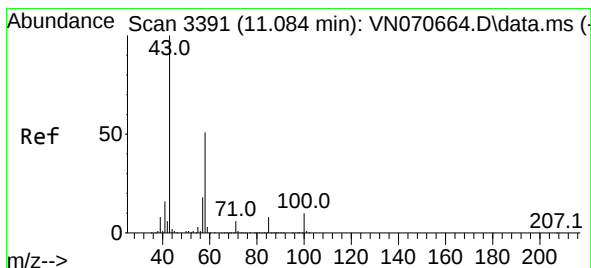
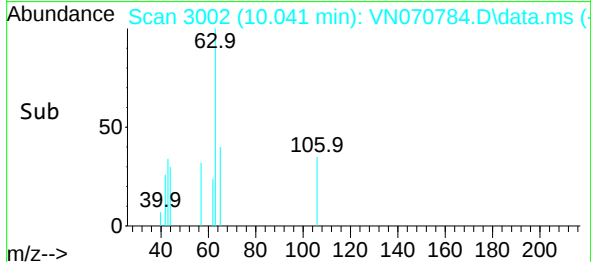
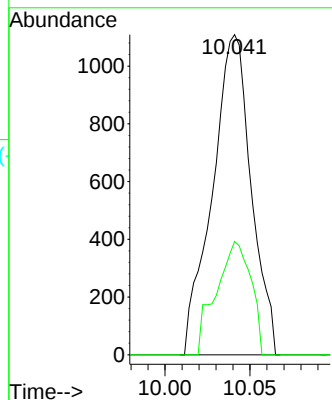
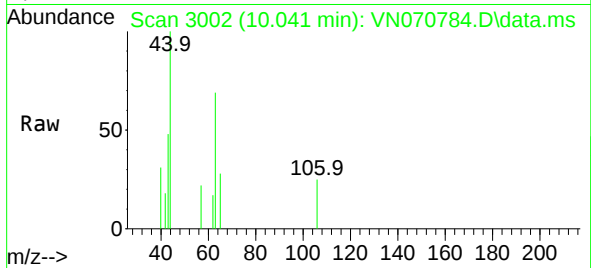




#58
2-Chloroethyl Vinyl ether
Concen: 21.576 ug/l
RT: 10.041 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

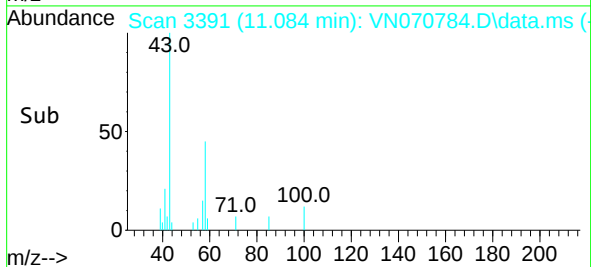
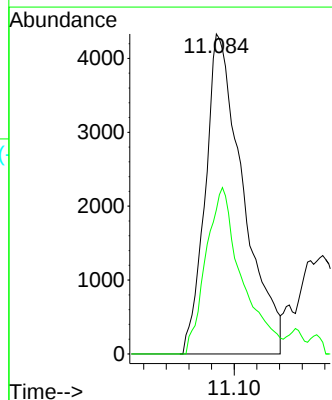
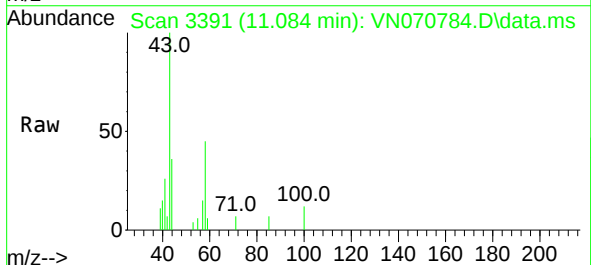
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

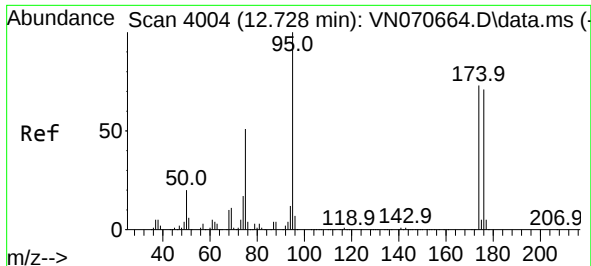
Tgt Ion: 63 Resp: 1765
Ion Ratio Lower Upper
63 100
106 31.6 23.9 35.9



#59
2-Hexanone
Concen: 0.789 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 43 Resp: 10035
Ion Ratio Lower Upper
43 100
58 49.9 26.9 80.7

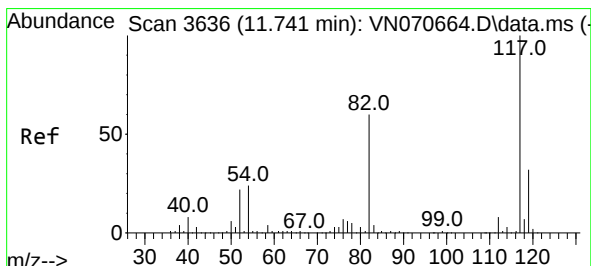
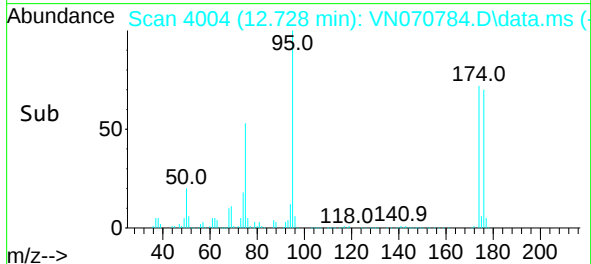
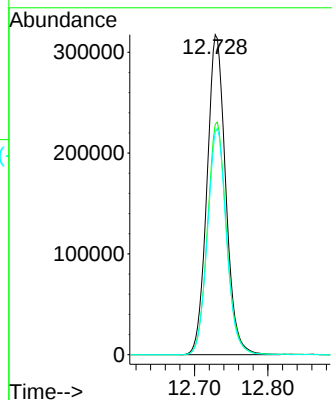
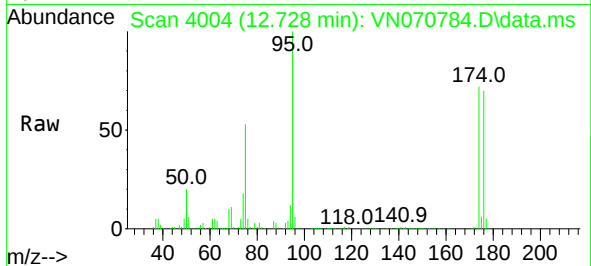




#62
4-Bromofluorobenzene
Concen: 46.538 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

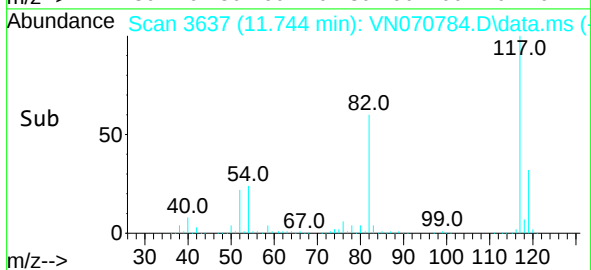
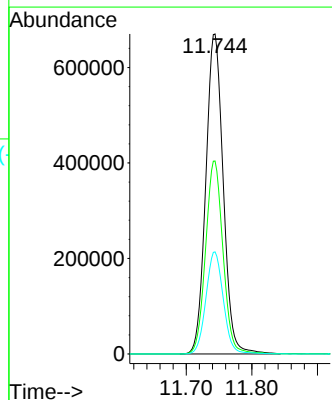
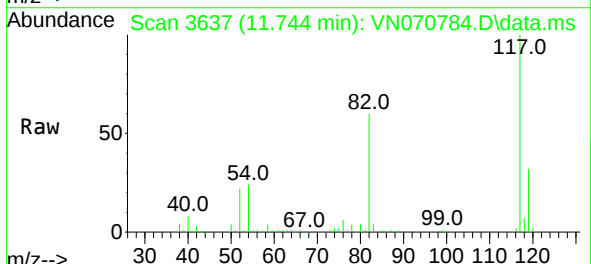
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

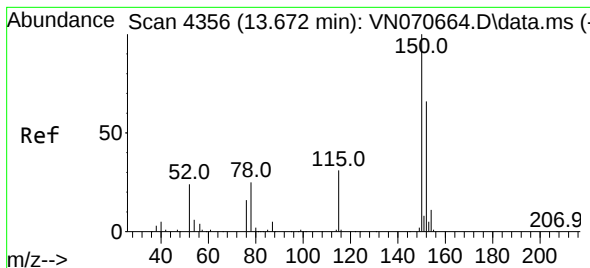
Tgt Ion: 95 Resp: 561676
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 117 Resp: 1236767
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.9 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: VN070784.D

Acq: 26 Jan 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0126WBL01

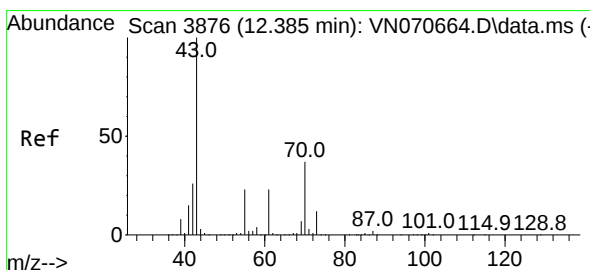
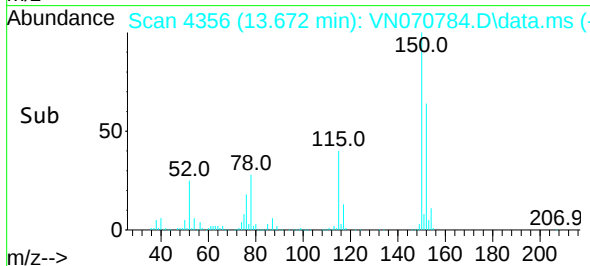
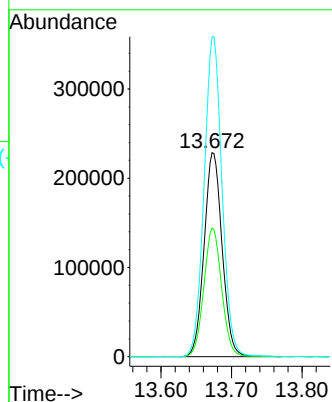
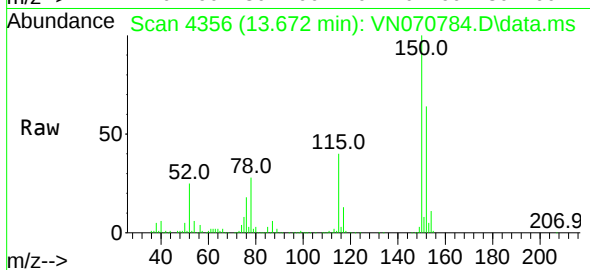
Tgt Ion:152 Resp: 406054

Ion Ratio Lower Upper

152 100

115 62.1 27.5 82.5

150 155.7 0.0 344.4



#74

N-ethyl acetate

Concen: 0.345 ug/l

RT: 12.393 min Scan# 3879

Delta R.T. 0.008 min

Lab File: VN070784.D

Acq: 26 Jan 2022 12:38

Tgt Ion: 43 Resp: 5412

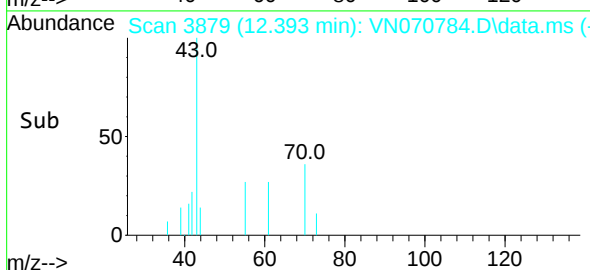
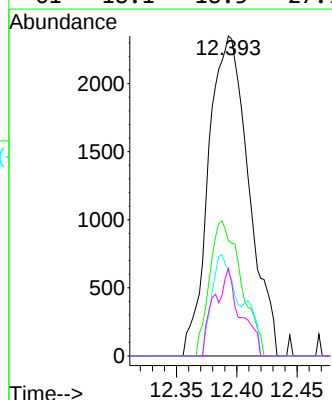
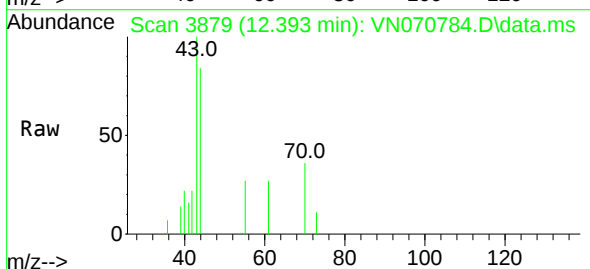
Ion Ratio Lower Upper

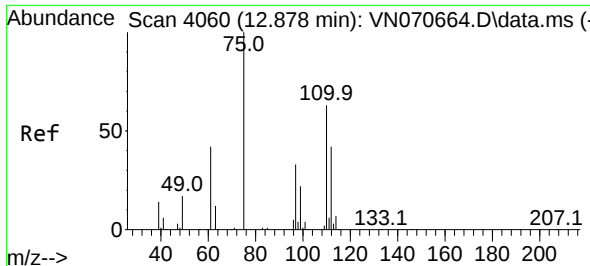
43 100

70 33.5 33.4 50.0

55 18.1 19.3 28.9#

61 18.1 18.5 27.7#

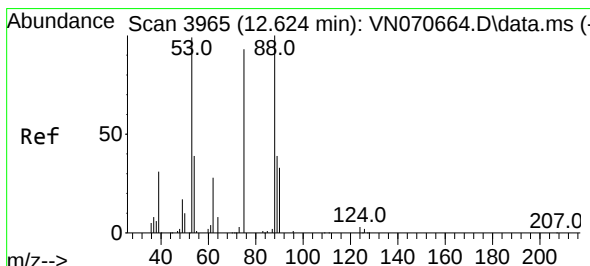
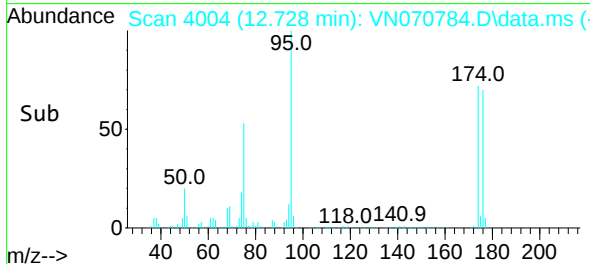
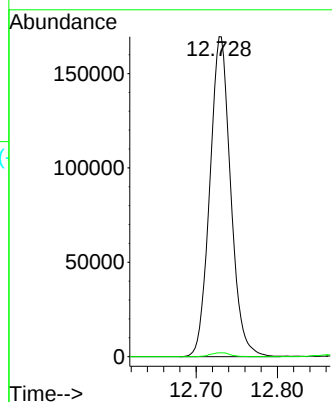
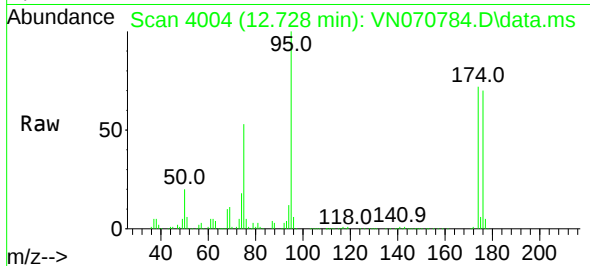




#76
1,2,3-Trichloropropane
Concen: 28.084 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

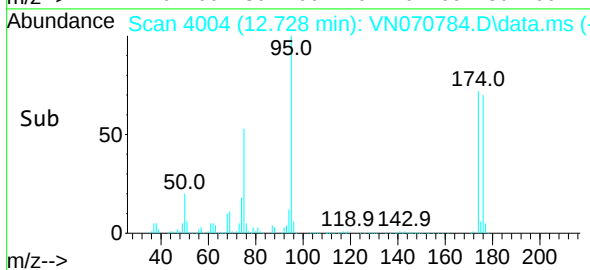
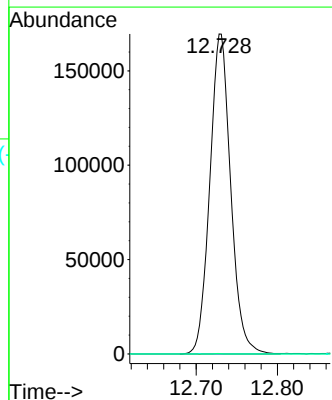
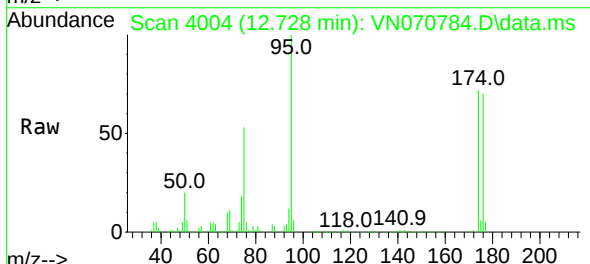
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

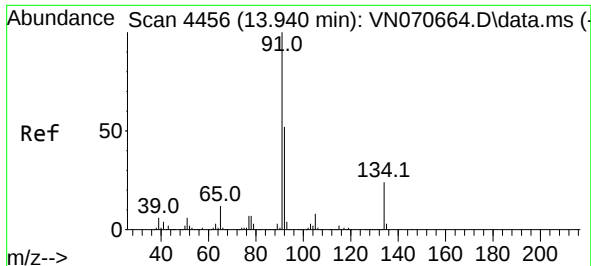
Tgt Ion: 75 Resp: 302457
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.668 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 75 Resp: 302457
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

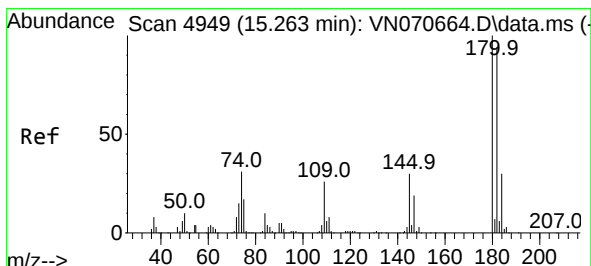
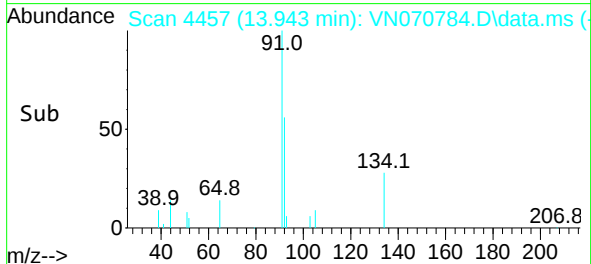
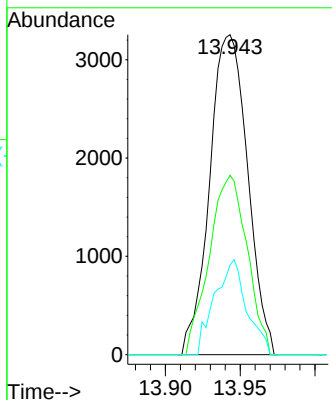
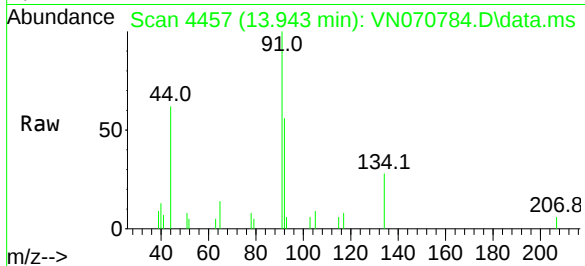




#89
n-Butylbenzene
Concen: 0.242 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

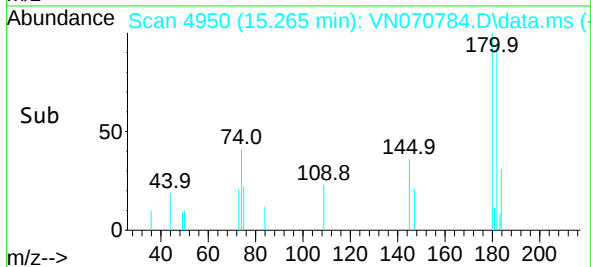
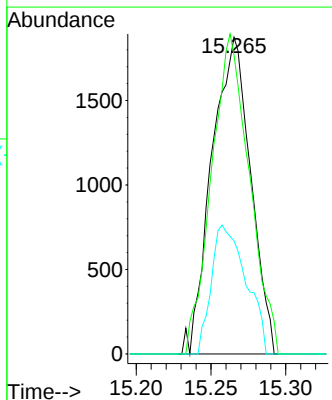
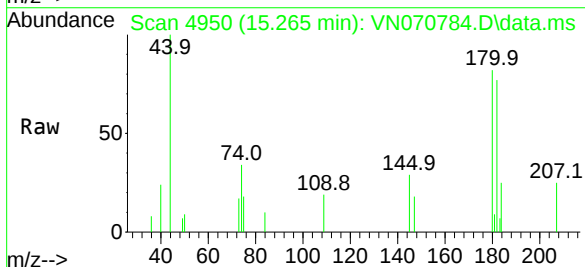
Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

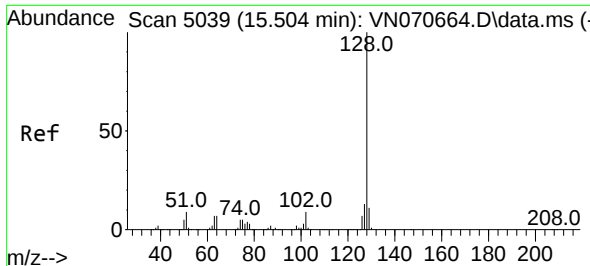
Tgt Ion: 91	Resp:	5756
Ion Ratio	Lower	Upper
91	100	
92	55.9	25.4 76.0
134	25.1	13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 3.845 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.002 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion: 180	Resp:	3379
Ion Ratio	Lower	Upper
180	100	
182	98.3	48.3 144.9
145	36.4	14.5 43.5

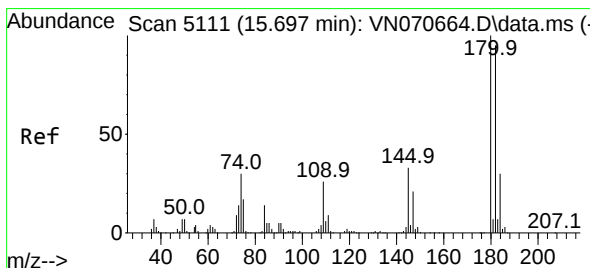
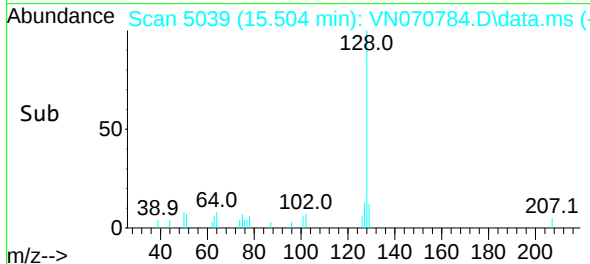
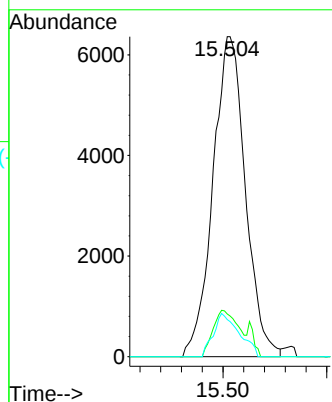
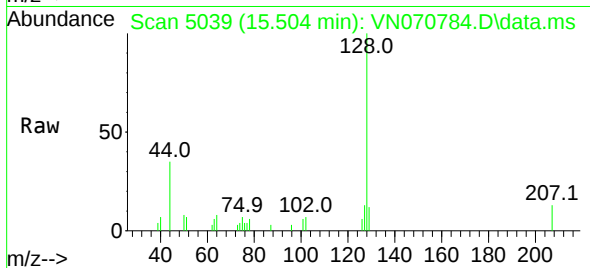




#95
Naphthalene
Concen: 5.539 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0126WBL01

Tgt Ion:	128	Resp:	13805
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.5	15.7
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.769 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070784.D
Acq: 26 Jan 2022 12:38

Tgt Ion:	180	Resp:	4239
Ion Ratio	Lower	Upper	
180	100		
182	92.3	47.4	142.2
145	29.2	15.0	45.1

