

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072863.D
 Acq On : 15 Jun 2022 04:44
 Operator : JC\MD
 Sample : N3334-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-7

Quant Time: Jun 15 07:51:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

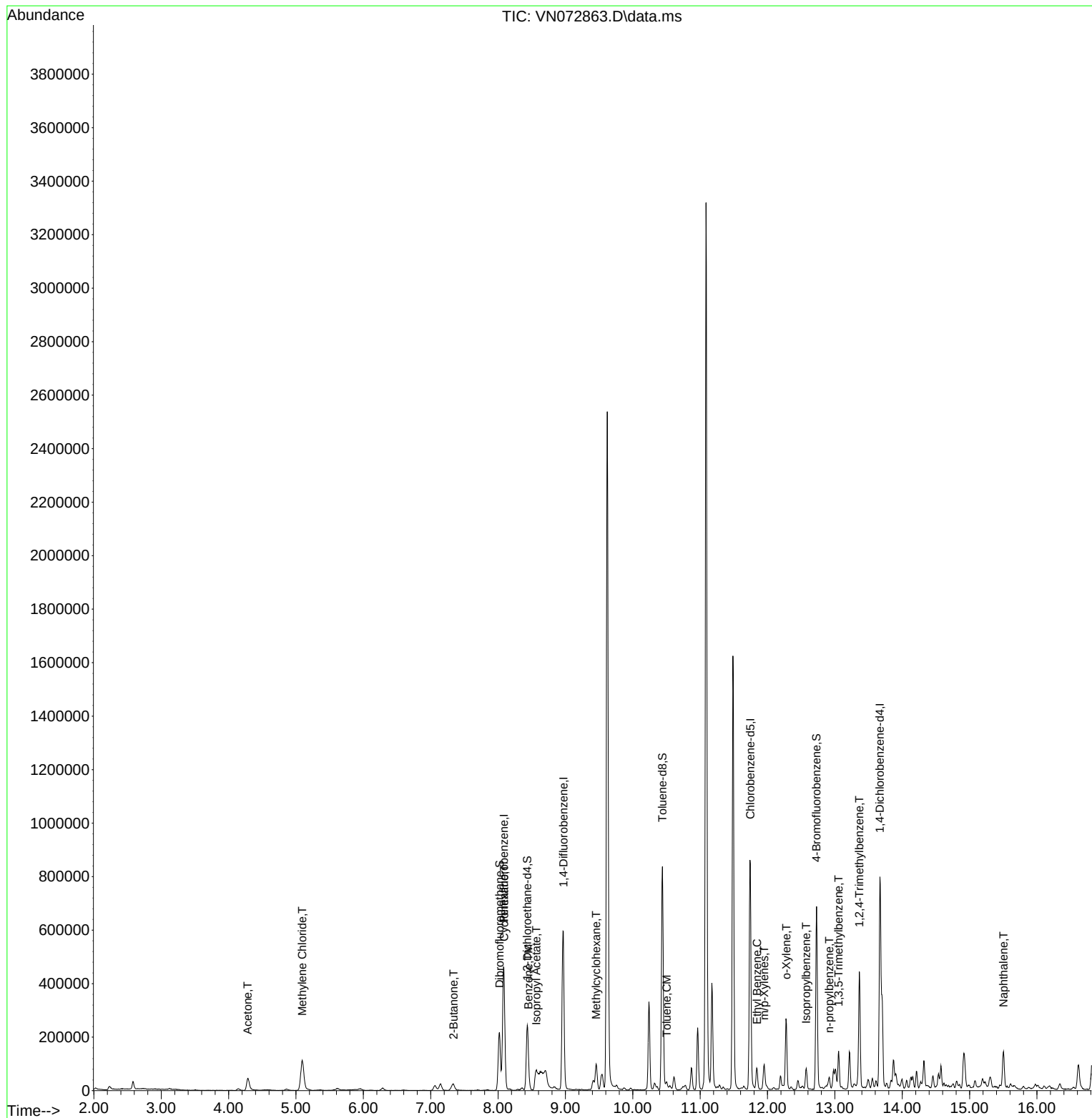
Internal Standards						
1) Pentafluorobenzene	8.086	168	306065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	518683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	492066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	206814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	197338	41.630	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	83.260%	
35) Dibromofluoromethane	8.022	113	162586	50.629	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.260%	
50) Toluene-d8	10.439	98	562753	44.405	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	88.800%	
62) 4-Bromofluorobenzene	12.727	95	235192	55.285	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	110.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.281	43	86669	32.714	ug/l	89
20) Methylene Chloride	5.092	84	86388	24.729	ug/l	92
25) 2-Butanone	7.339	43	37763	8.995	ug/l	93
31) Cyclohexane	8.092	56	38870	5.204	ug/l #	92
39) Methylcyclohexane	9.457	83	38669	7.942	ug/l	92
40) Benzene	8.451	78	12039	0.888	ug/l	99
43) Isopropyl Acetate	8.569	43	104055	9.760	ug/l #	68
52) Toluene	10.504	92	10438	1.239	ug/l	99
67) Ethyl Benzene	11.845	91	52771	3.016	ug/l	93
68) m/p-Xylenes	11.951	106	29401	4.745	ug/l	91
69) o-Xylene	12.280	106	64964	9.907	ug/l	91
73) Isopropylbenzene	12.574	105	44729	2.353	ug/l	99
78) n-propylbenzene	12.915	91	32806	1.582	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	68979	4.567	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	234356	16.035	ug/l	97
95) Naphthalene	15.504	128	129976	9.992	ug/l	99

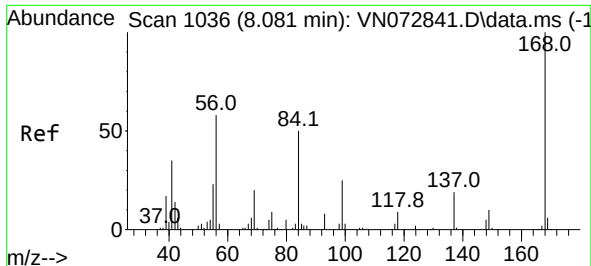
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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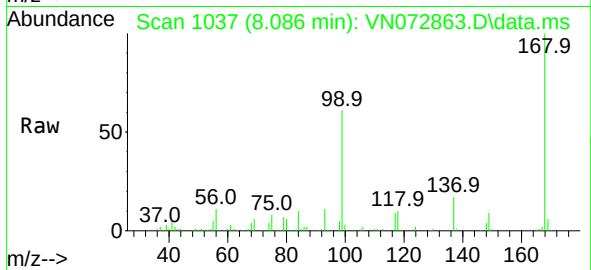
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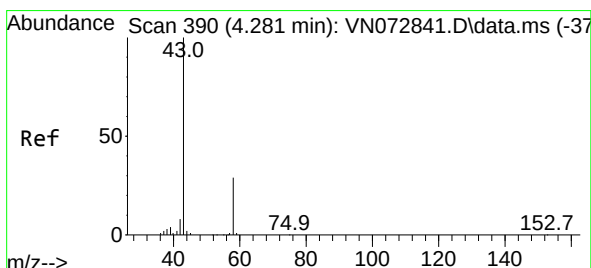
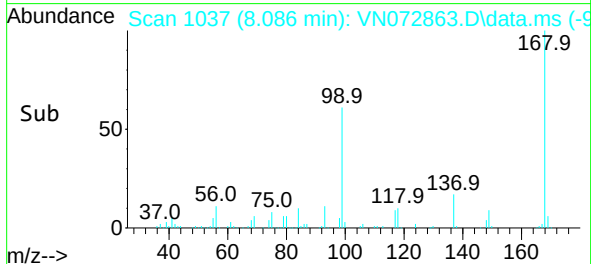
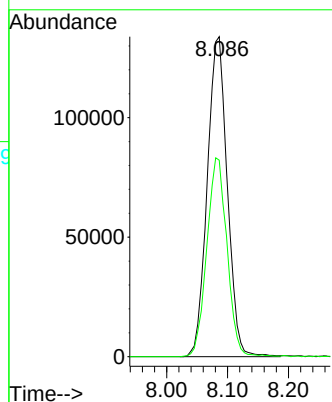


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.005 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-7

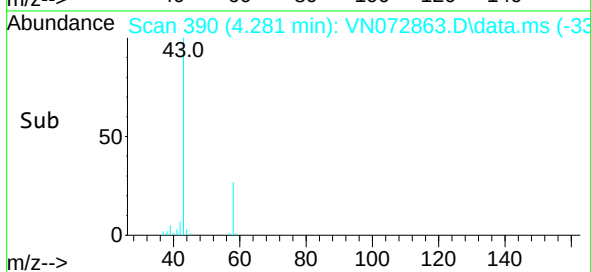
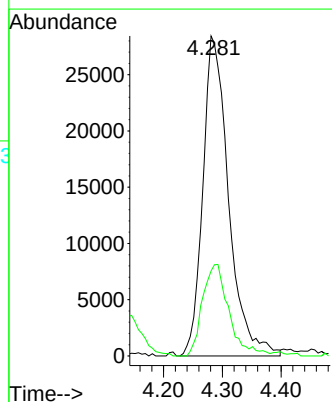
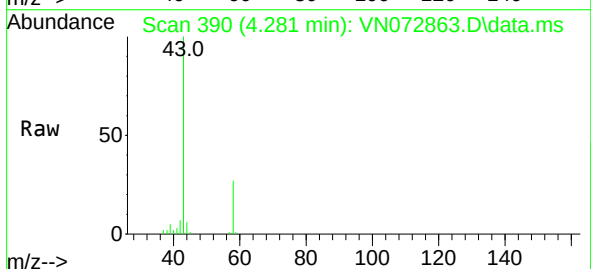


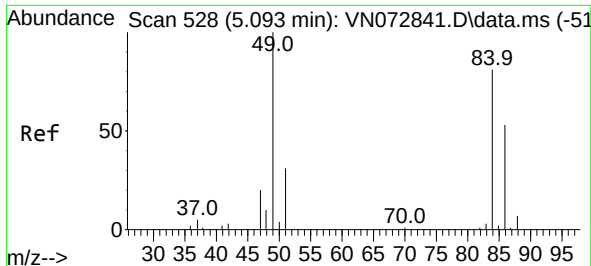
Tgt Ion:168 Resp: 306065
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5



#16
Acetone
Concen: 32.714 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

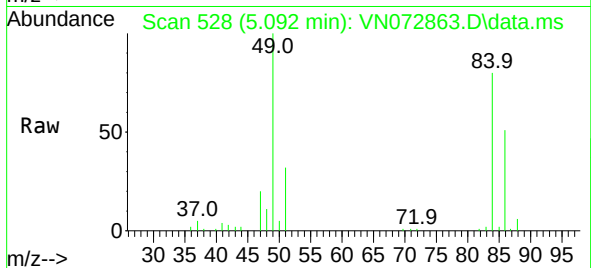
Tgt Ion: 43 Resp: 86669
Ion Ratio Lower Upper
43 100
58 26.5 26.0 39.0



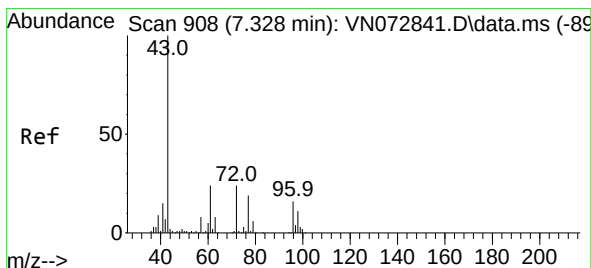
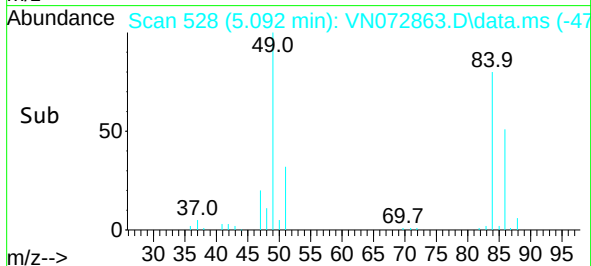
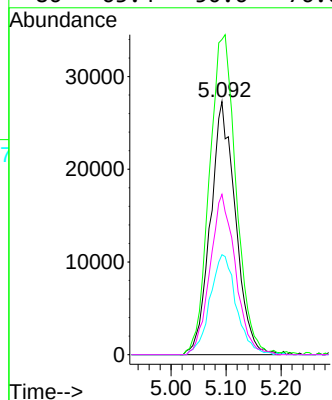


#20
Methylene Chloride
Concen: 24.729 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-7

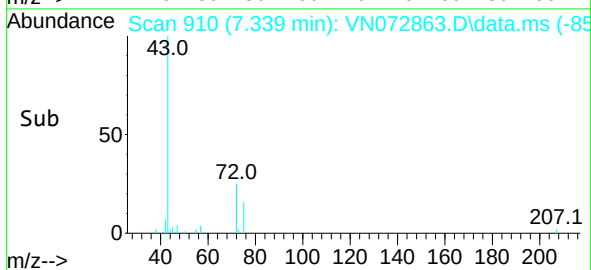
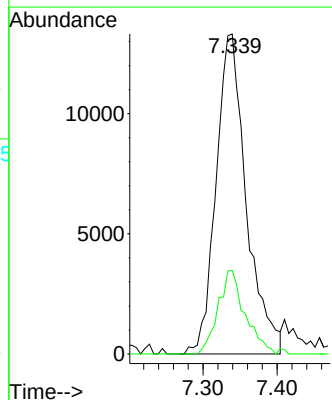
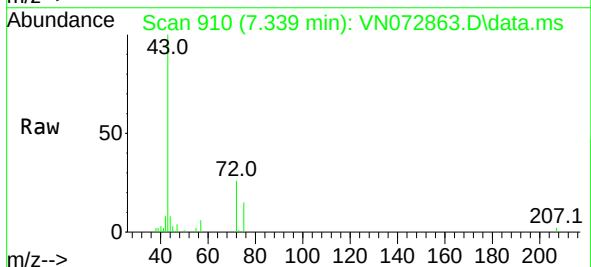


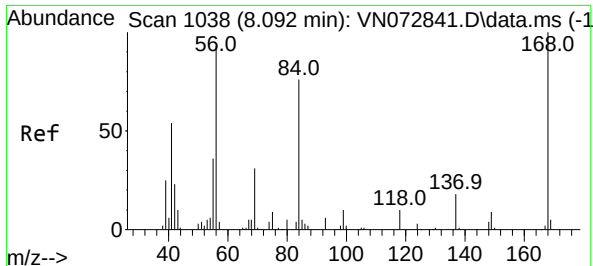
Tgt Ion: 84	Resp: 86388		
Ion	Ratio	Lower	Upper
84	100		
49	124.5	88.3	132.5
51	39.5	28.2	42.2
86	63.4	50.6	76.0



#25
2-Butanone
Concen: 8.995 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Tgt Ion: 43	Resp: 37763
Ion Ratio	Lower Upper
43 100	
72 26.1	23.7 35.5





#31

Cyclohexane

Concen: 5.204 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-7

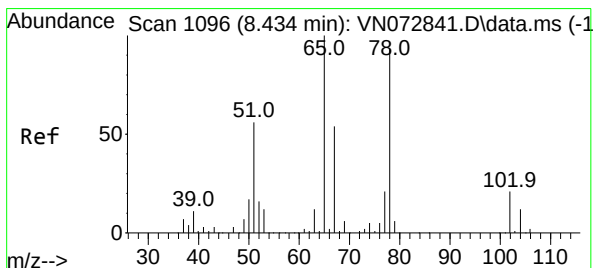
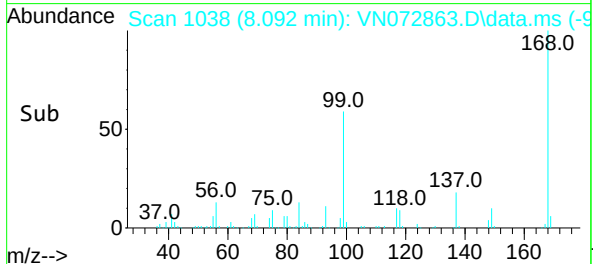
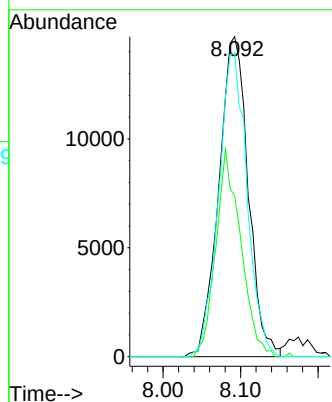
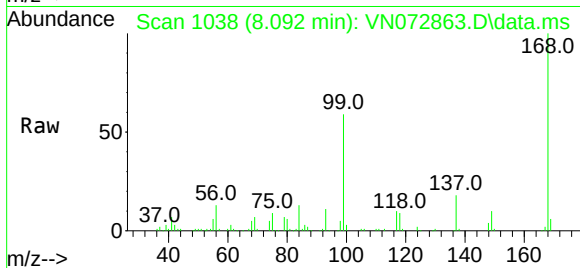
Tgt Ion: 56 Resp: 38870

Ion Ratio Lower Upper

56 100

69 50.2 27.8 41.8#

84 95.2 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 41.630 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072863.D

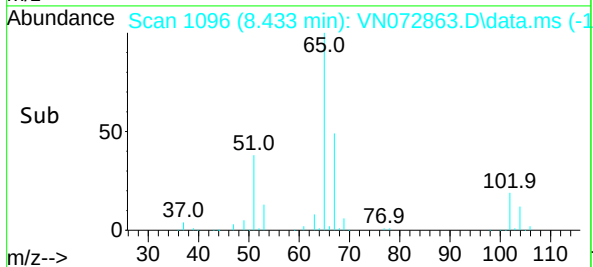
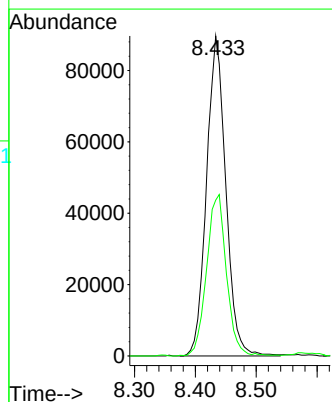
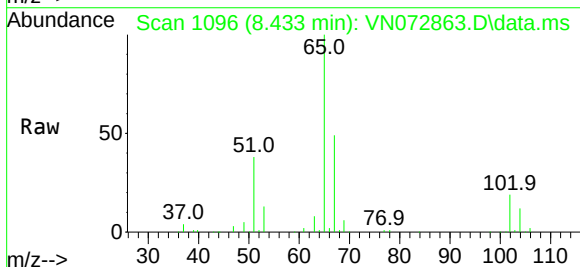
Acq: 15 Jun 2022 04:44

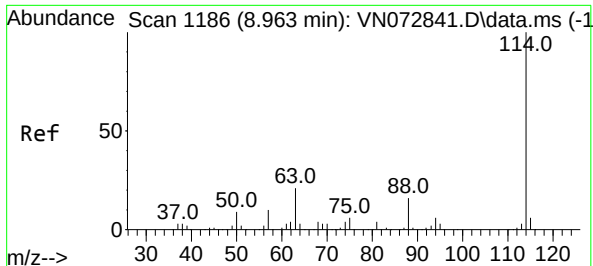
Tgt Ion: 65 Resp: 197338

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-7

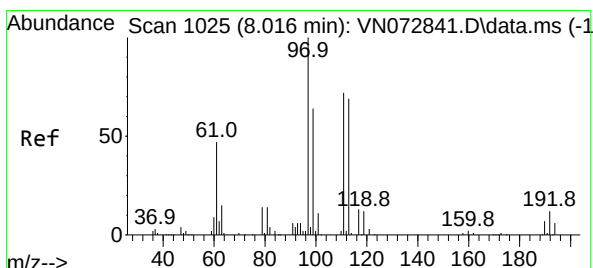
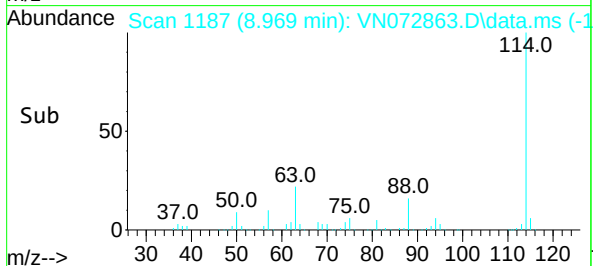
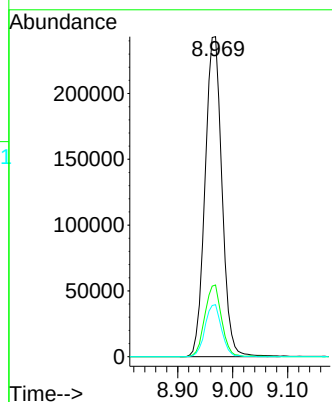
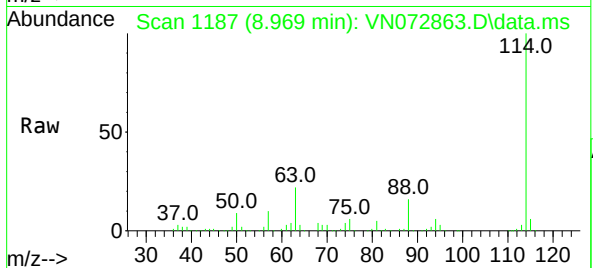
Tgt Ion:114 Resp: 518683

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.629 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

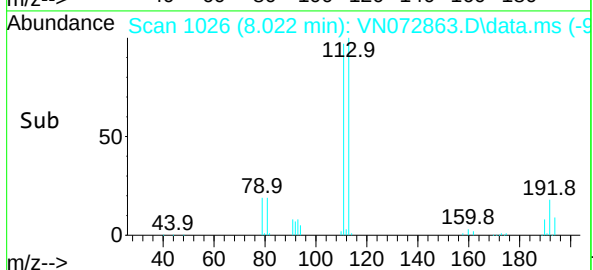
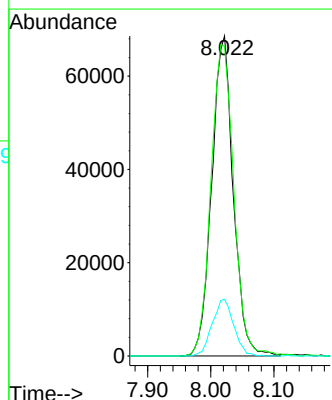
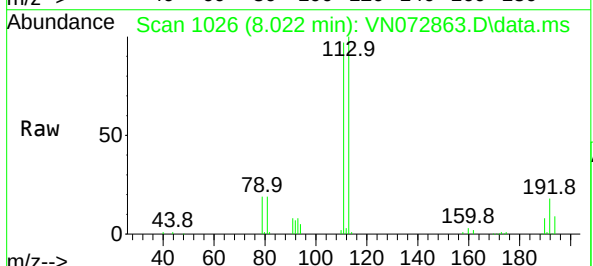
Tgt Ion:113 Resp: 162586

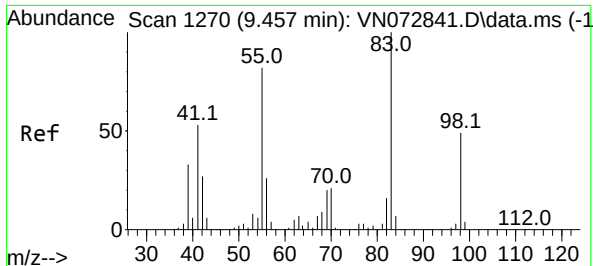
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 17.7 17.0 25.6





#39

Methylcyclohexane

Concen: 7.942 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-7

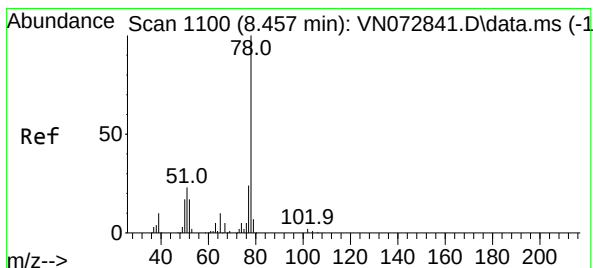
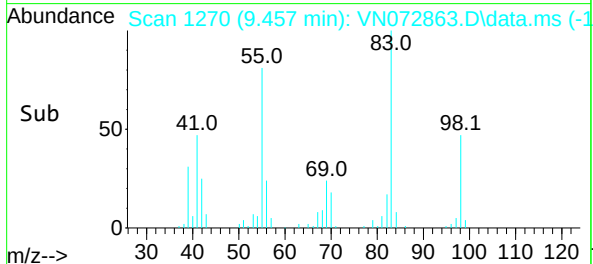
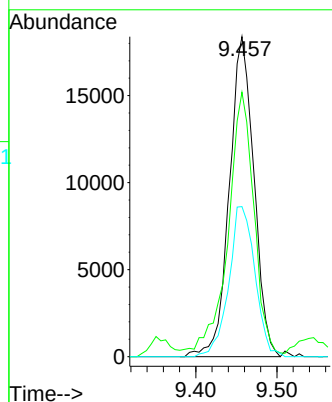
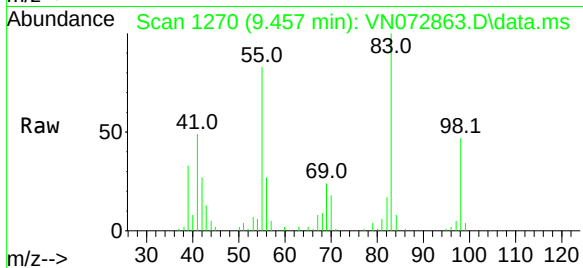
Tgt Ion: 83 Resp: 38669

Ion Ratio Lower Upper

83 100

55 81.4 57.8 86.8

98 46.9 39.4 59.2



#40

Benzene

Concen: 0.888 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072863.D

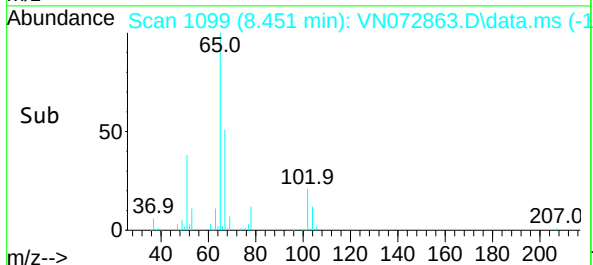
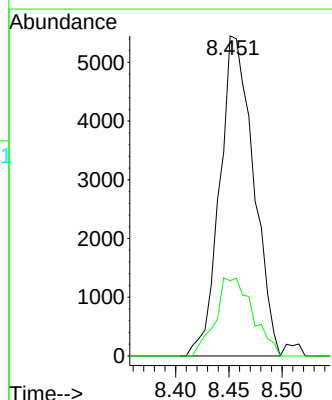
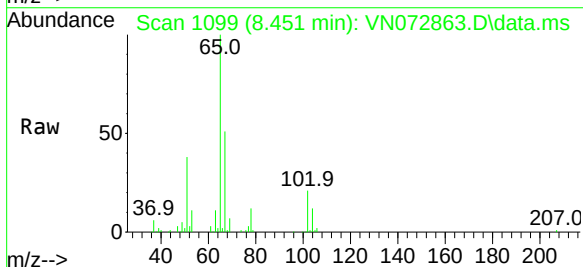
Acq: 15 Jun 2022 04:44

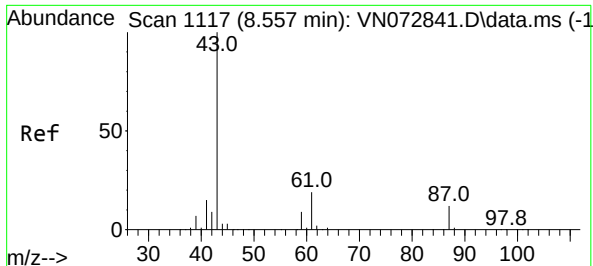
Tgt Ion: 78 Resp: 12039

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0





#43

Isopropyl Acetate

Concen: 9.760 ug/l

RT: 8.569 min Scan# 1119

Delta R.T. 0.012 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-7

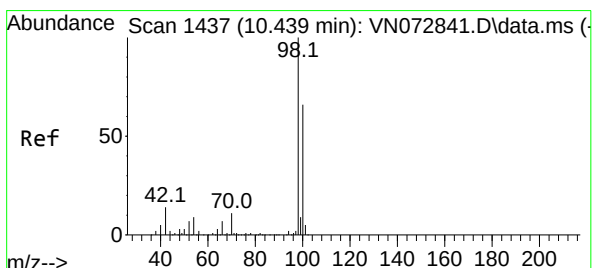
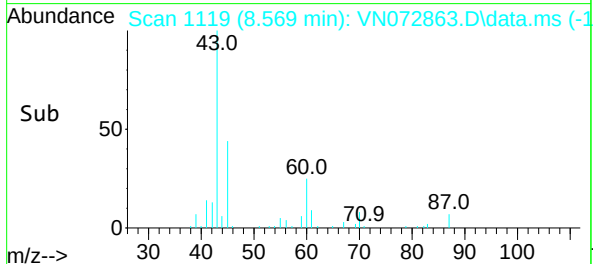
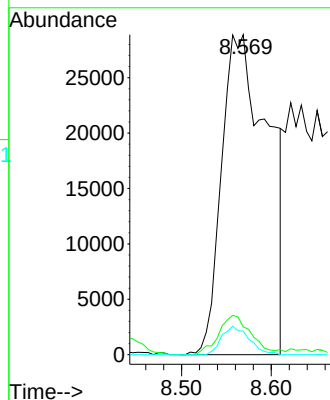
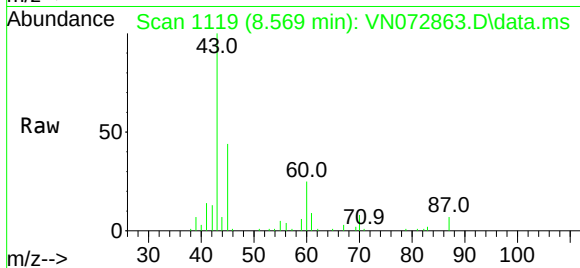
Tgt Ion: 43 Resp: 104055

Ion Ratio Lower Upper

43 100

61 8.5 21.9 32.9#

87 5.2 12.0 18.0#



#50

Toluene-d8

Concen: 44.405 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072863.D

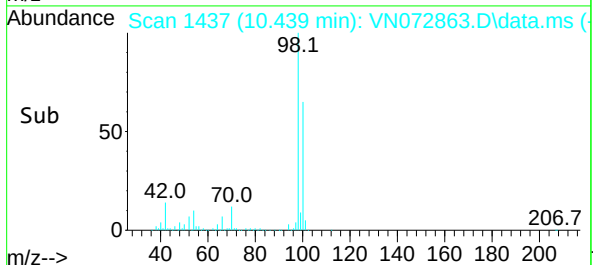
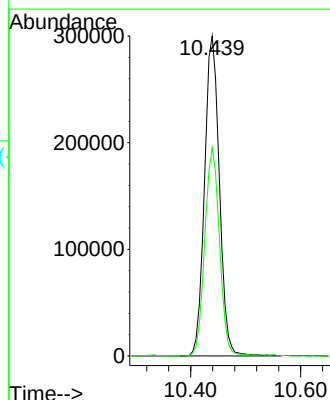
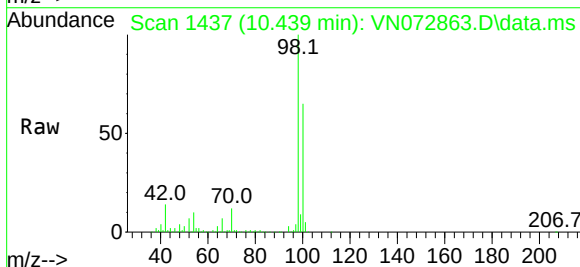
Acq: 15 Jun 2022 04:44

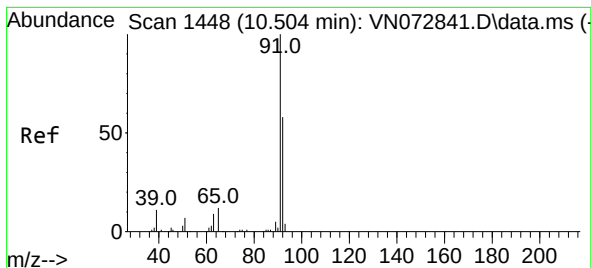
Tgt Ion: 98 Resp: 562753

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8





#52

Toluene

Concen: 1.239 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

Instrument :

MSVOA_N

ClientSampleId :

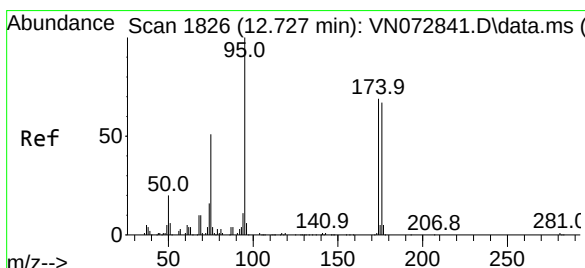
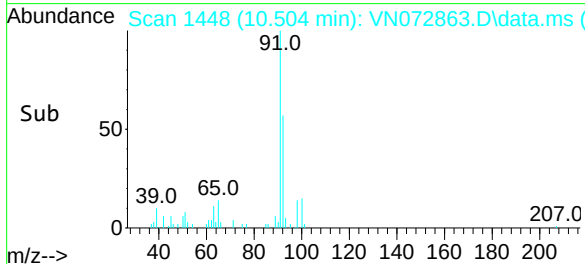
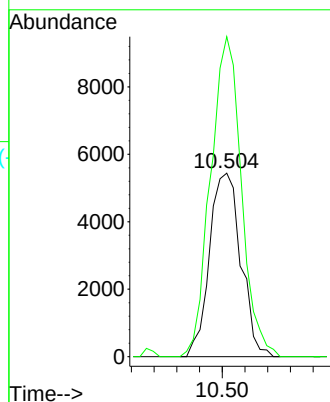
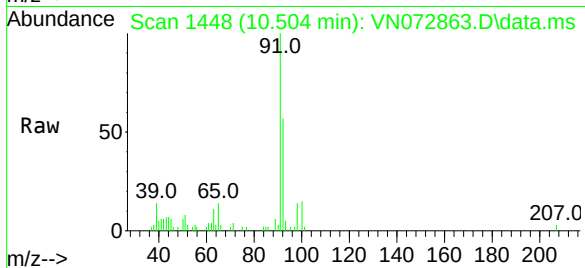
WC-14A-1A-7

Tgt Ion: 92 Resp: 10438

Ion Ratio Lower Upper

92 100

91 171.4 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 55.285 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072863.D

Acq: 15 Jun 2022 04:44

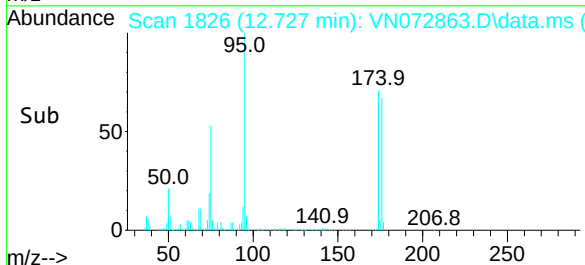
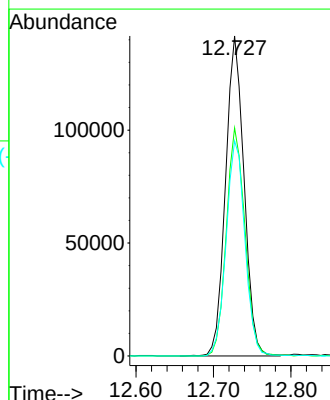
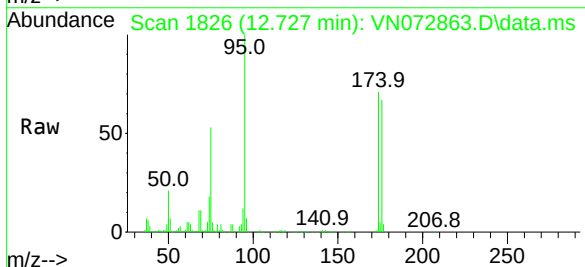
Tgt Ion: 95 Resp: 235192

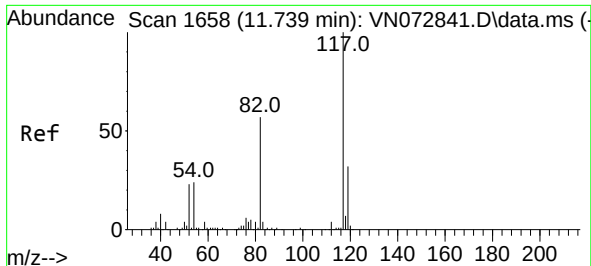
Ion Ratio Lower Upper

95 100

174 71.8 0.0 167.6

176 68.2 0.0 163.4

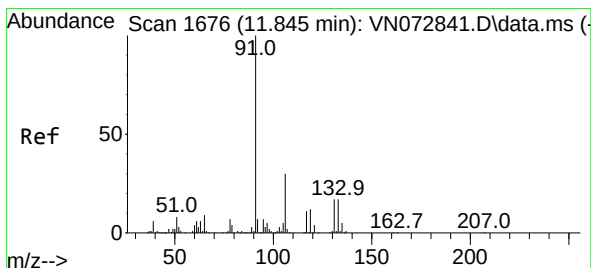
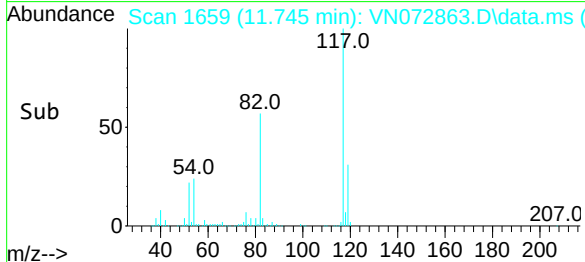
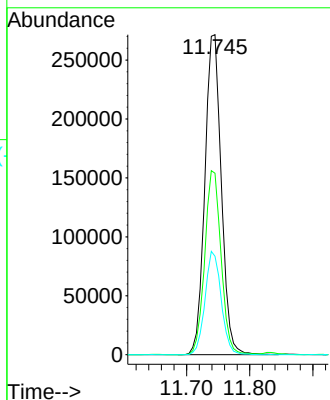
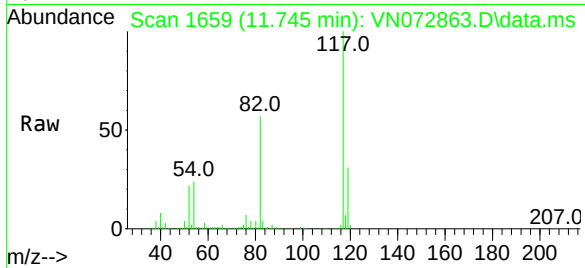




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

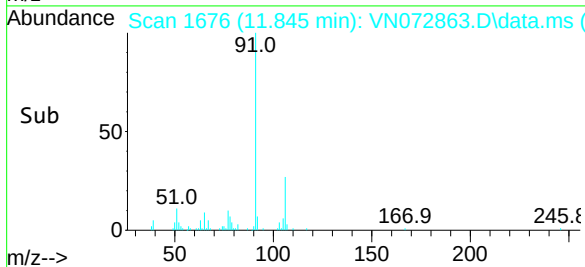
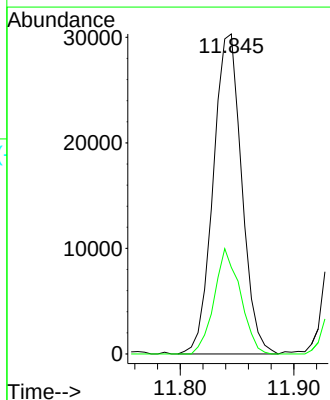
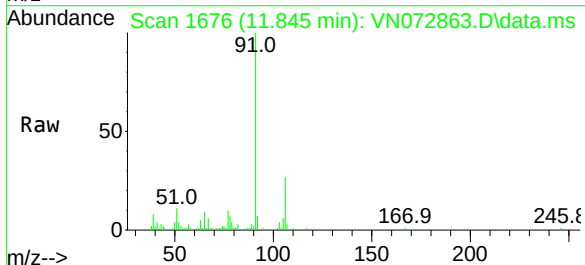
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-7

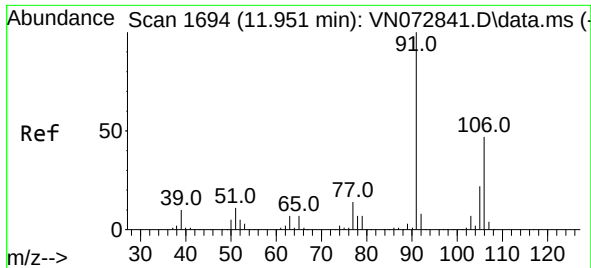
Tgt Ion:117 Resp: 492066
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 30.8 25.4 38.0



#67
Ethyl Benzene
Concen: 3.016 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Tgt Ion: 91 Resp: 52771
Ion Ratio Lower Upper
91 100
106 27.1 24.9 37.3

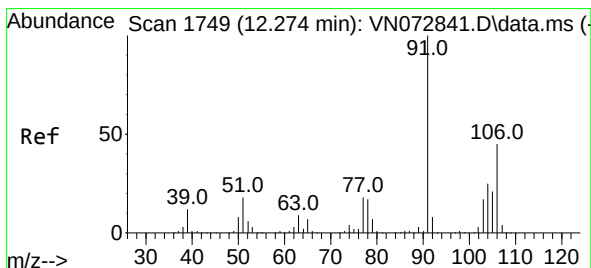
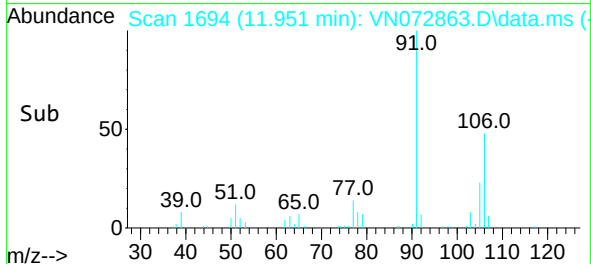
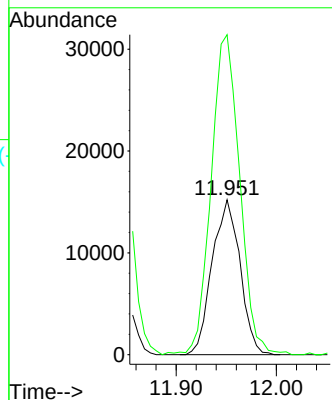
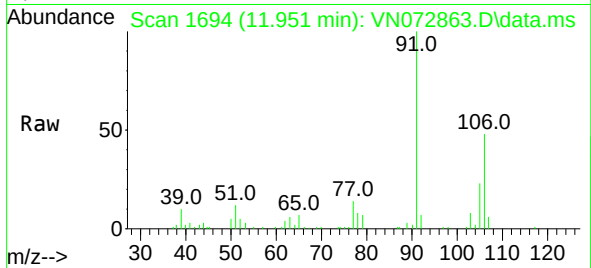




#68
m/p-Xylenes
Concen: 4.745 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

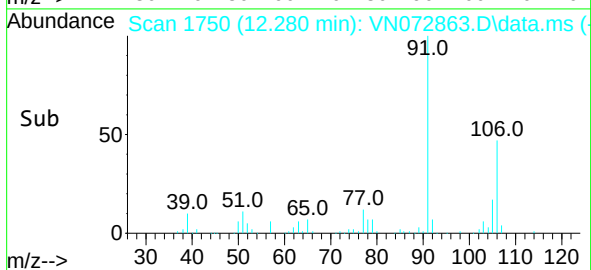
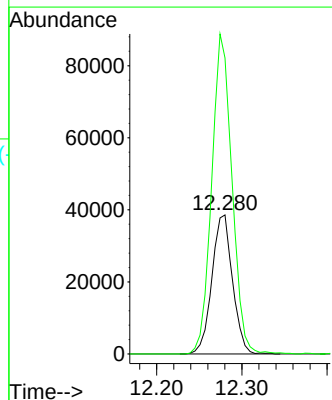
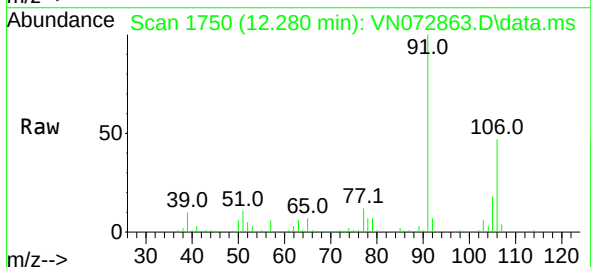
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-7

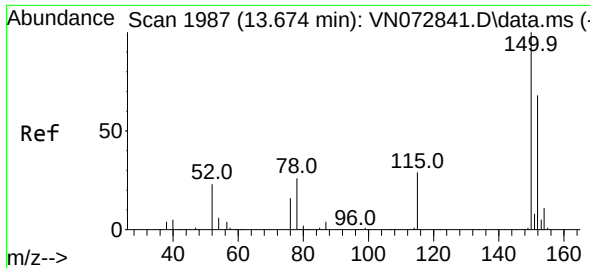
Tgt Ion:106 Resp: 29401
Ion Ratio Lower Upper
106 100
91 211.4 158.9 238.3



#69
o-Xylene
Concen: 9.907 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Tgt Ion:106 Resp: 64964
Ion Ratio Lower Upper
106 100
91 226.5 106.0 318.0

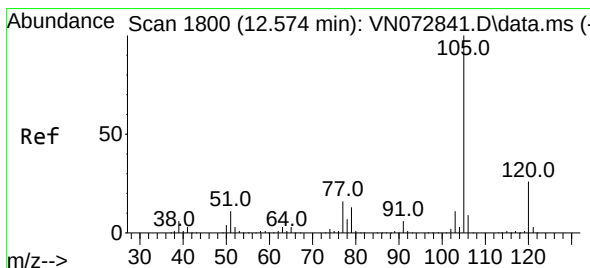
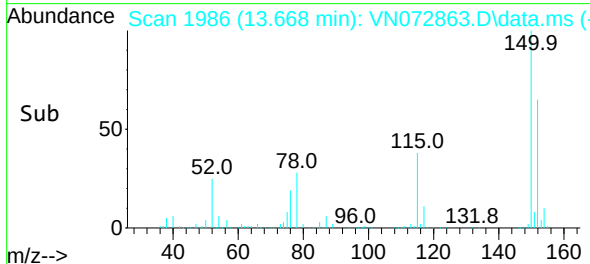
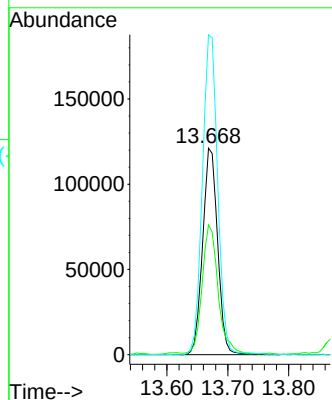
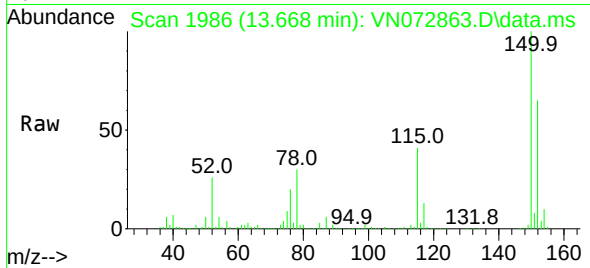




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.006 min
 Lab File: VN072863.D
 Acq: 15 Jun 2022 04:44

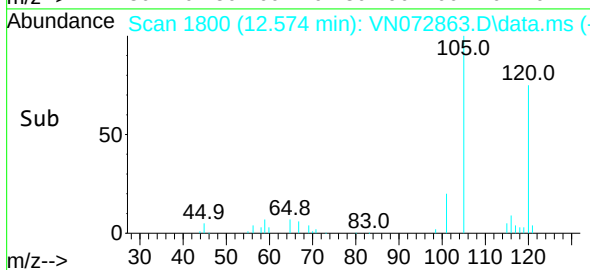
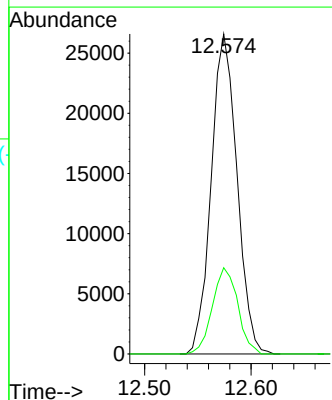
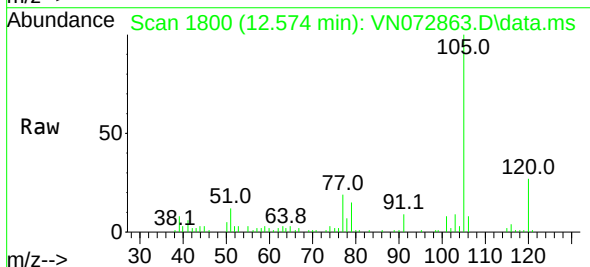
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-7

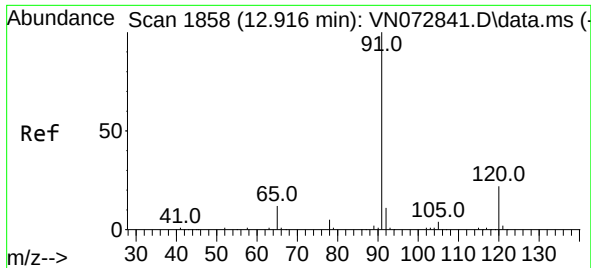
Tgt Ion:152 Resp: 206814
 Ion Ratio Lower Upper
 152 100
 115 66.1 28.9 86.7
 150 157.4 0.0 356.2



#73
 Isopropylbenzene
 Concen: 2.353 ug/l
 RT: 12.574 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VN072863.D
 Acq: 15 Jun 2022 04:44

Tgt Ion:105 Resp: 44729
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.5 40.4

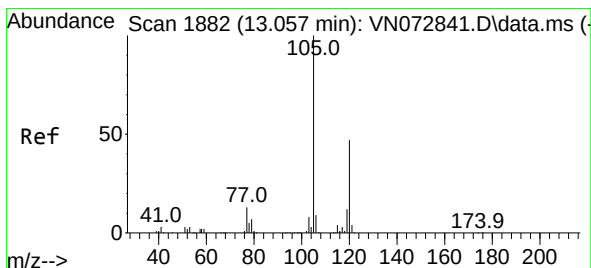
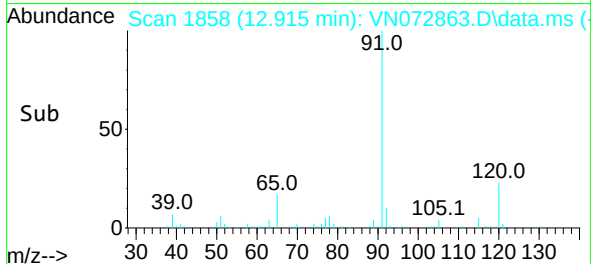
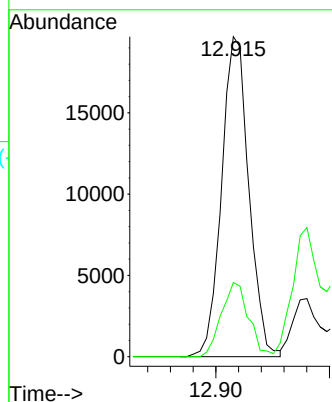
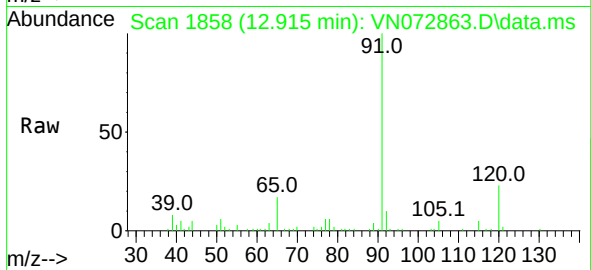




#78
n-propylbenzene
Concen: 1.582 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

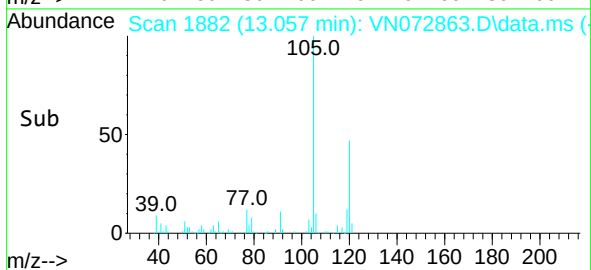
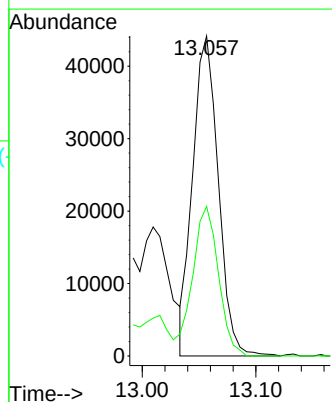
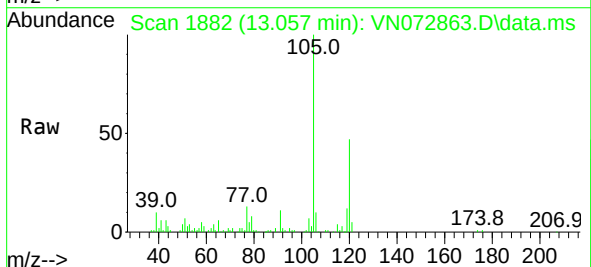
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-7

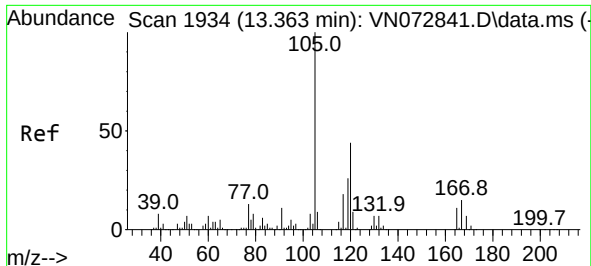
Tgt Ion: 91 Resp: 32806
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.567 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Tgt Ion: 105 Resp: 68979
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7

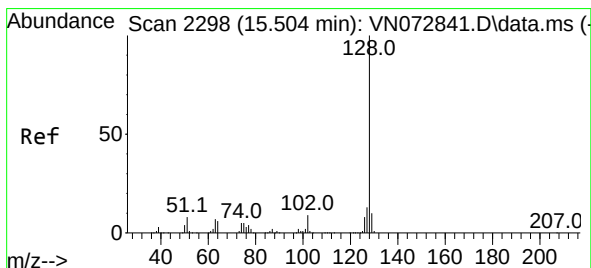
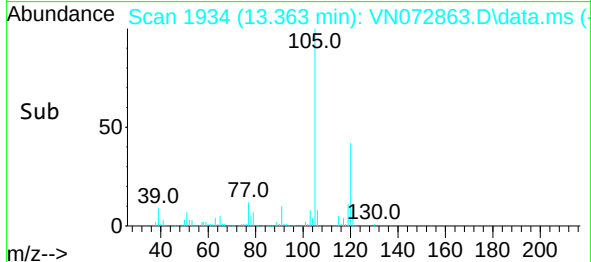
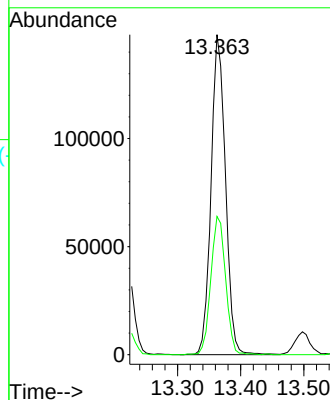
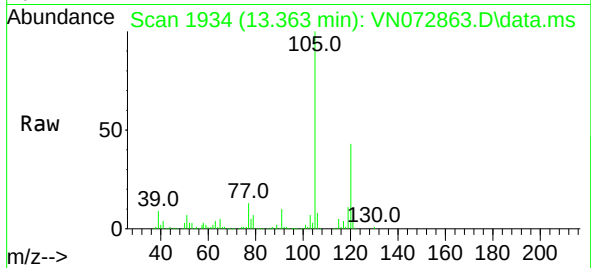




#84
1,2,4-Trimethylbenzene
Concen: 16.035 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-7

Tgt Ion:105 Resp: 234356
Ion Ratio Lower Upper
105 100
120 44.5 23.3 69.8



#95
Naphthalene
Concen: 9.992 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072863.D
Acq: 15 Jun 2022 04:44

Tgt Ion:128 Resp: 129976
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.1 8.6 13.0

