

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072940.D
 Acq On : 18 Jun 2022 15:20
 Operator : JC\MD
 Sample : N3304-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-9

Quant Time: Jun 20 08:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

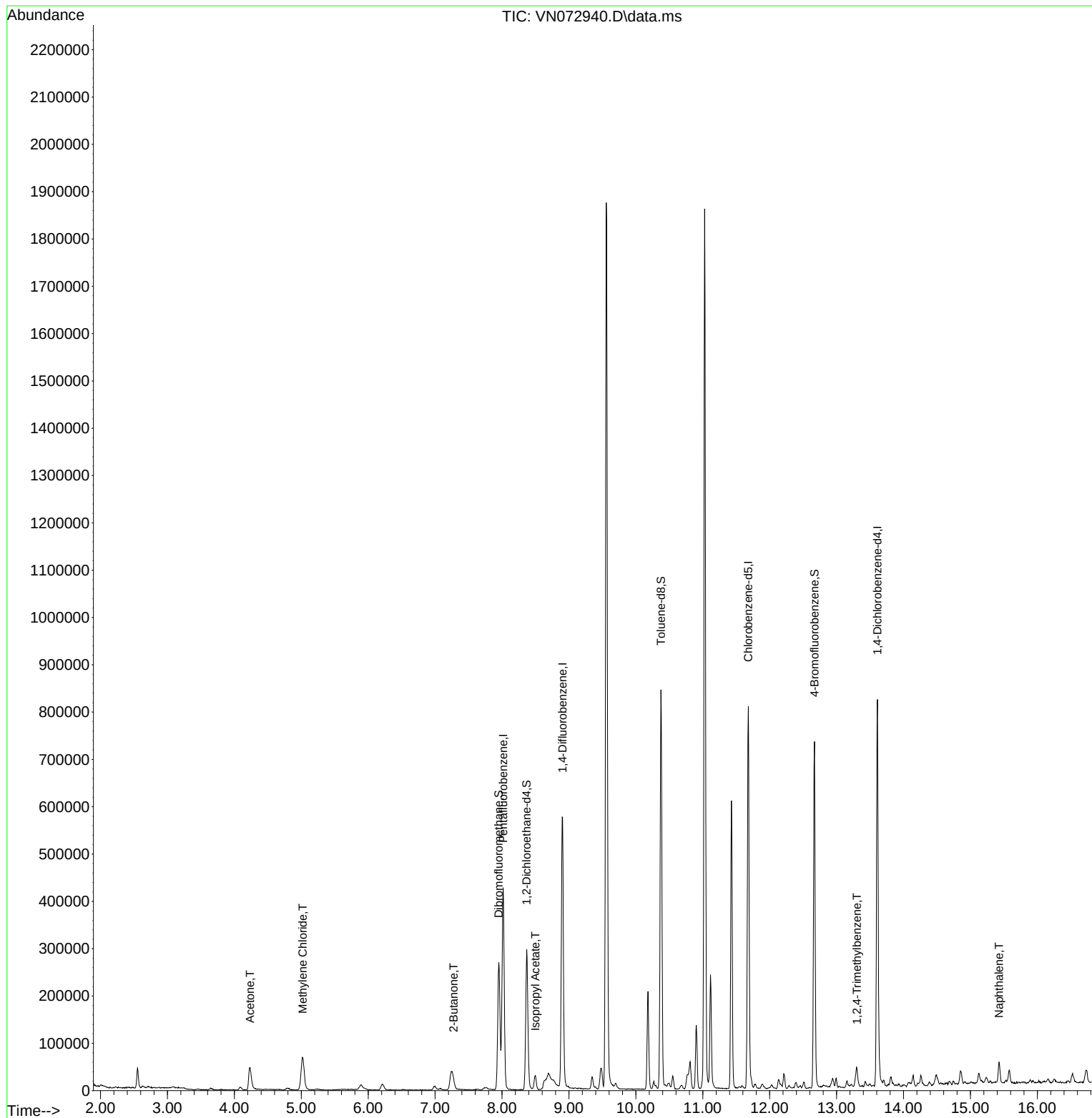
Internal Standards						
1) Pentafluorobenzene	8.016	168	326386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	528082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	475517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	223819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	243001	55.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.140%			
35) Dibromofluoromethane	7.951	113	202112	61.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 123.840%			
50) Toluene-d8	10.375	98	587733	48.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.780%			
62) 4-Bromofluorobenzene	12.669	95	246477	56.436	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.880%			
Target Compounds						
16) Acetone	4.234	43	91094	37.555	ug/l	99
20) Methylene Chloride	5.022	84	57280	15.056	ug/l	94
25) 2-Butanone	7.275	43	36746	9.547	ug/l	96
43) Isopropyl Acetate	8.498	43	36635	3.628	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.304	105	19578	1.382	ug/l	90
95) Naphthalene	15.427	128	39545	2.287	ug/l	98

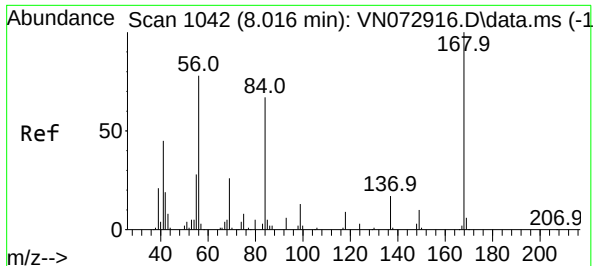
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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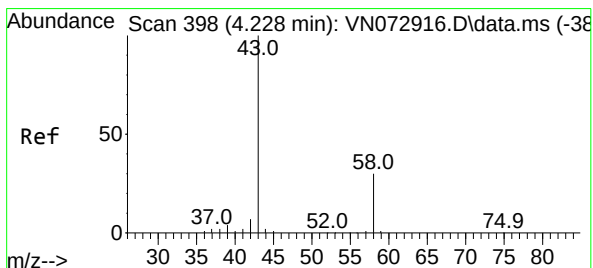
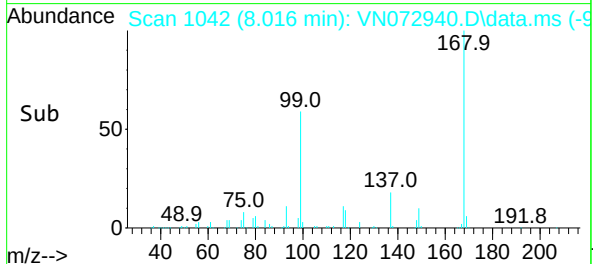
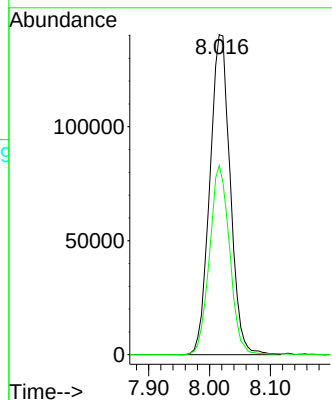
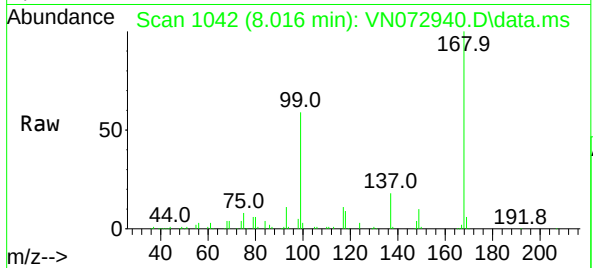




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072940.D
Acq: 18 Jun 2022 15:20

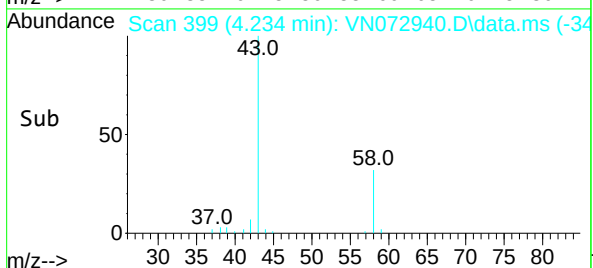
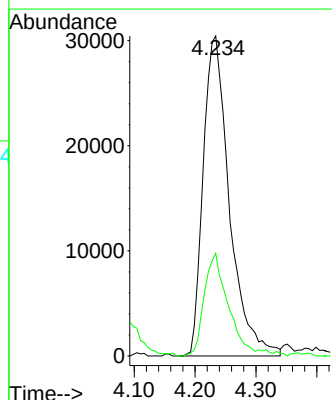
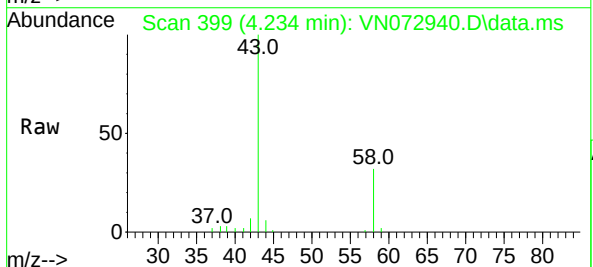
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

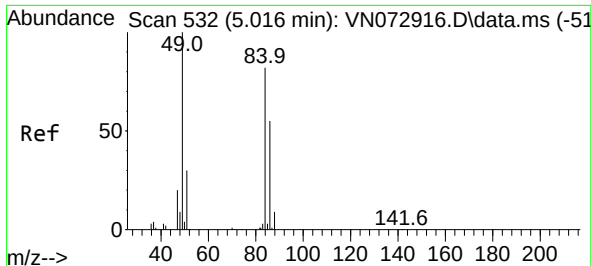
Tgt Ion:168 Resp: 326386
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#16
Acetone
Concen: 37.555 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072940.D
Acq: 18 Jun 2022 15:20

Tgt Ion: 43 Resp: 91094
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0

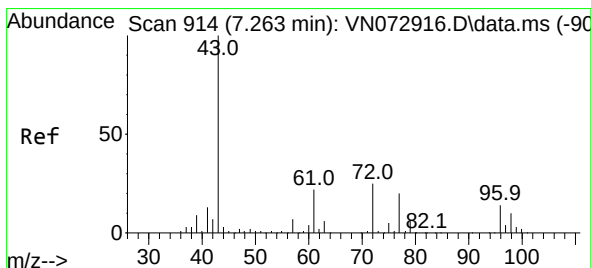
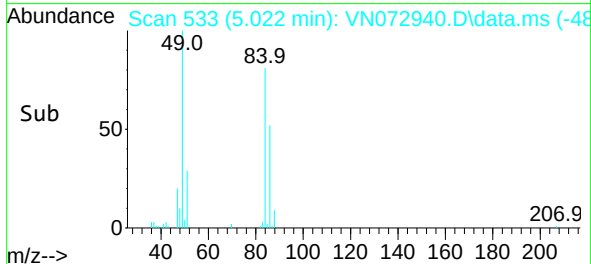
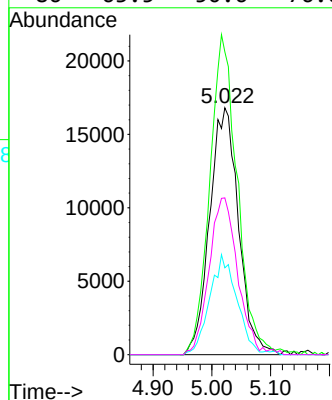
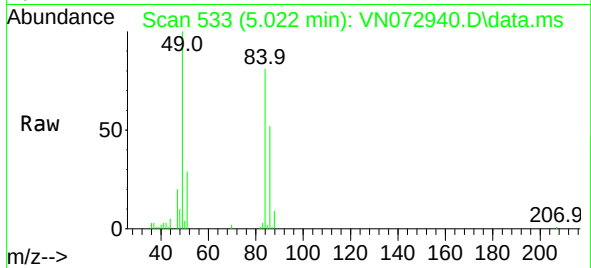




#20
Methylene Chloride
Concen: 15.056 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072940.D
Acq: 18 Jun 2022 15:20

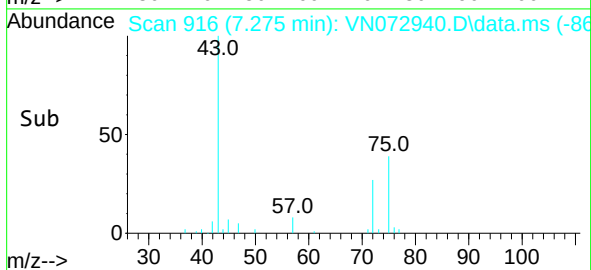
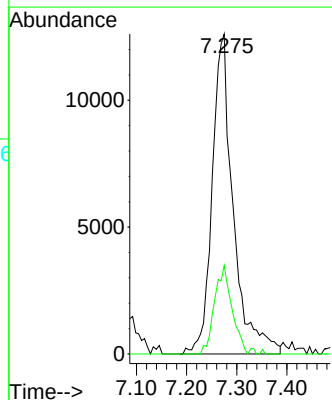
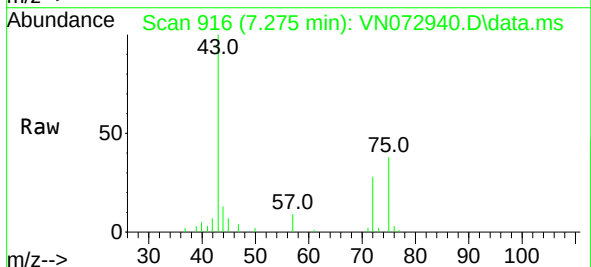
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-9

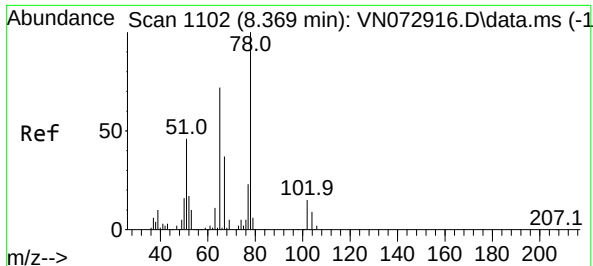
Tgt Ion:	84	Resp:	57280
Ion	Ratio	Lower	Upper
84	100		
49	122.7	88.3	132.5
51	35.2	28.2	42.2
86	63.5	50.6	76.0



#25
2-Butanone
Concen: 9.547 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072940.D
Acq: 18 Jun 2022 15:20

Tgt Ion:	43	Resp:	36746
Ion	Ratio	Lower	Upper
43	100		
72	27.7	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 55.069 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

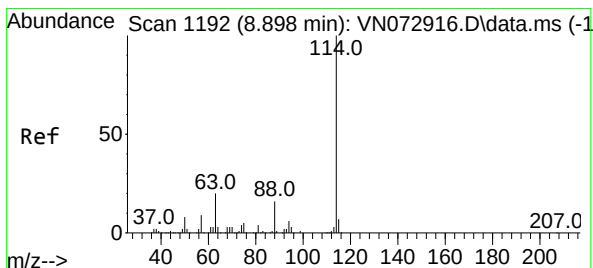
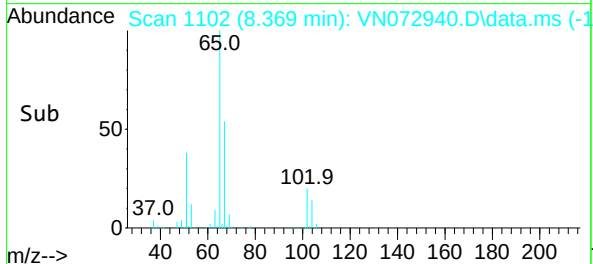
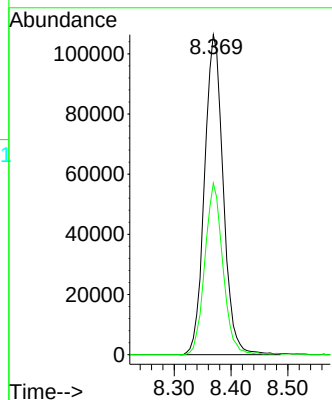
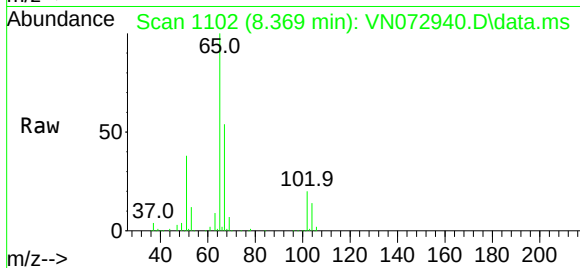
WC-14A-1A-9

Tgt Ion: 65 Resp: 243001

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

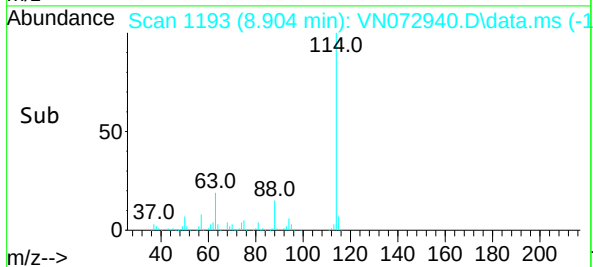
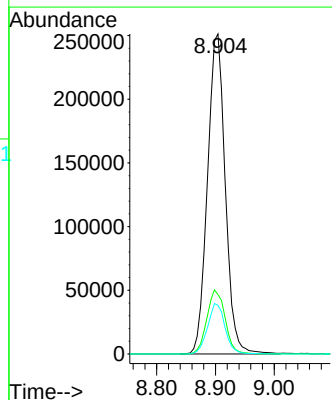
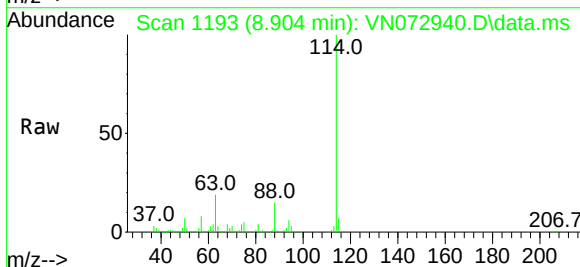
Tgt Ion: 114 Resp: 528082

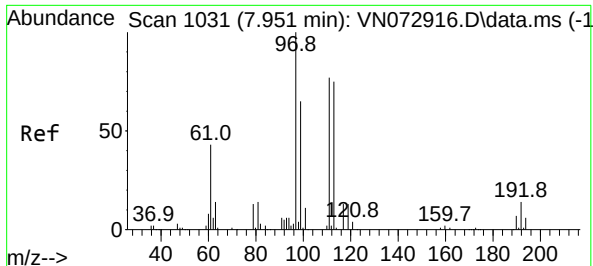
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 61.921 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-9

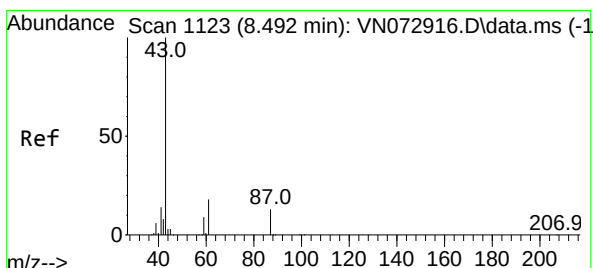
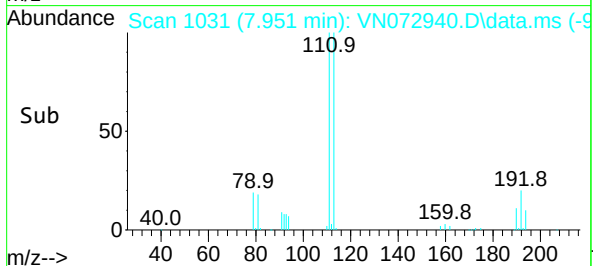
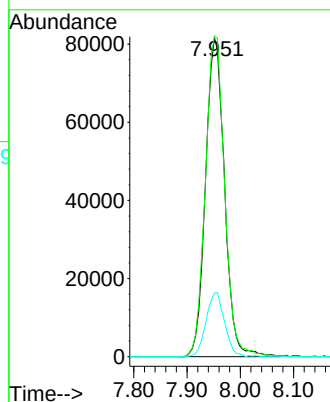
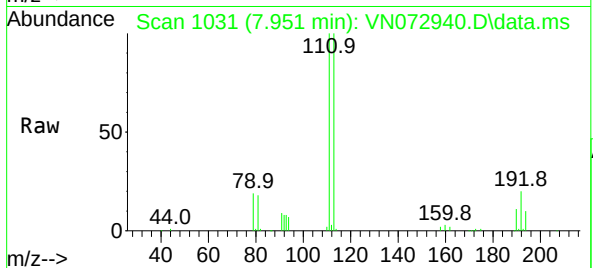
Tgt Ion:113 Resp: 202112

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.4 17.0 25.6



#43

Isopropyl Acetate

Concen: 3.628 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

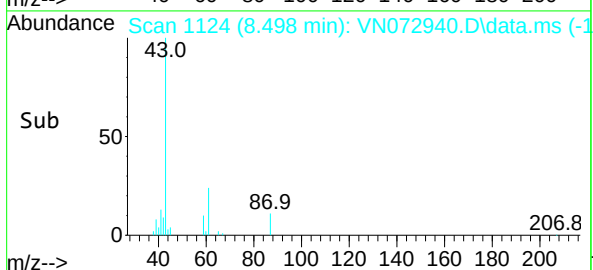
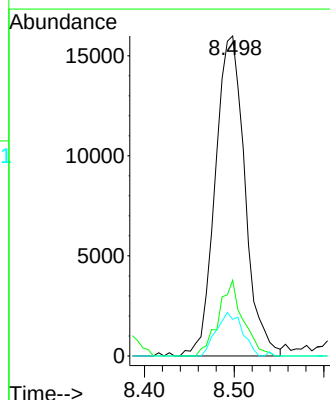
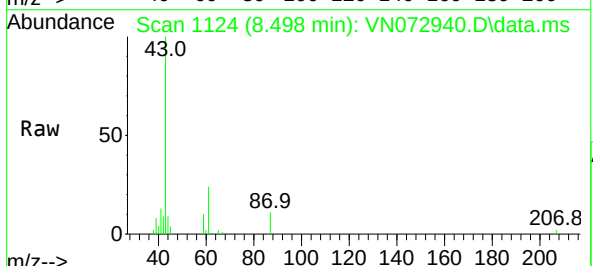
Tgt Ion: 43 Resp: 36635

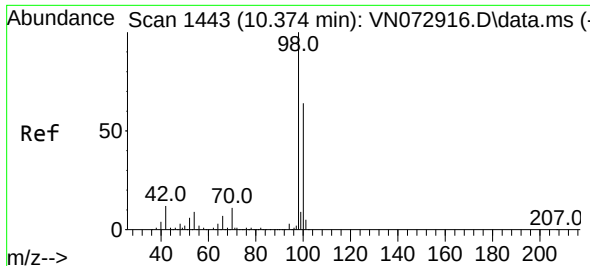
Ion Ratio Lower Upper

43 100

61 19.6 21.9 32.9#

87 12.0 12.0 18.0#

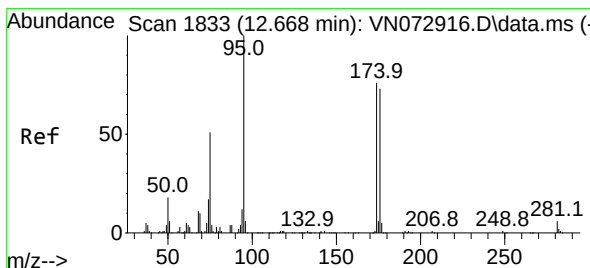
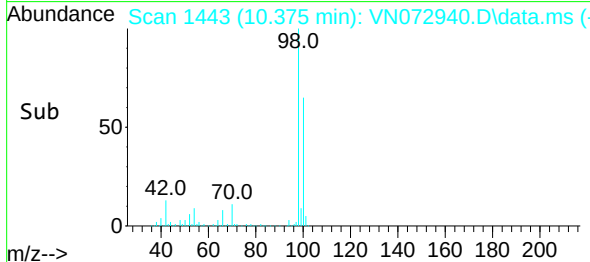
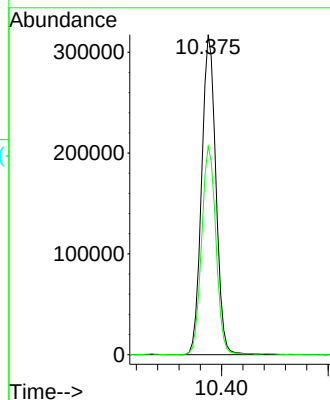
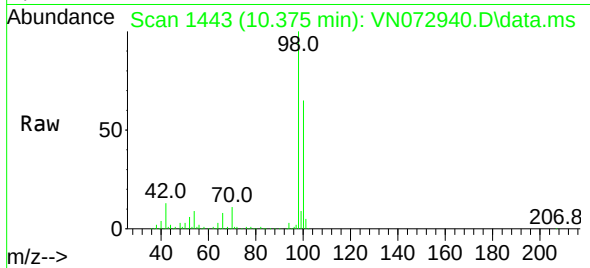




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072940.D
Acq: 18 Jun 2022 15:20

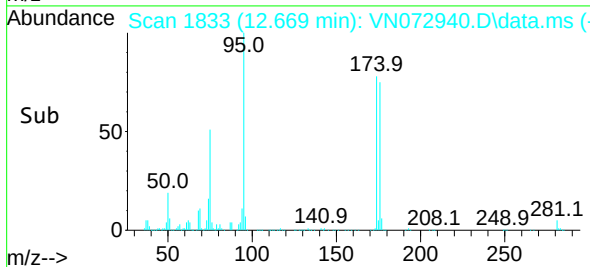
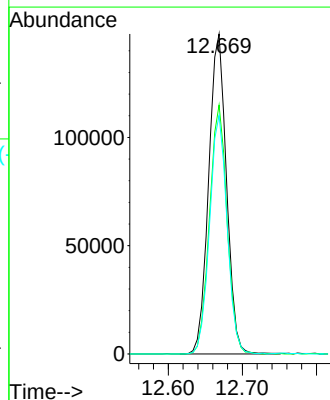
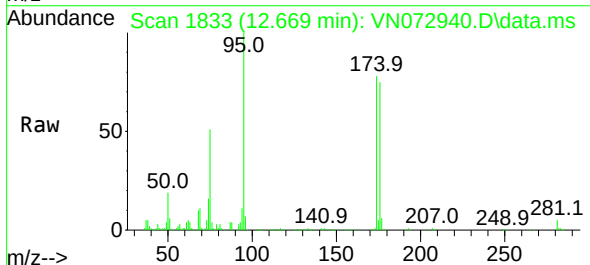
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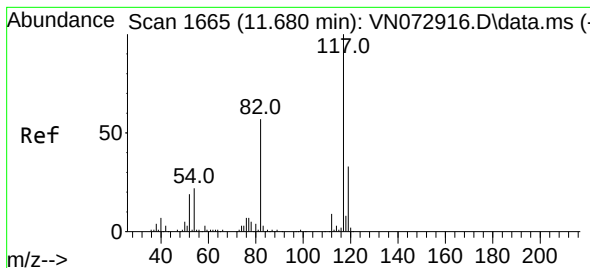
Tgt Ion: 98 Resp: 587733
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.436 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072940.D
Acq: 18 Jun 2022 15:20

Tgt Ion: 95 Resp: 246477
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 73.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-9

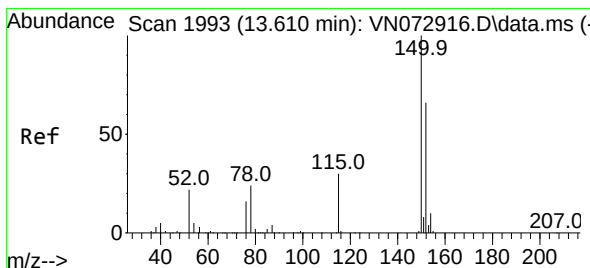
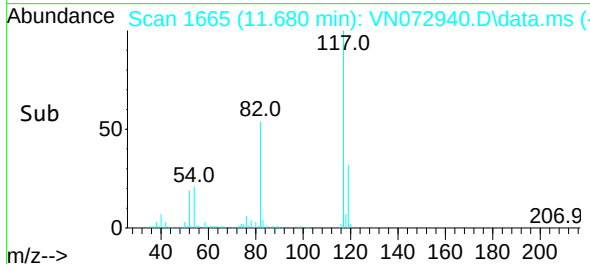
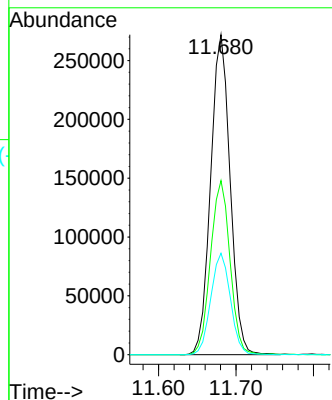
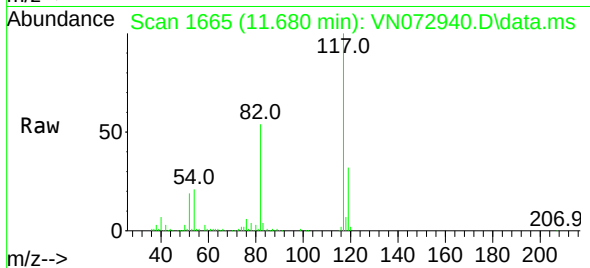
Tgt Ion:117 Resp: 475517

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

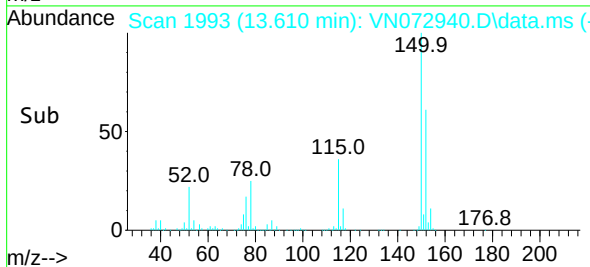
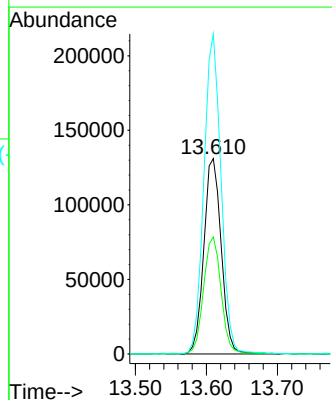
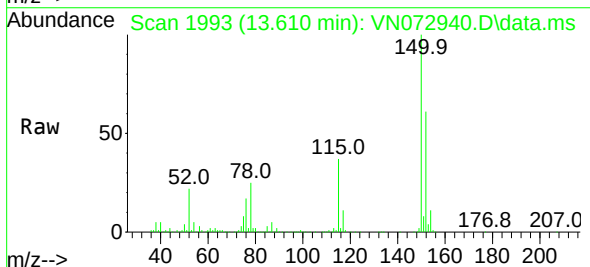
Tgt Ion:152 Resp: 223819

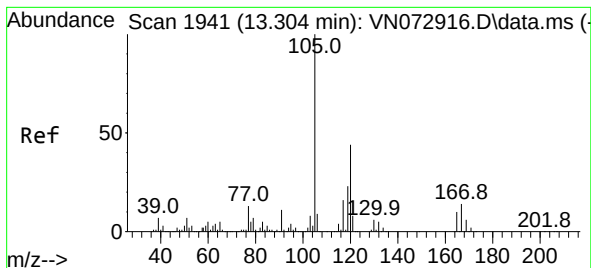
Ion Ratio Lower Upper

152 100

115 59.6 28.9 86.7

150 161.1 0.0 356.2





#84

1,2,4-Trimethylbenzene

Concen: 1.382 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

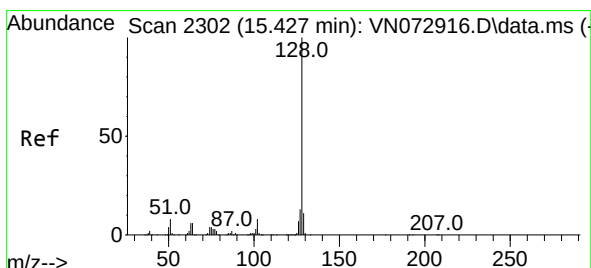
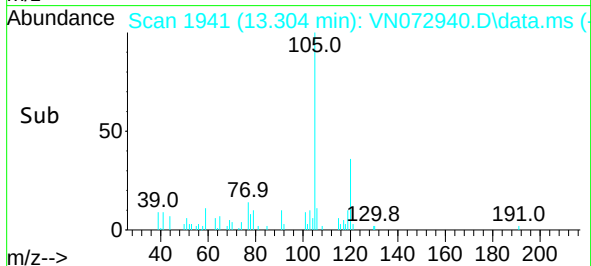
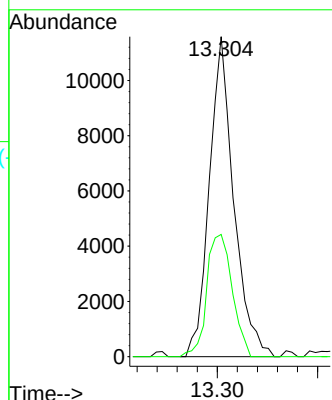
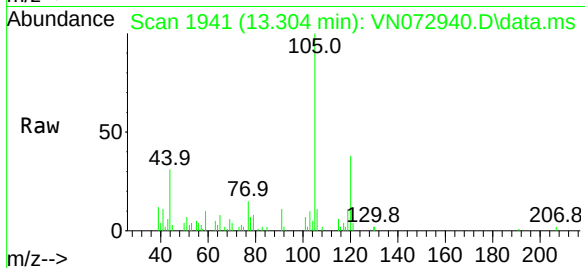
WC-14A-1A-9

Tgt Ion:105 Resp: 19578

Ion Ratio Lower Upper

105 100

120 39.9 23.3 69.8



#95

Naphthalene

Concen: 2.287 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072940.D

Acq: 18 Jun 2022 15:20

Tgt Ion:128 Resp: 39545

Ion Ratio Lower Upper

128 100

127 11.3 10.3 15.5

129 11.0 8.6 13.0

