

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072932.D
 Acq On : 18 Jun 2022 12:06
 Operator : JC\MD
 Sample : N3301-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SO-20220609

Quant Time: Jun 20 08:03:15 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)

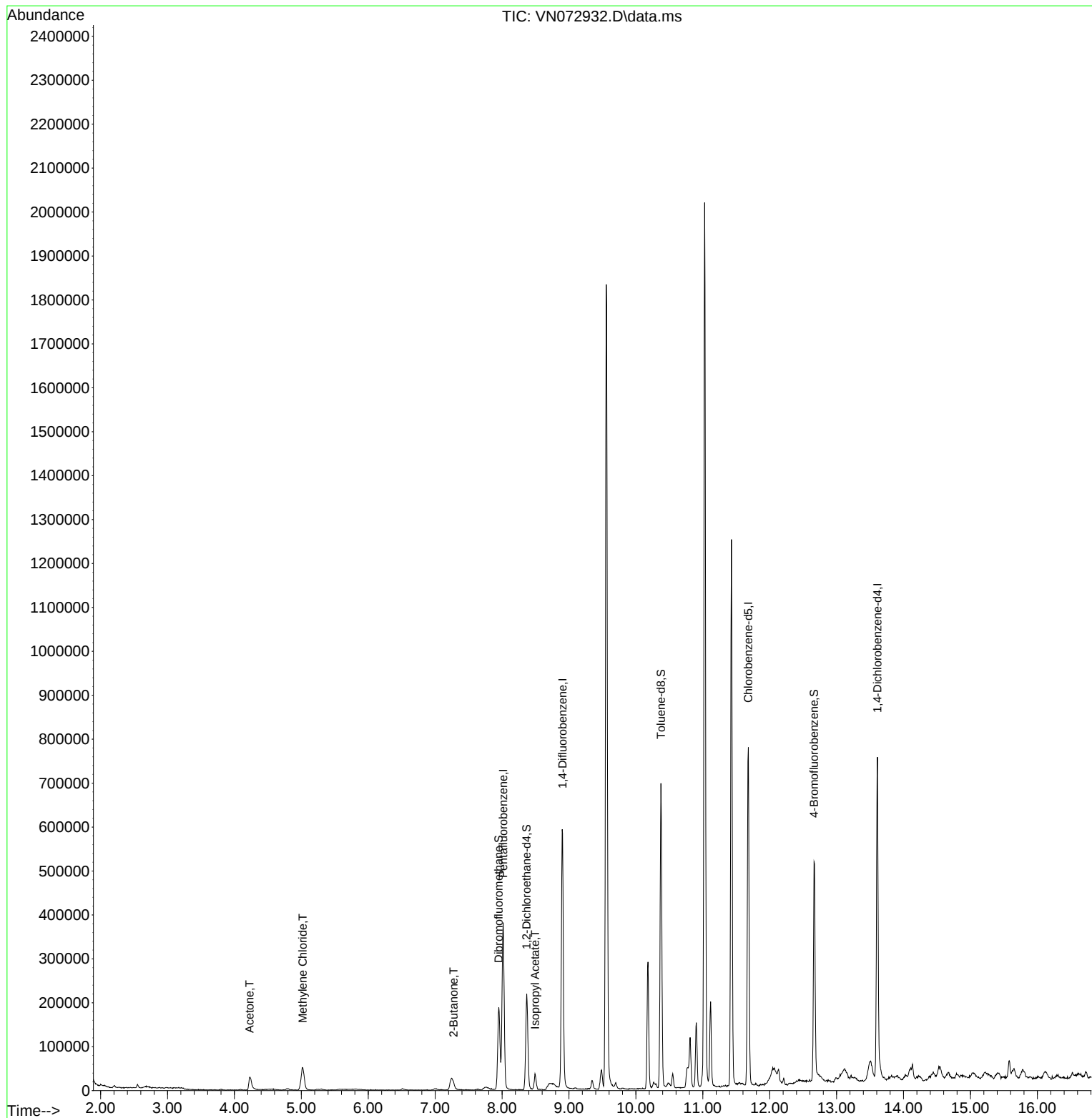
Internal Standards						
1) Pentafluorobenzene	8.016	168	292999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	526576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	451606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	199399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178983	45.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.360%
35) Dibromofluoromethane	7.951	113	139849	42.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.940%
50) Toluene-d8	10.374	98	467677	38.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	77.240%#
62) 4-Bromofluorobenzene	12.663	95	167898	38.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.100%#
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	55436	25.459	ug/l	96
20) Methylene Chloride	5.022	84	42247	12.326	ug/l	94
25) 2-Butanone	7.275	43	25856	7.483	ug/l #	87
43) Isopropyl Acetate	8.492	43	40687	4.041	ug/l #	86

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

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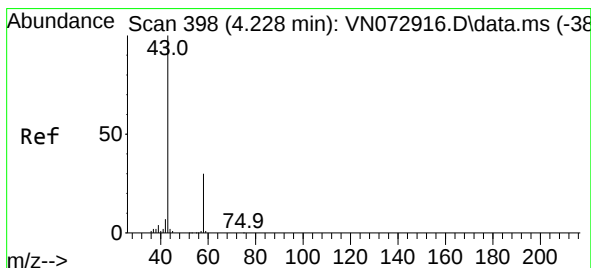
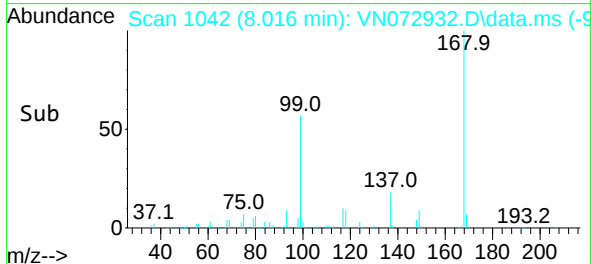
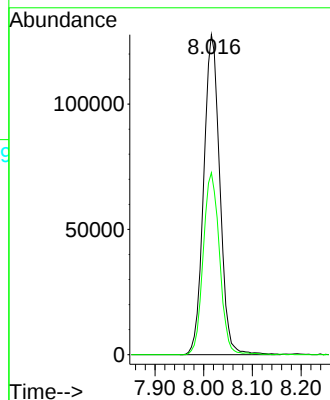
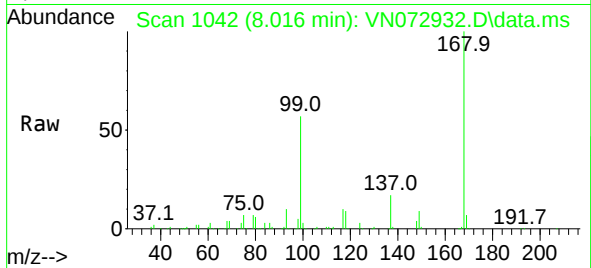




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072932.D
Acq: 18 Jun 2022 12:06

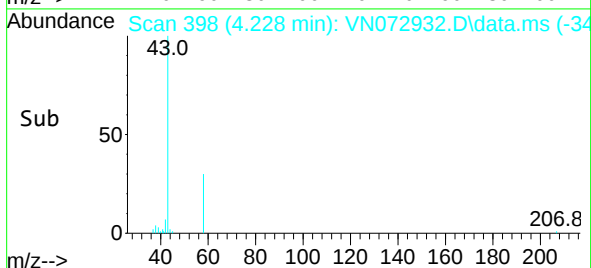
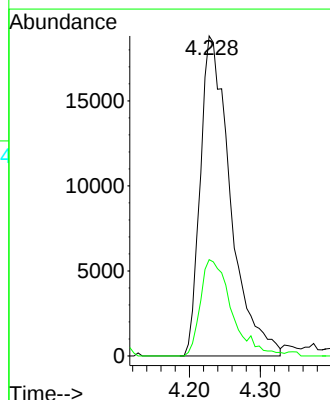
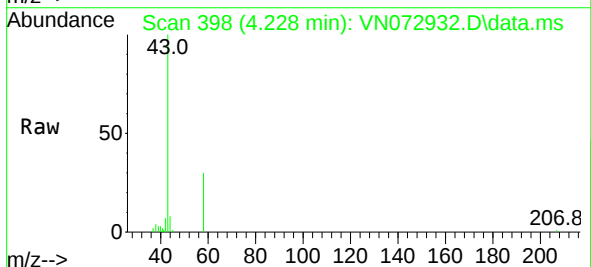
Instrument :
MSVOA_N
ClientSampleId :
WC-SO-20220609

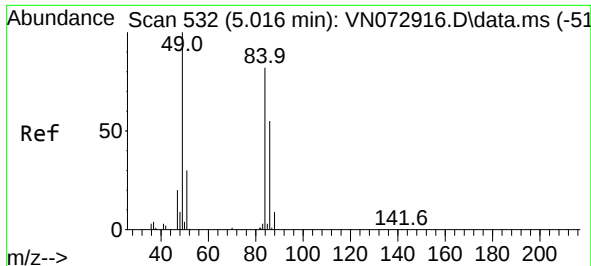
Tgt Ion:168 Resp: 292999
Ion Ratio Lower Upper
168 100
99 56.9 42.3 63.5



#16
Acetone
Concen: 25.459 ug/l
RT: 4.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: VN072932.D
Acq: 18 Jun 2022 12:06

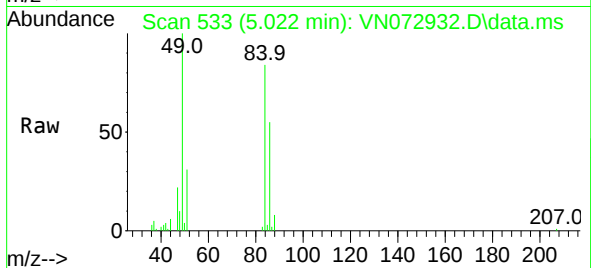
Tgt Ion: 43 Resp: 55436
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0



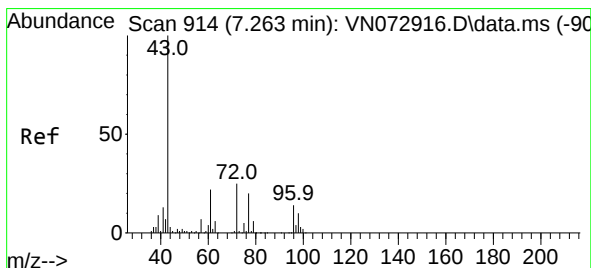
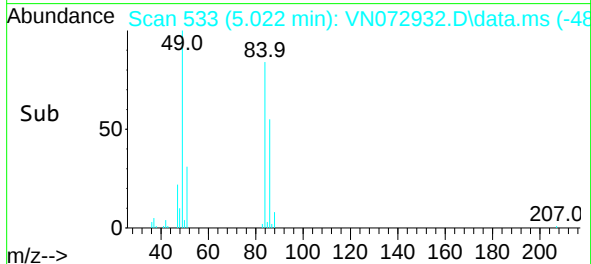
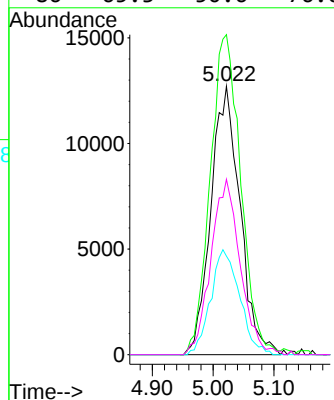


#20
Methylene Chloride
Concen: 12.326 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072932.D
Acq: 18 Jun 2022 12:06

Instrument :
MSVOA_N
ClientSampleId :
WC-SO-20220609

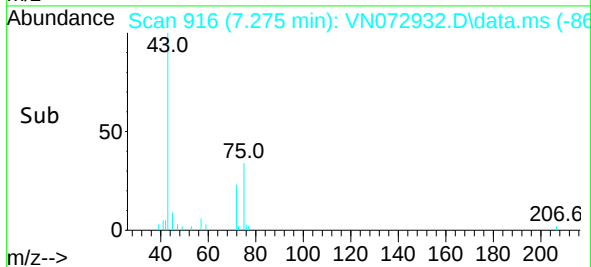
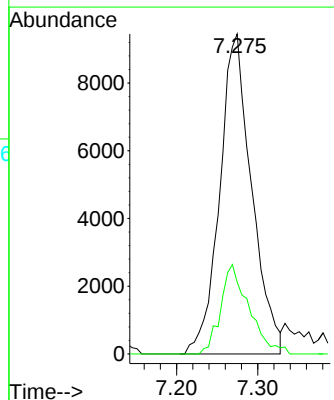
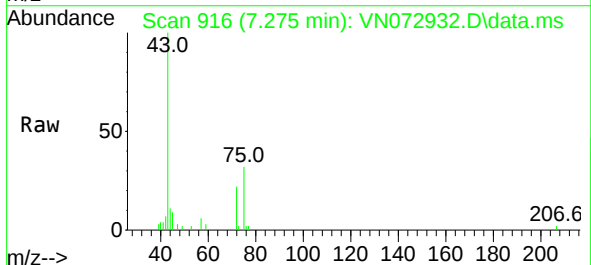


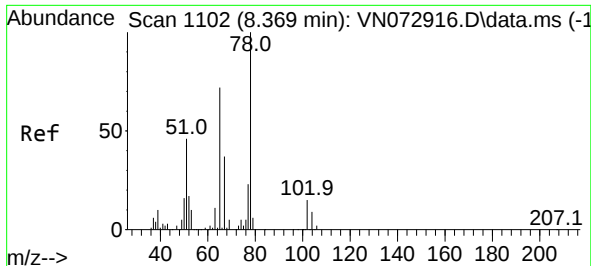
Tgt Ion: 84	Resp: 42247
Ion Ratio	Lower Upper
84 100	
49 119.2	88.3 132.5
51 36.7	28.2 42.2
86 65.3	50.6 76.0



#25
2-Butanone
Concen: 7.483 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072932.D
Acq: 18 Jun 2022 12:06

Tgt Ion: 43	Resp: 25856
Ion Ratio	Lower Upper
43 100	
72 22.5	23.7 35.5#

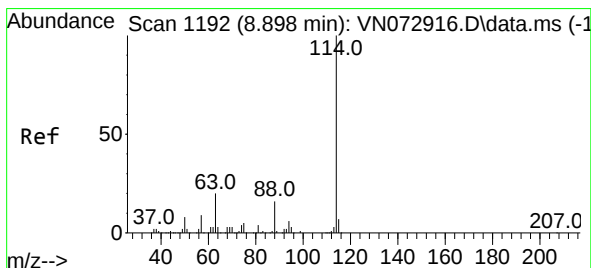
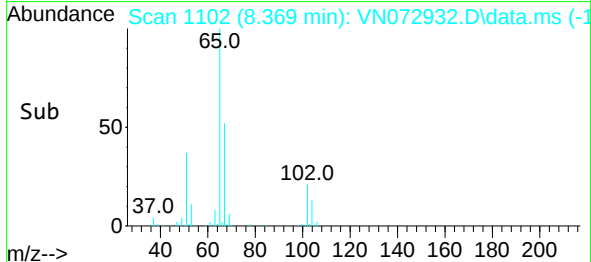
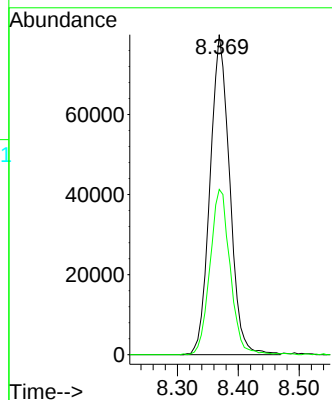
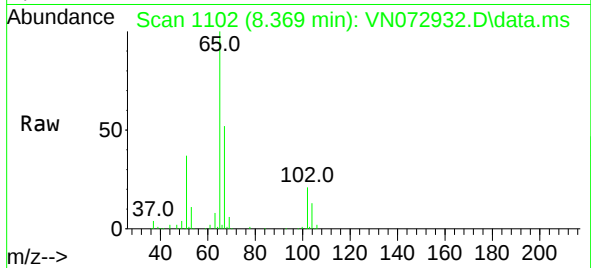




#33
 1,2-Dichloroethane-d4
 Concen: 45.183 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN072932.D
 Acq: 18 Jun 2022 12:06

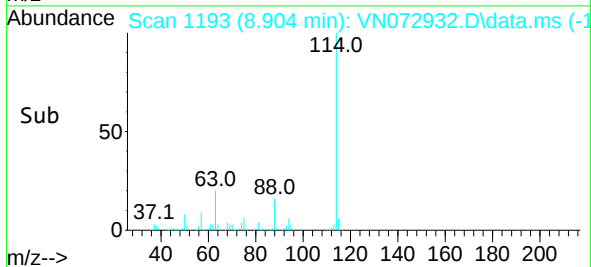
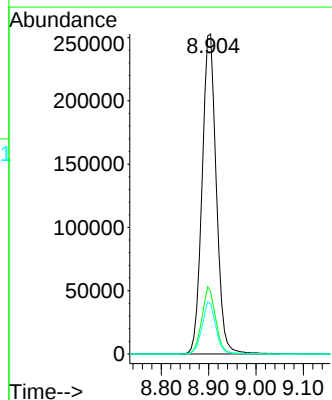
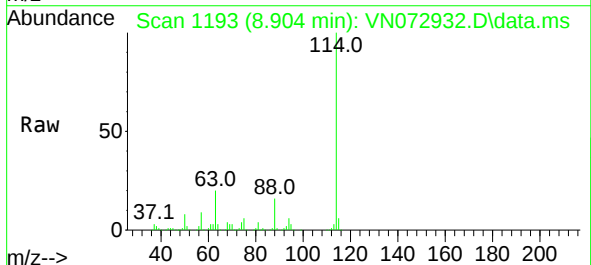
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SO-20220609

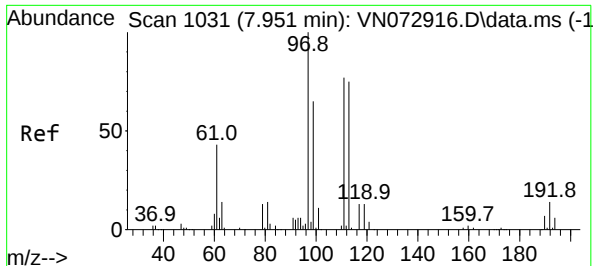
Tgt Ion: 65 Resp: 178983
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN072932.D
 Acq: 18 Jun 2022 12:06

Tgt Ion: 114 Resp: 526576
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 42.968 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN072932.D

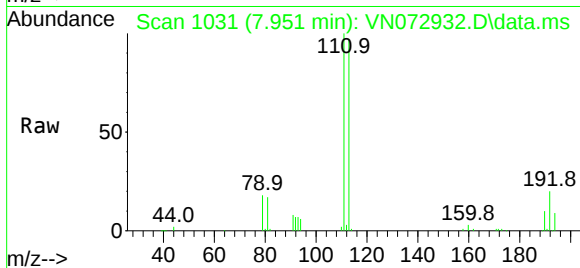
Acq: 18 Jun 2022 12:06

Instrument :

MSVOA_N

ClientSampleId :

WC-SO-20220609



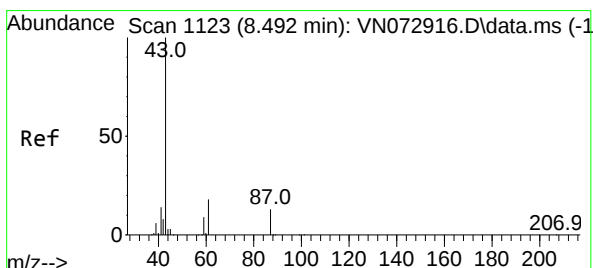
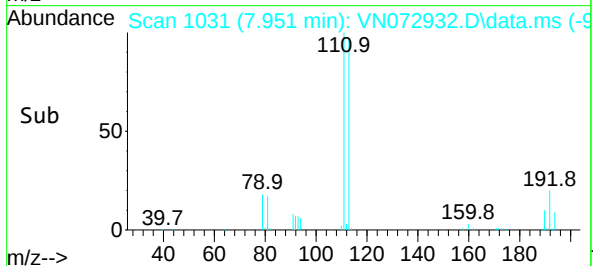
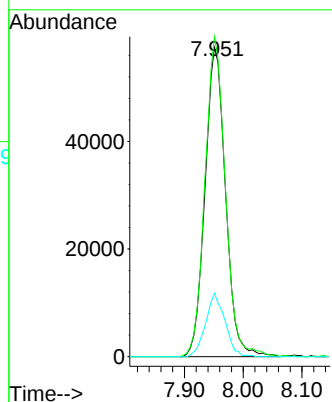
Tgt Ion:113 Resp: 139849

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 19.3 17.0 25.6



#43

Isopropyl Acetate

Concen: 4.041 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN072932.D

Acq: 18 Jun 2022 12:06

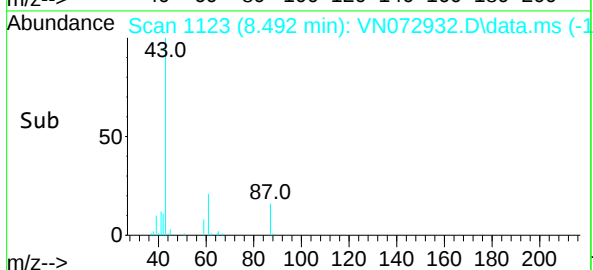
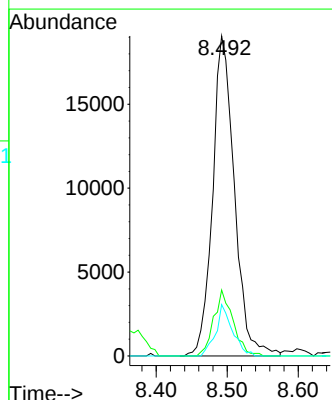
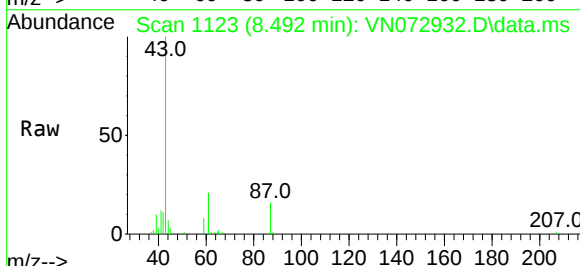
Tgt Ion: 43 Resp: 40687

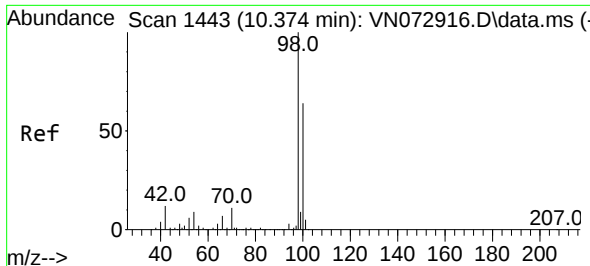
Ion Ratio Lower Upper

43 100

61 18.2 21.9 32.9#

87 12.2 12.0 18.0

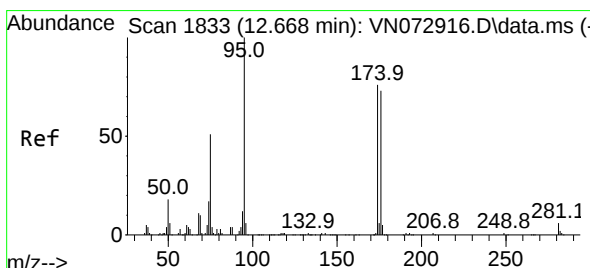
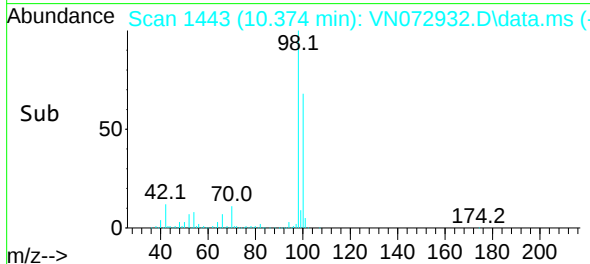
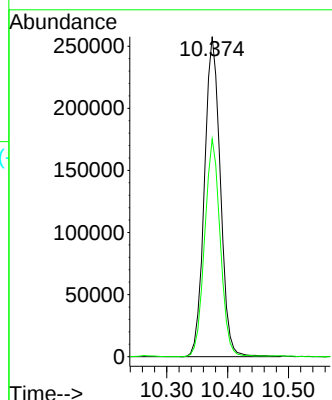
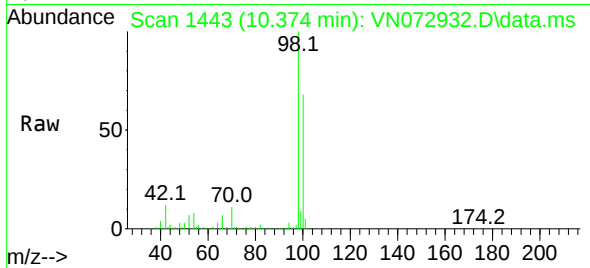




#50
Toluene-d8
Concen: 38.616 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072932.D
Acq: 18 Jun 2022 12:06

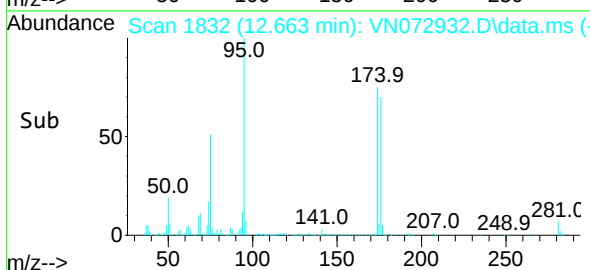
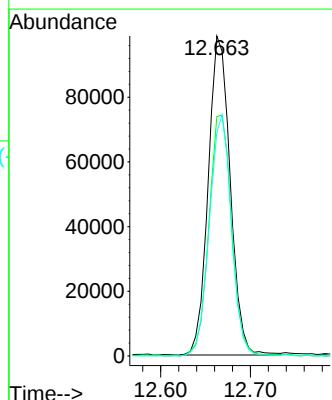
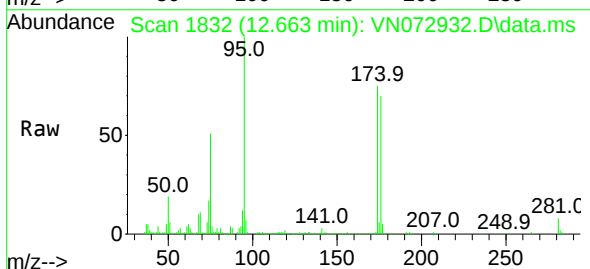
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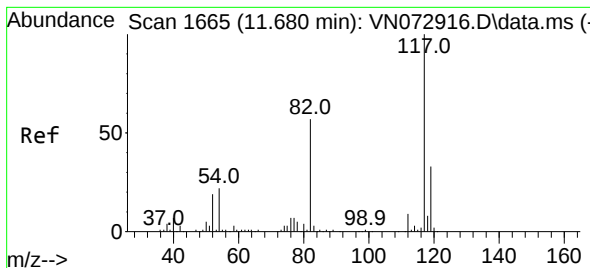
Tgt Ion: 98 Resp: 467677
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 38.554 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072932.D
Acq: 18 Jun 2022 12:06

Tgt Ion: 95 Resp: 167898
Ion Ratio Lower Upper
95 100
174 77.6 0.0 167.6
176 75.8 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: VN072932.D

Acq: 18 Jun 2022 12:06

Instrument :

MSVOA_N

ClientSampleId :

WC-SO-20220609

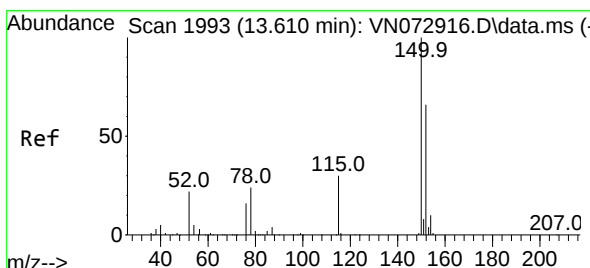
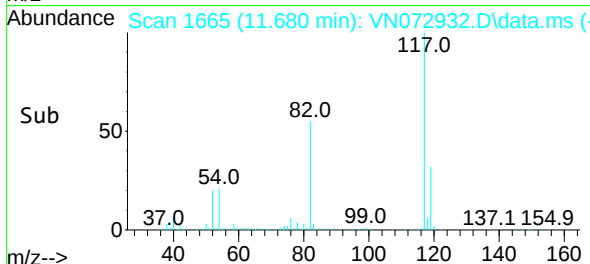
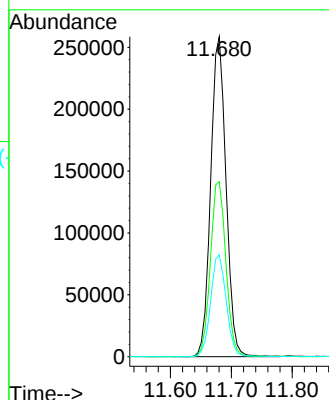
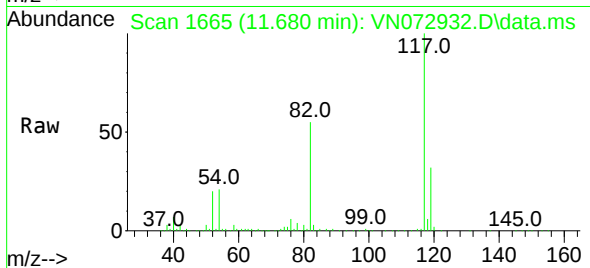
Tgt Ion:117 Resp: 451606

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.2

119 31.8 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: VN072932.D

Acq: 18 Jun 2022 12:06

Tgt Ion:152 Resp: 199399

Ion Ratio Lower Upper

152 100

115 62.3 28.9 86.7

150 154.3 0.0 356.2

