

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072939.D
 Acq On : 18 Jun 2022 14:56
 Operator : JC\MD
 Sample : N3304-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-10-G

Quant Time: Jun 20 08:04:52 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)

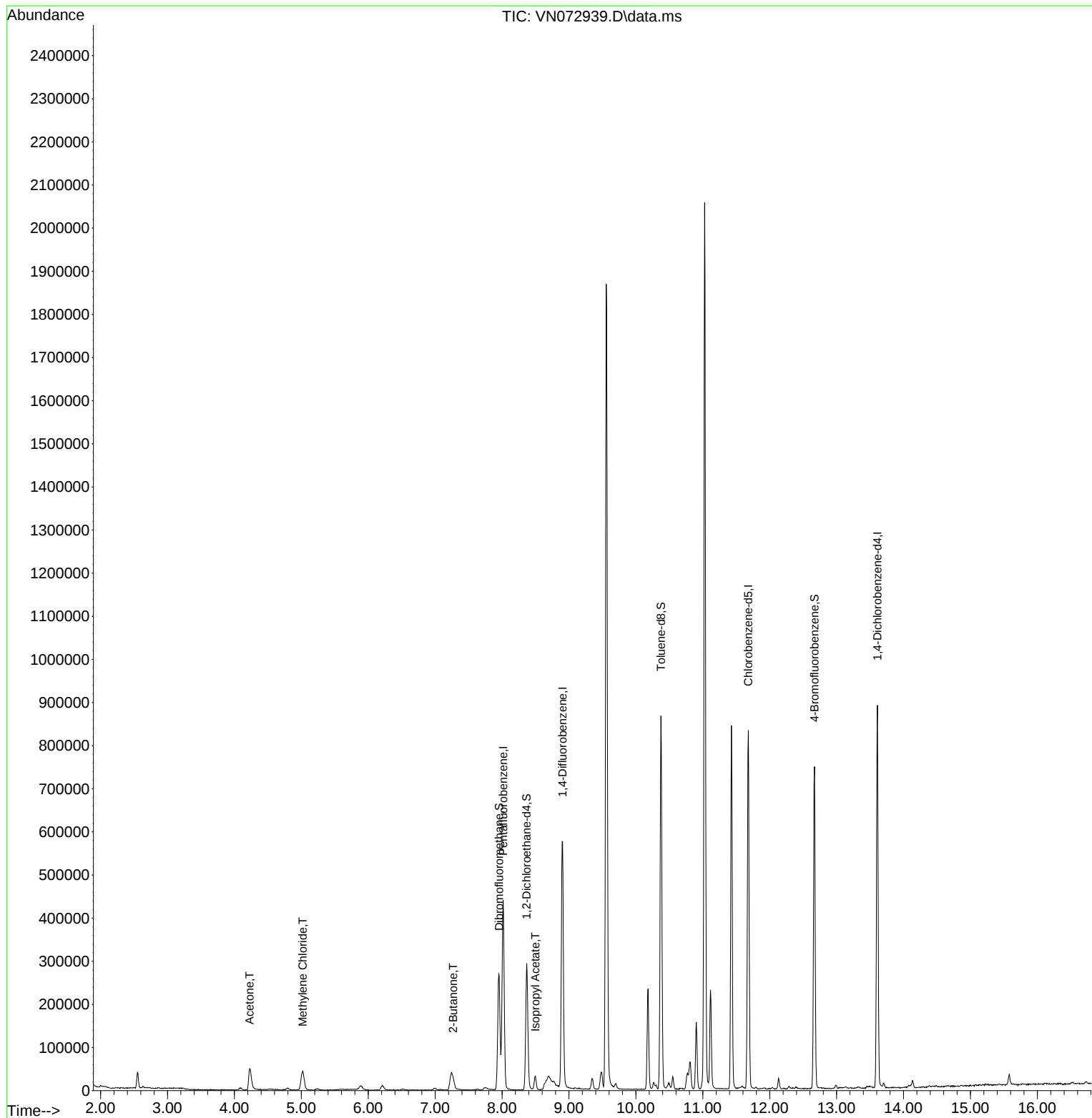
Internal Standards						
1) Pentafluorobenzene	8.016	168	332276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	537161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	488662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	242091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	241400	53.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.480%
35) Dibromofluoromethane	7.957	113	202885	61.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	122.220%
50) Toluene-d8	10.375	98	596392	48.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.669	95	256680	57.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.560%
Target Compounds						
						Qvalue
16) Acetone	4.228	43	94983	38.464	ug/l	92
20) Methylene Chloride	5.022	84	36090	9.225	ug/l	93
25) 2-Butanone	7.269	43	35085	8.954	ug/l	92
43) Isopropyl Acetate	8.498	43	37388	3.640	ug/l #	88

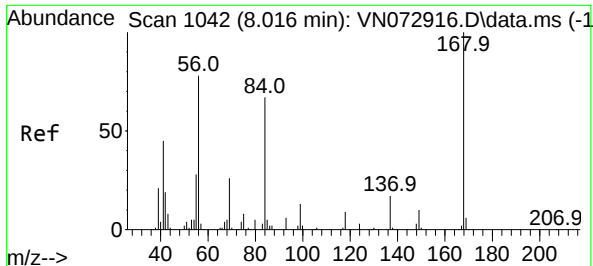
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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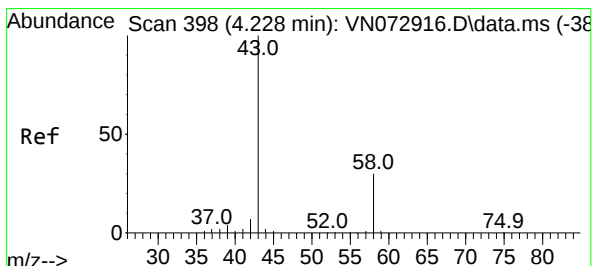
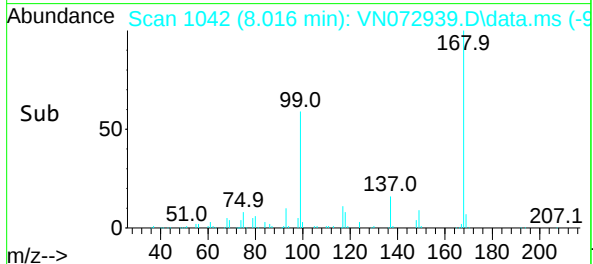
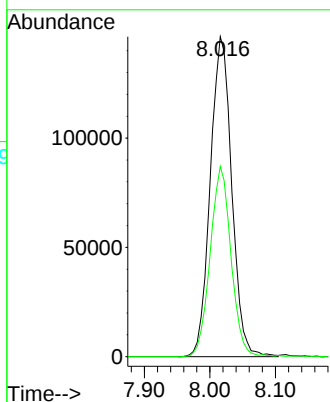
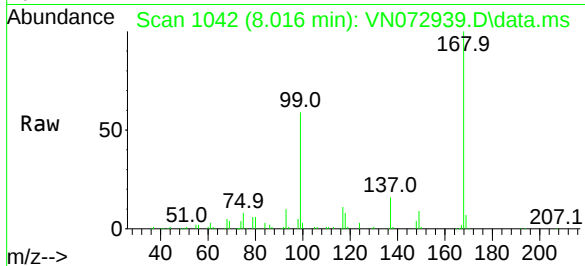




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072939.D
Acq: 18 Jun 2022 14:56

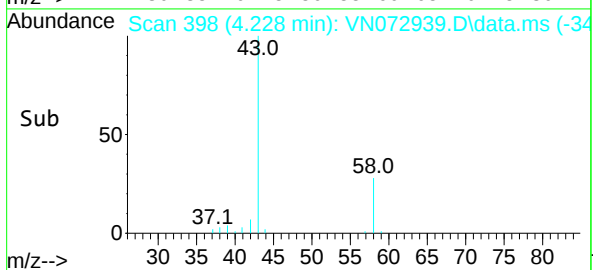
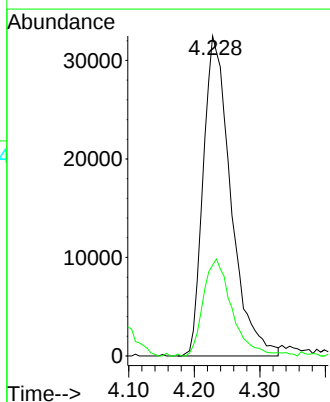
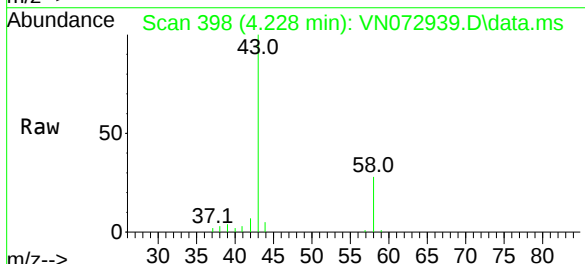
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-10-G

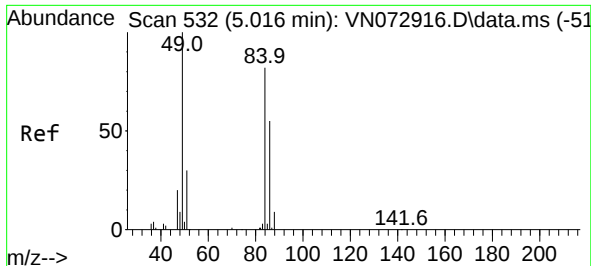
Tgt Ion:168 Resp: 332276
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#16
Acetone
Concen: 38.464 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN072939.D
Acq: 18 Jun 2022 14:56

Tgt Ion: 43 Resp: 94983
Ion Ratio Lower Upper
43 100
58 27.8 26.0 39.0



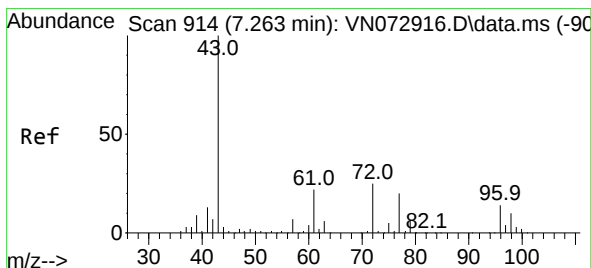
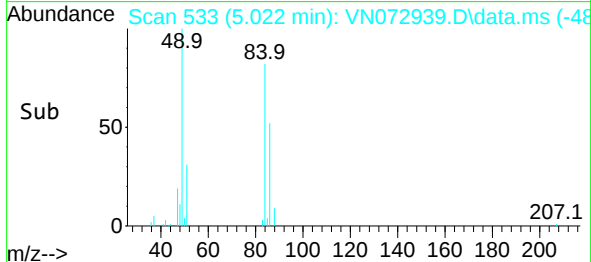
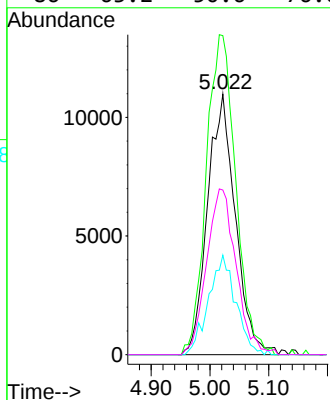
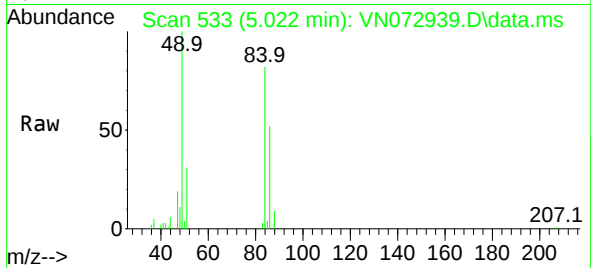


#20
Methylene Chloride
Concen: 9.225 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072939.D
Acq: 18 Jun 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-10-G

Tgt Ion: 84 Resp: 36090

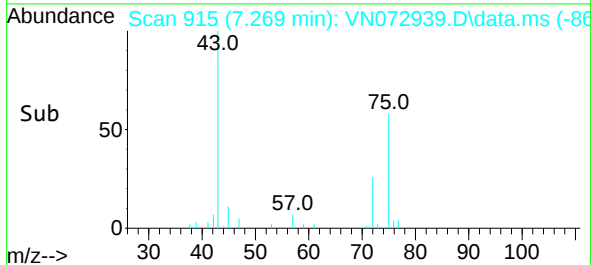
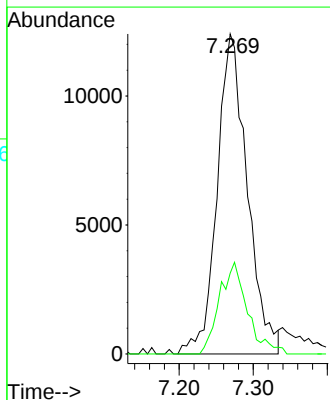
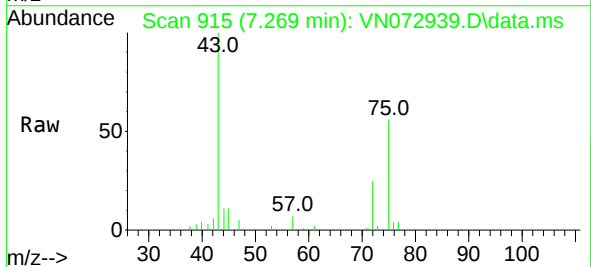
Ion	Ratio	Lower	Upper
84	100		
49	122.4	88.3	132.5
51	38.2	28.2	42.2
86	63.2	50.6	76.0

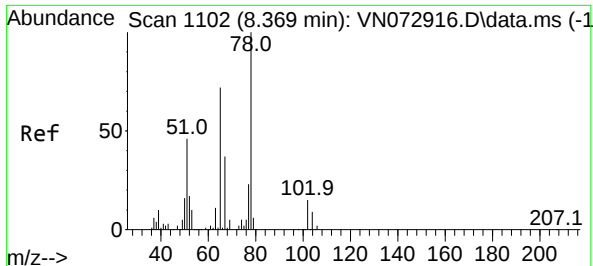


#25
2-Butanone
Concen: 8.954 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.006 min
Lab File: VN072939.D
Acq: 18 Jun 2022 14:56

Tgt Ion: 43 Resp: 35085

Ion	Ratio	Lower	Upper
43	100		
72	25.3	23.7	35.5

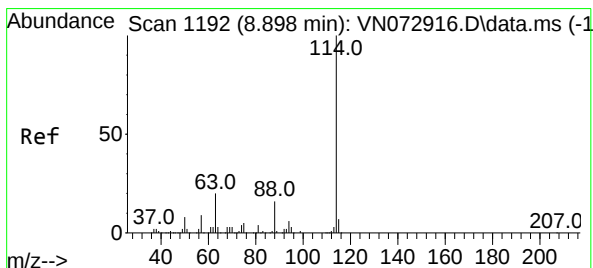
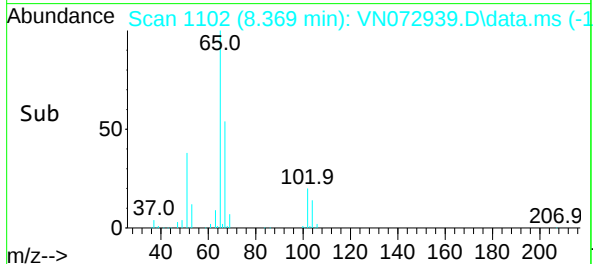
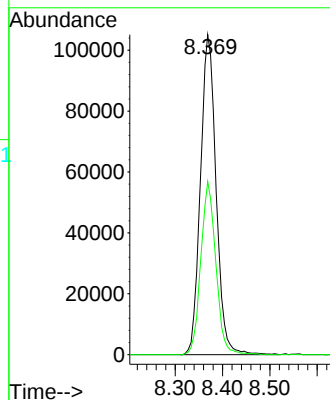
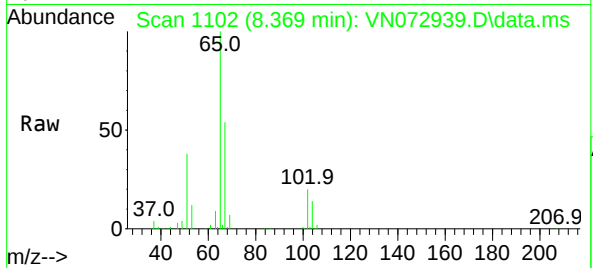




#33
 1,2-Dichloroethane-d4
 Concen: 53.737 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN072939.D
 Acq: 18 Jun 2022 14:56

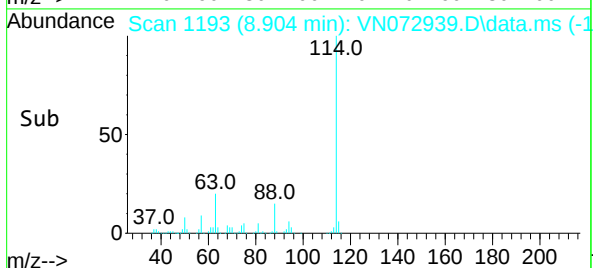
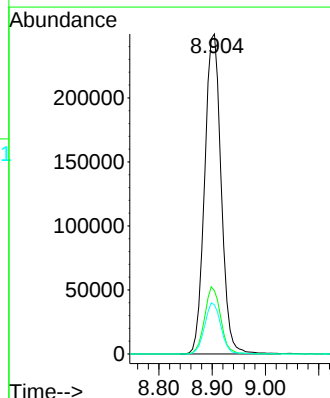
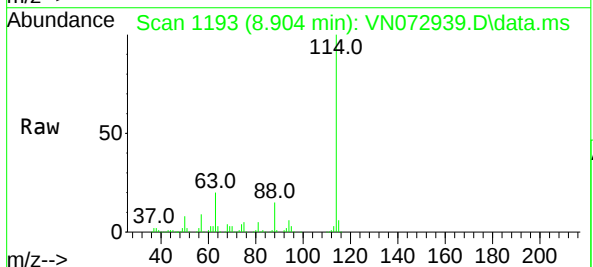
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-10-G

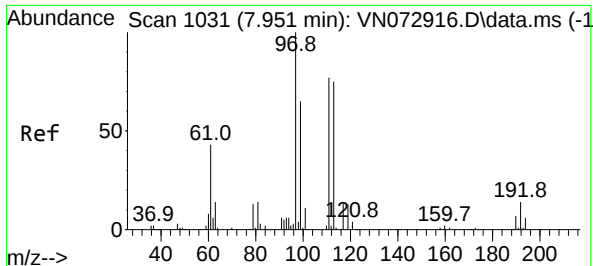
Tgt Ion: 65 Resp: 241400
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN072939.D
 Acq: 18 Jun 2022 14:56

Tgt Ion: 114 Resp: 537161
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 61.107 ug/l

RT: 7.957 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN072939.D

Acq: 18 Jun 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-10-G

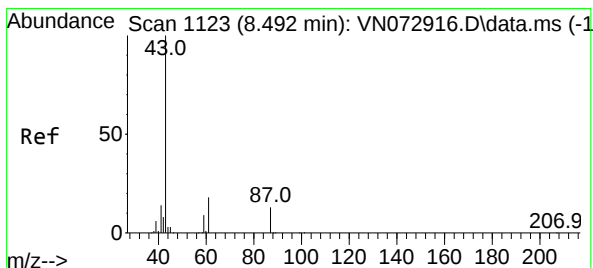
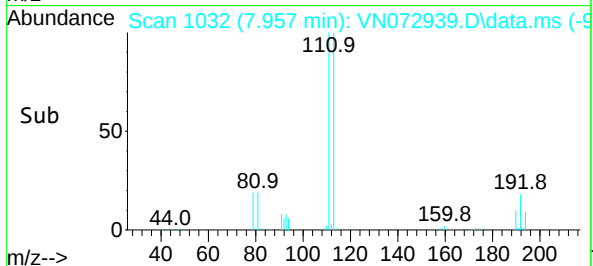
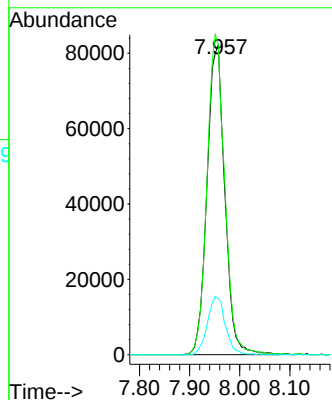
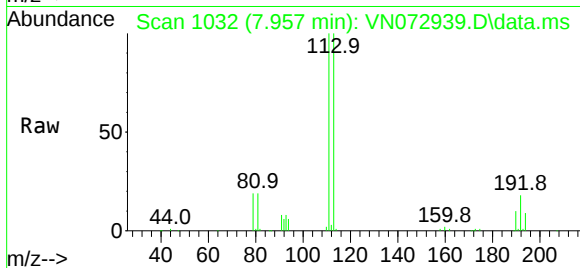
Tgt Ion:113 Resp: 202885

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 18.8 17.0 25.6



#43

Isopropyl Acetate

Concen: 3.640 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN072939.D

Acq: 18 Jun 2022 14:56

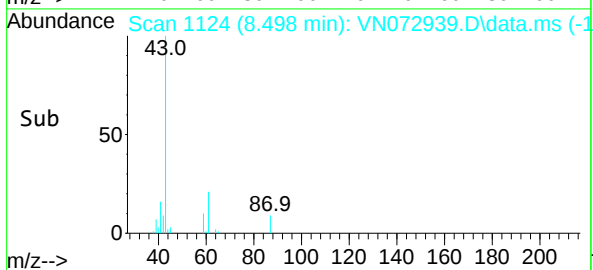
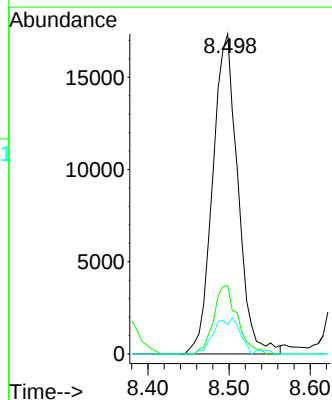
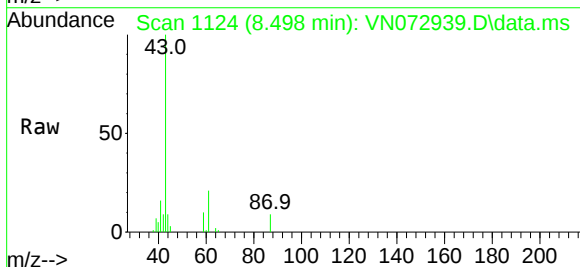
Tgt Ion: 43 Resp: 37388

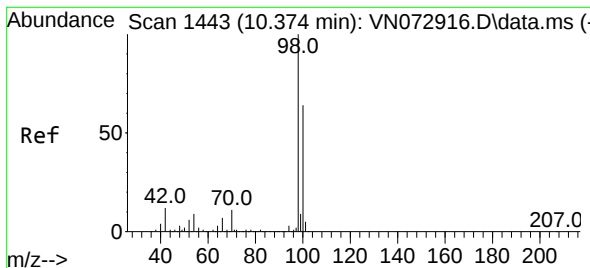
Ion Ratio Lower Upper

43 100

61 20.1 21.9 32.9#

87 11.9 12.0 18.0#





#50

Toluene-d8

Concen: 48.274 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072939.D

Acq: 18 Jun 2022 14:56

Instrument :

MSVOA_N

ClientSampleId :

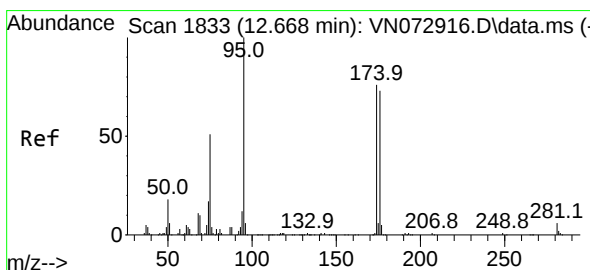
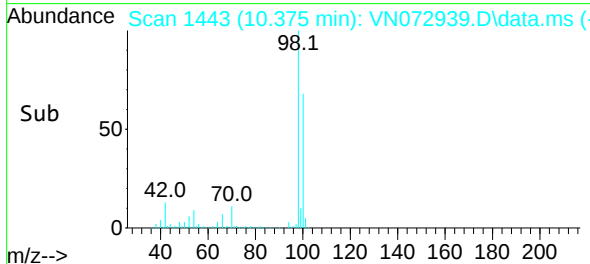
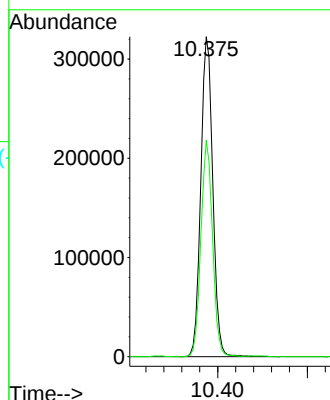
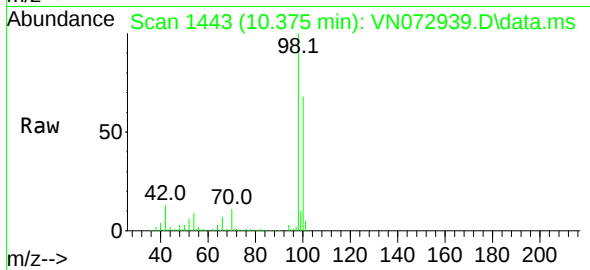
WC-14A-1A-10-G

Tgt Ion: 98 Resp: 596392

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 57.779 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN072939.D

Acq: 18 Jun 2022 14:56

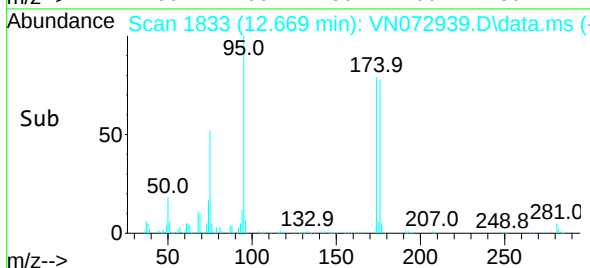
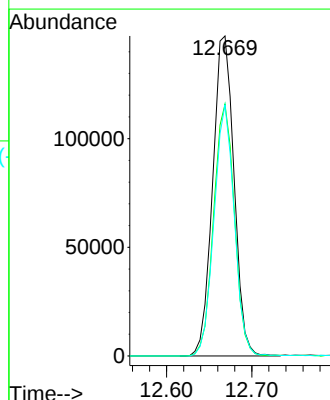
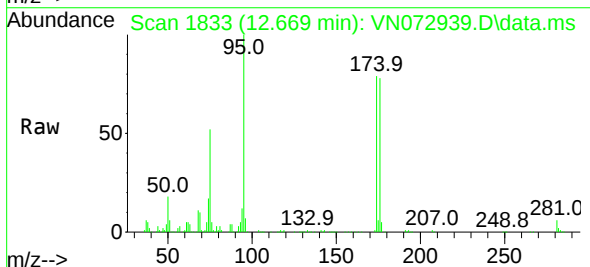
Tgt Ion: 95 Resp: 256680

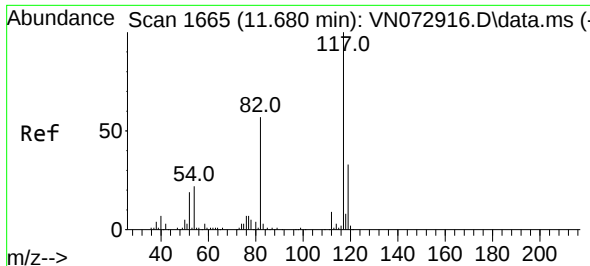
Ion Ratio Lower Upper

95 100

174 76.5 0.0 167.6

176 74.3 0.0 163.4

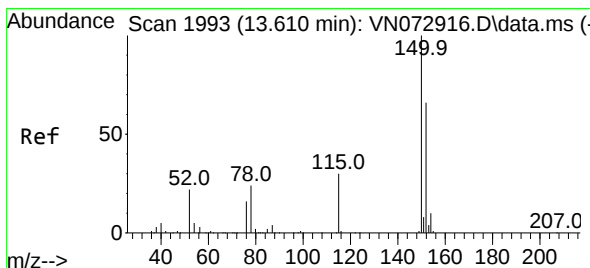
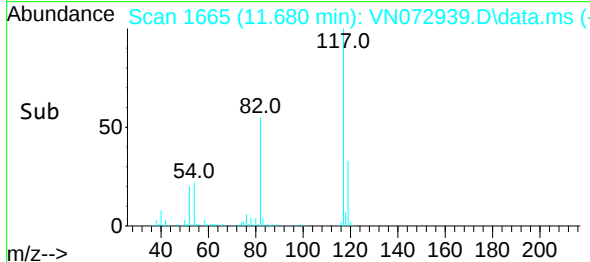
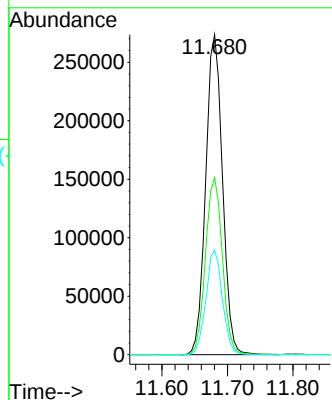
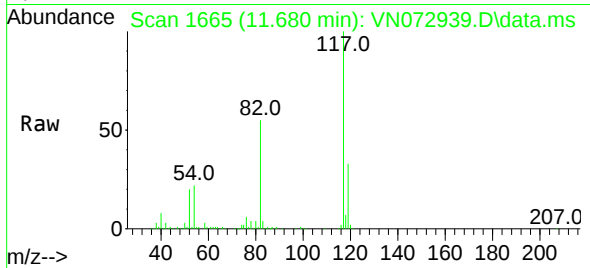




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN072939.D
Acq: 18 Jun 2022 14:56

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-10-G

Tgt Ion:117 Resp: 488662
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.7 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: VN072939.D
Acq: 18 Jun 2022 14:56

Tgt Ion:152 Resp: 242091
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 157.6 0.0 356.2

