

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072896.D
 Acq On : 16 Jun 2022 22:27
 Operator : JC\MD
 Sample : N3202-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22

Quant Time: Jun 17 06:07:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

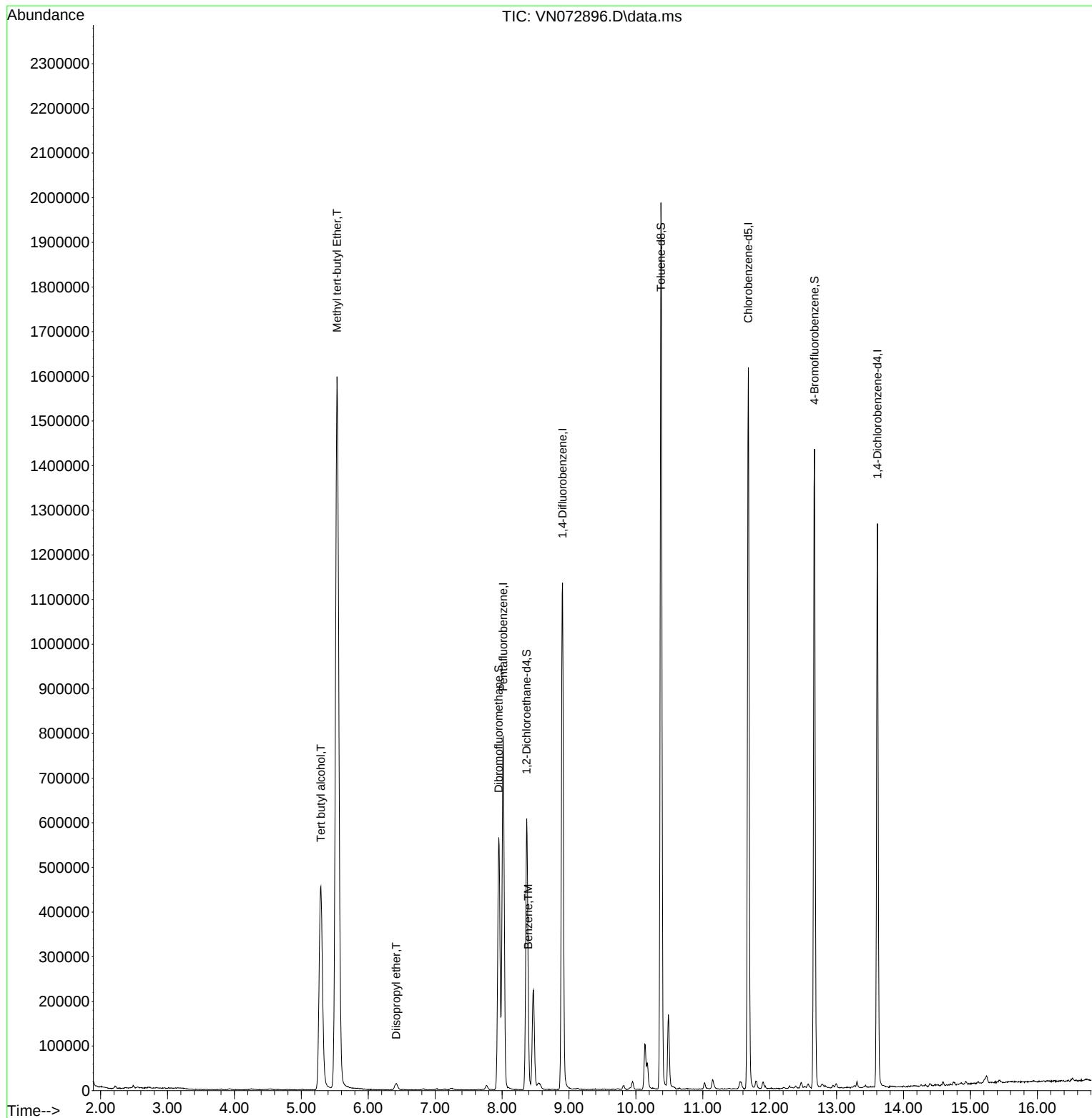
Internal Standards						
1) Pentafluorobenzene	8.016	168	629773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1042797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	912850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	354362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	496196	42.646	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.300%
35) Dibromofluoromethane	7.951	113	425533	44.924	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.840%
50) Toluene-d8	10.374	98	1379024	37.193	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	74.380%
62) 4-Bromofluorobenzene	12.668	95	514012	39.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.292	59	924723	305.243	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	2760310	85.906	ug/l	99
22) Diisopropyl ether	6.416	45	19346	0.588	ug/l	90
40) Benzene	8.392	78	20929	0.508	ug/l	99

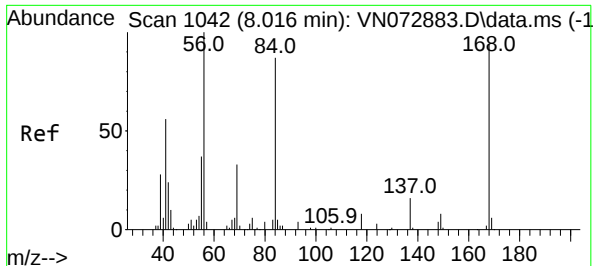
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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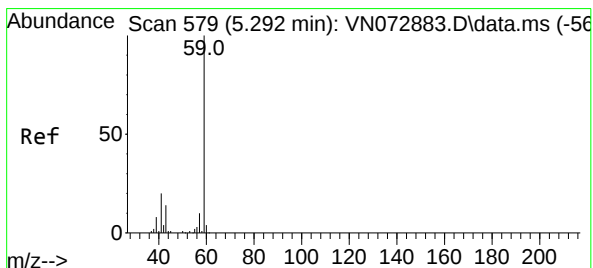
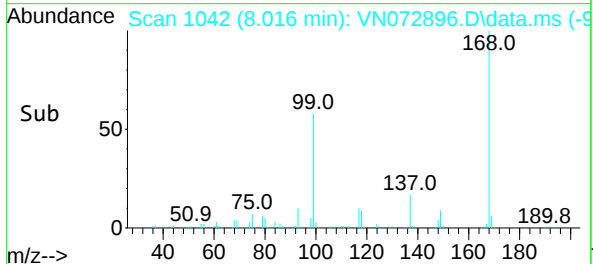
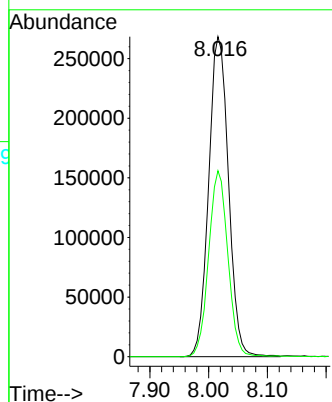
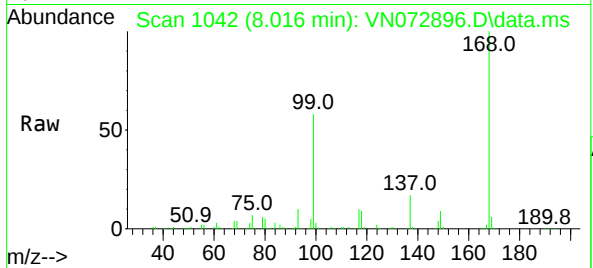




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

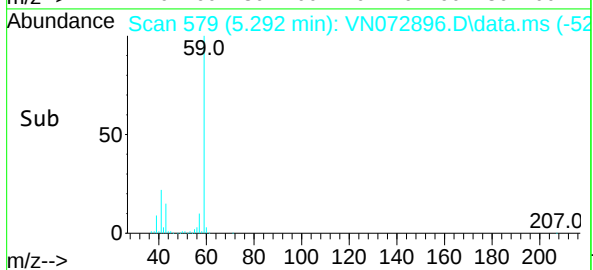
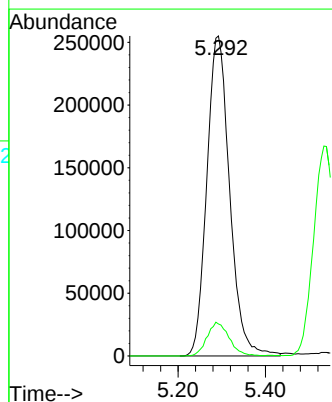
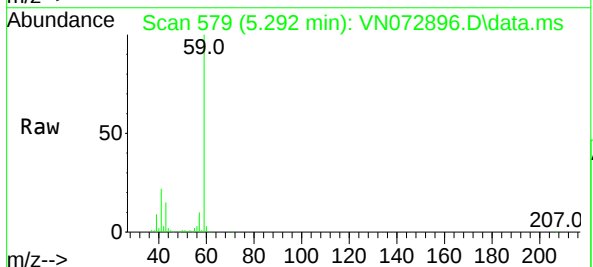
Instrument :
MSVOA_N
ClientSampleId :
MW-22

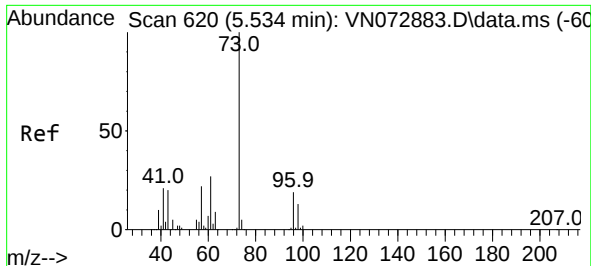
Tgt Ion:168 Resp: 629773
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5



#11
Tert butyl alcohol
Concen: 305.243 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

Tgt Ion: 59 Resp: 924723
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

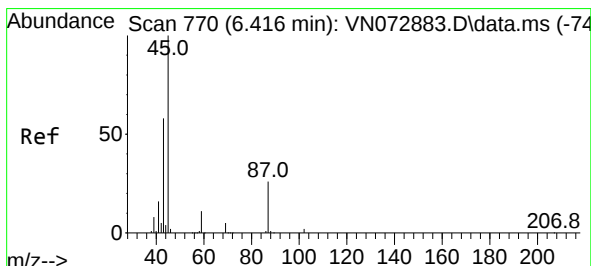
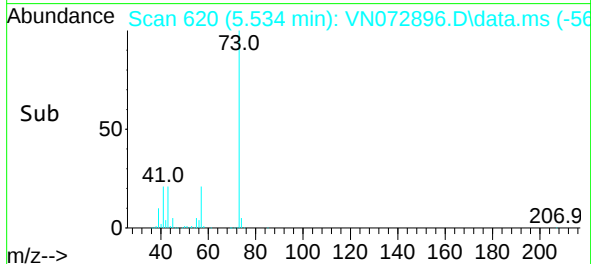
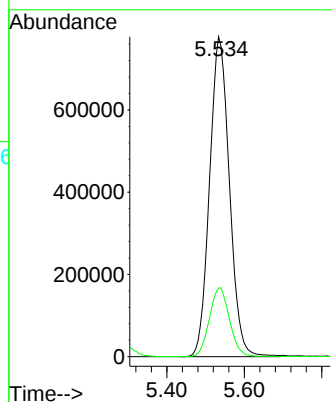
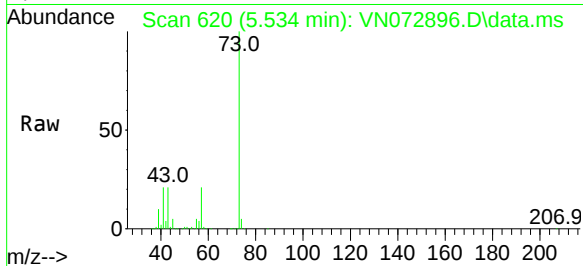




#19
Methyl tert-butyl Ether
Concen: 85.906 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

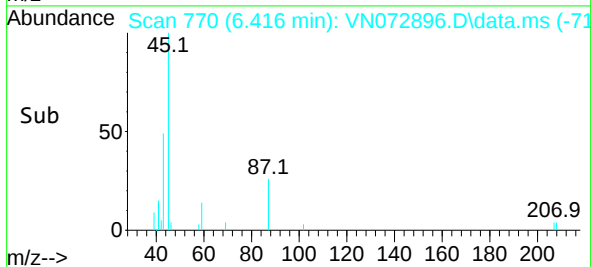
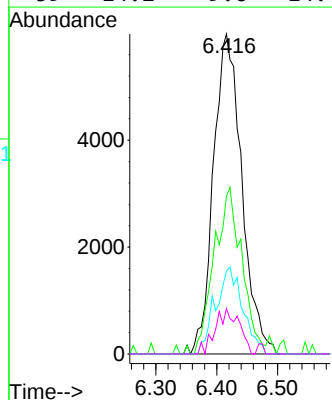
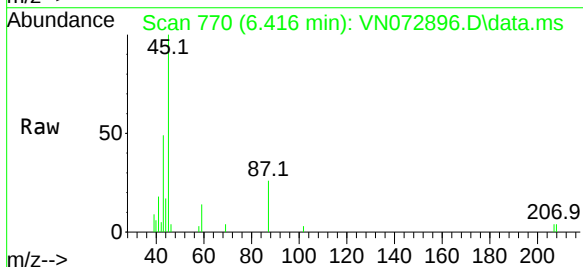
Instrument :
MSVOA_N
ClientSampleId :
MW-22

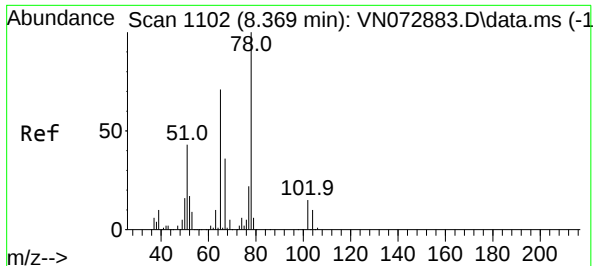
Tgt Ion: 73 Resp: 2760310
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#22
Diisopropyl ether
Concen: 0.588 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

Tgt Ion: 45 Resp: 19346
Ion Ratio Lower Upper
45 100
43 49.3 46.6 70.0
87 25.8 24.3 36.5
59 14.2 9.6 14.4

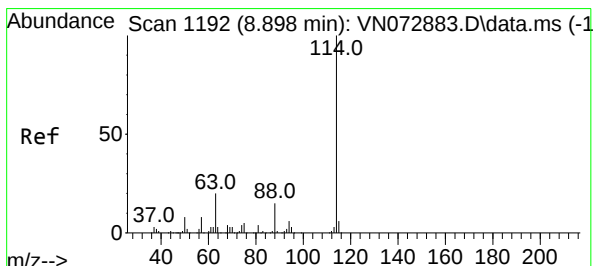
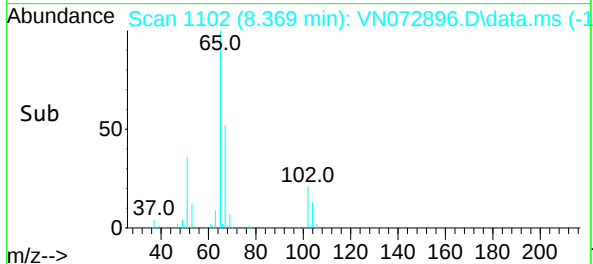
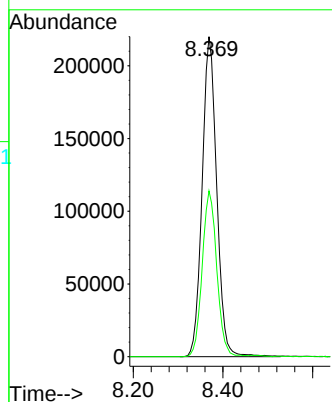
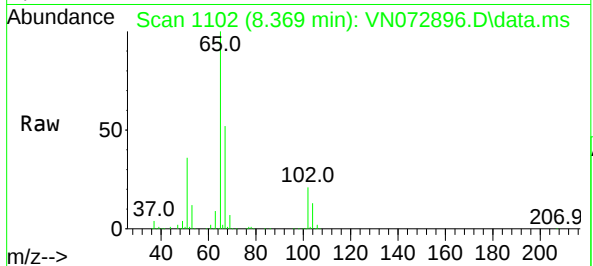




#33
1,2-Dichloroethane-d4
Concen: 42.646 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

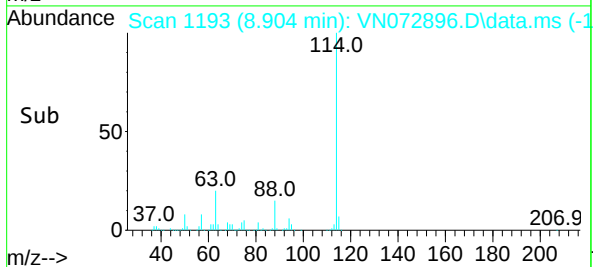
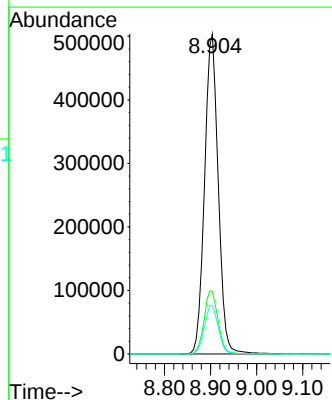
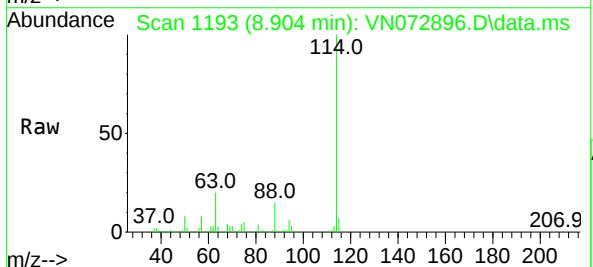
Instrument :
MSVOA_N
ClientSampleId :
MW-22

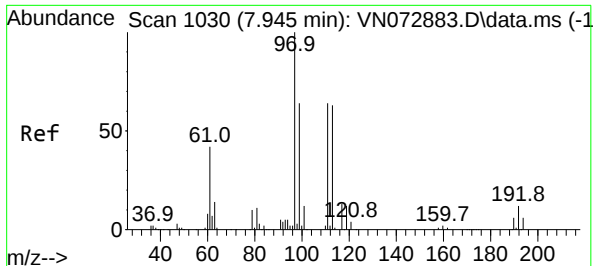
Tgt Ion: 65 Resp: 496196
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

Tgt Ion: 114 Resp: 1042797
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.0
88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.924 ug/l

RT: 7.951 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN072896.D

Acq: 16 Jun 2022 22:27

Instrument :

MSVOA_N

ClientSampleId :

MW-22

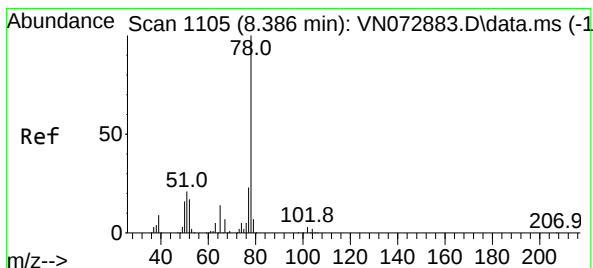
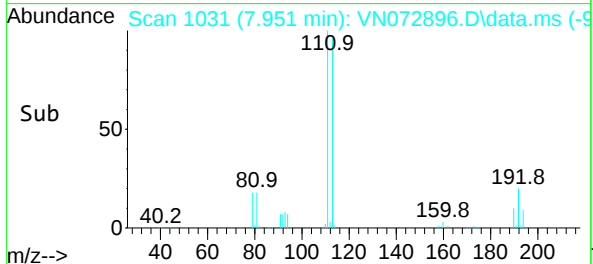
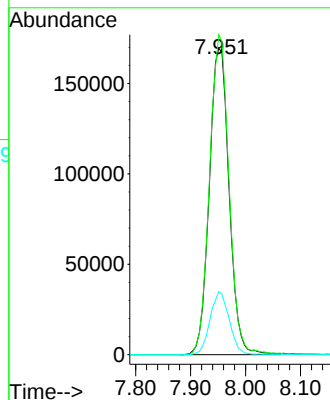
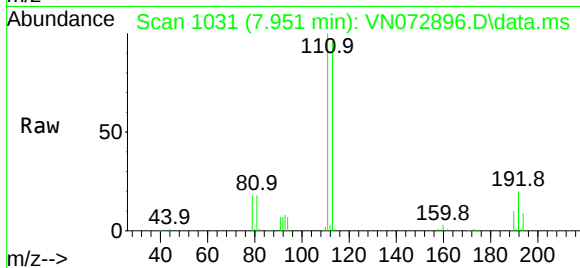
Tgt Ion:113 Resp: 425533

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.9 17.0 25.6



#40

Benzene

Concen: 0.508 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN072896.D

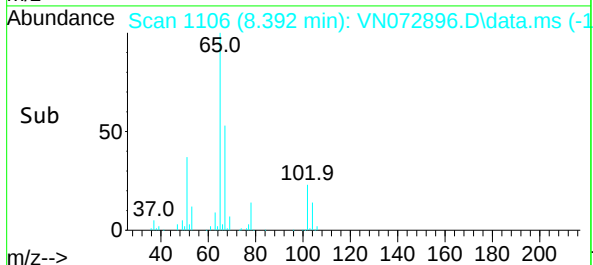
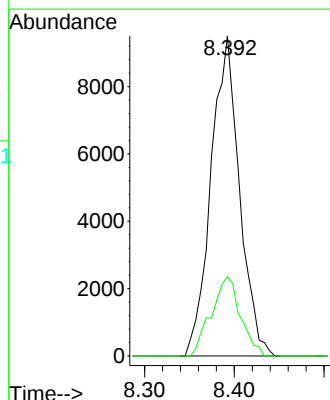
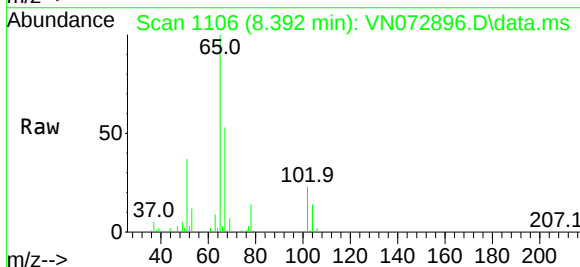
Acq: 16 Jun 2022 22:27

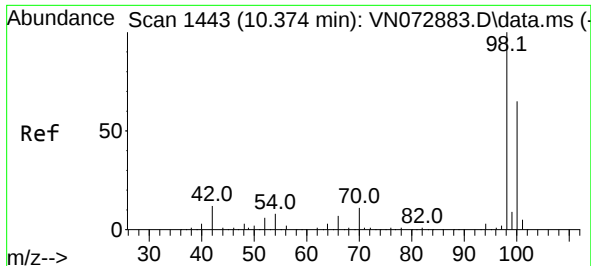
Tgt Ion: 78 Resp: 20929

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0

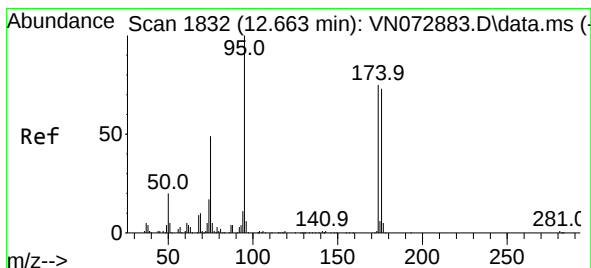
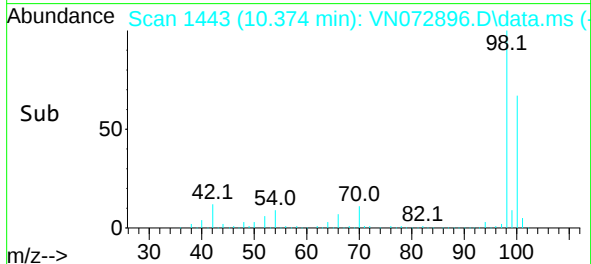
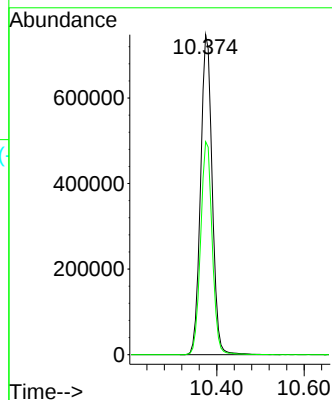
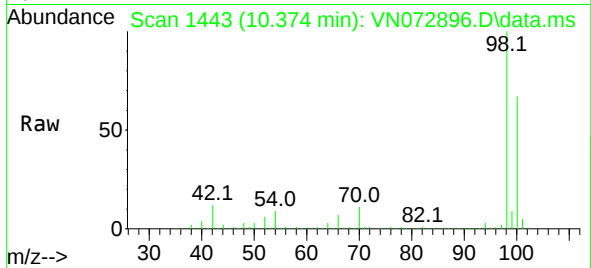




#50
Toluene-d8
Concen: 37.193 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

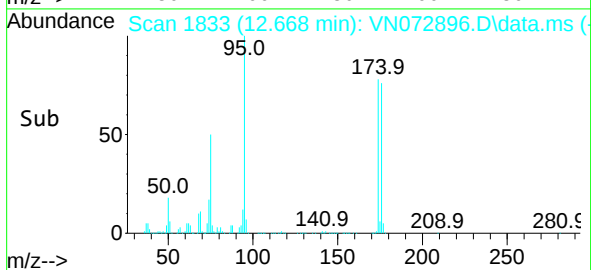
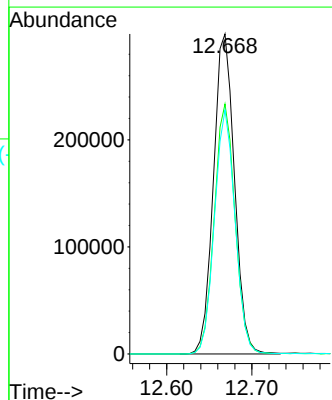
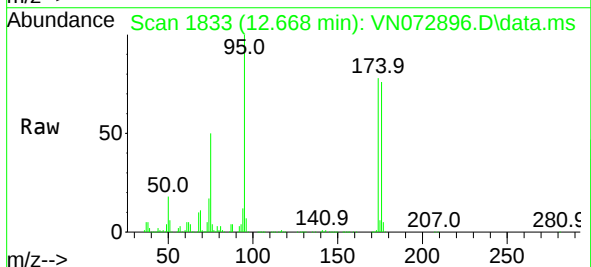
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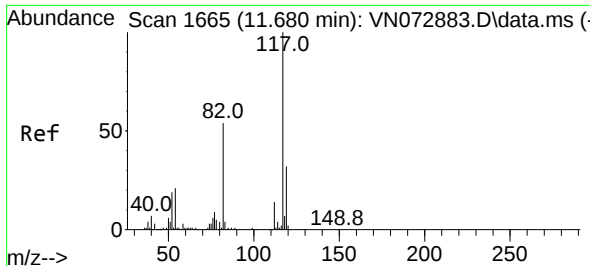
Tgt Ion: 98 Resp: 1379024
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 39.964 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

Tgt Ion: 95 Resp: 514012
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 74.5 0.0 163.4

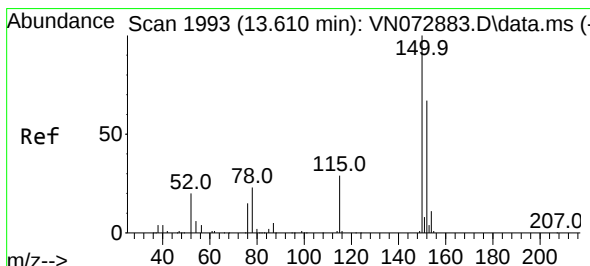
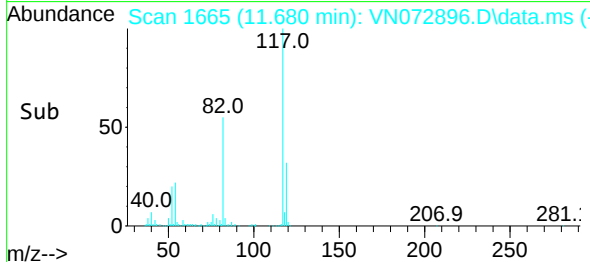
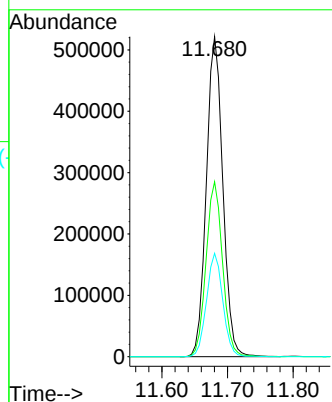
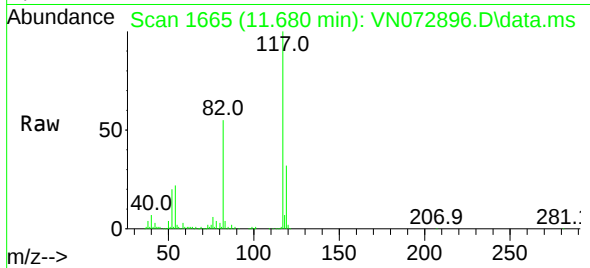




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072896.D
Acq: 16 Jun 2022 22:27

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 912850
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.3 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: VN072896.D
Acq: 16 Jun 2022 22:27

Tgt Ion:152 Resp: 354362
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.7
150 157.6 0.0 356.2

