

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073987.D
 Acq On : 17 Aug 2022 19:39
 Operator : JC\MD
 Sample : N4204-26 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Aug 18 00:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

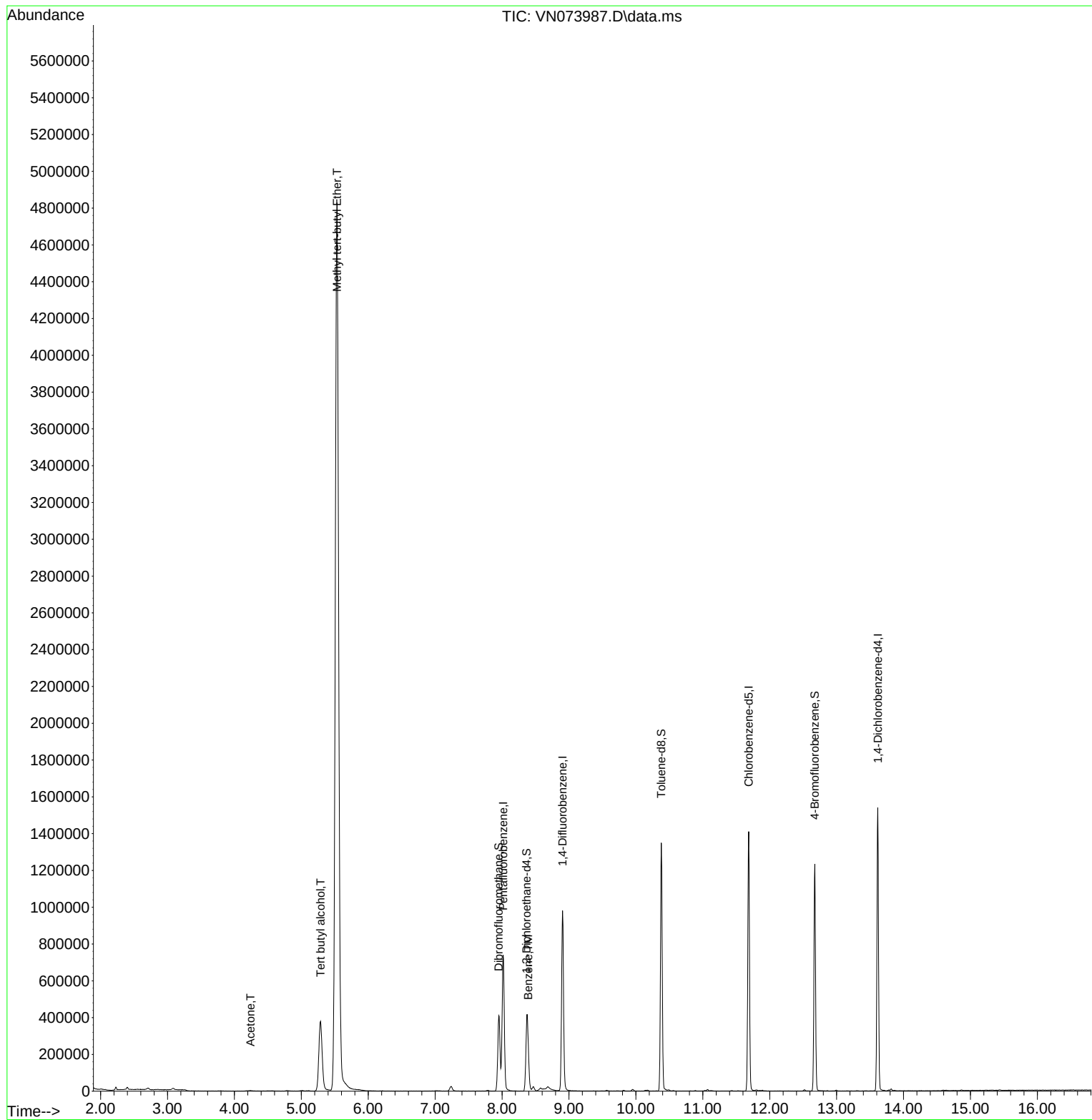
Internal Standards						
1) Pentafluorobenzene	8.016	168	637128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	932640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	876796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	462381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305671	49.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	7.951	113	300537	54.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.980%
50) Toluene-d8	10.380	98	972590	45.531	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.674	95	407437	57.471	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	740211	533.256	ug/l	100
16) Acetone	4.240	43	5888	2.011	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	8730996	482.104	ug/l	98
40) Benzene	8.392	78	127542	5.275	ug/l	96

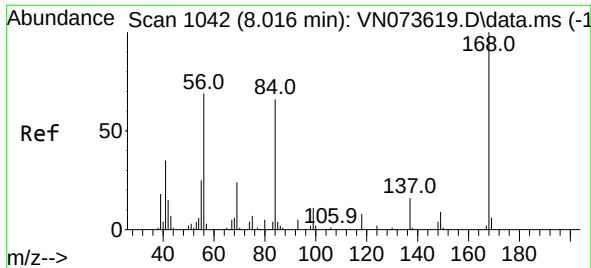
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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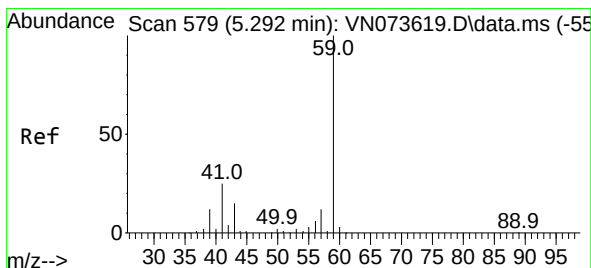
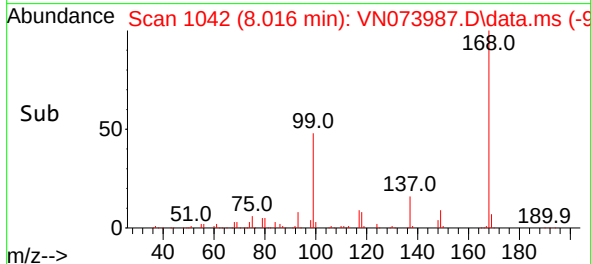
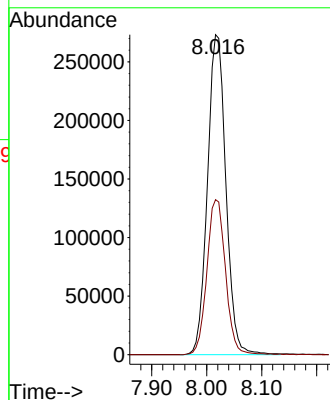
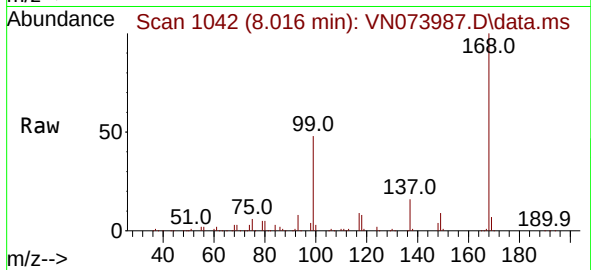




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073987.D
Acq: 17 Aug 2022 19:39

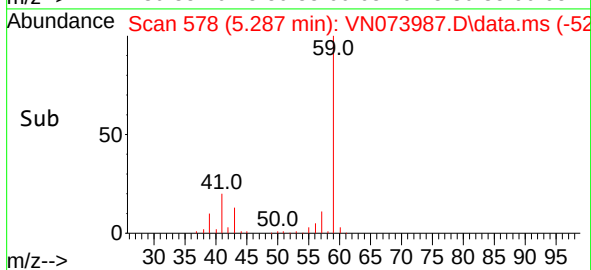
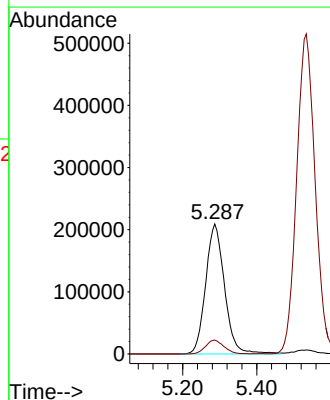
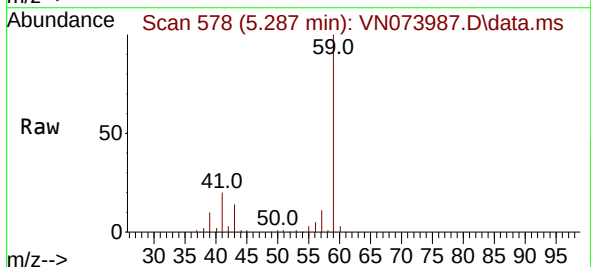
Instrument :
MSVOA_N
ClientSampleId :
MW-14

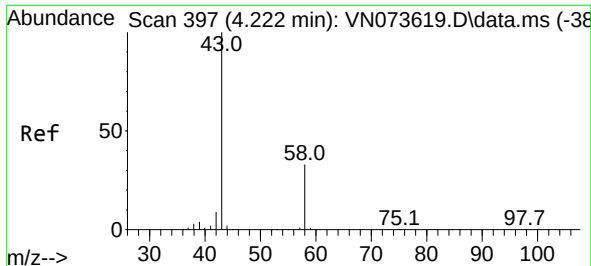
Tgt Ion:168 Resp: 637128
Ion Ratio Lower Upper
168 100
99 48.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 533.256 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.005 min
Lab File: VN073987.D
Acq: 17 Aug 2022 19:39

Tgt Ion: 59 Resp: 740211
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5





#16

Acetone

Concen: 2.011 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073987.D

Acq: 17 Aug 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

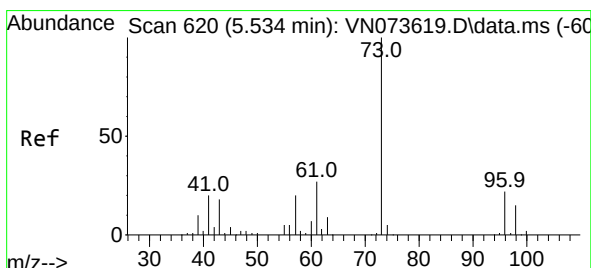
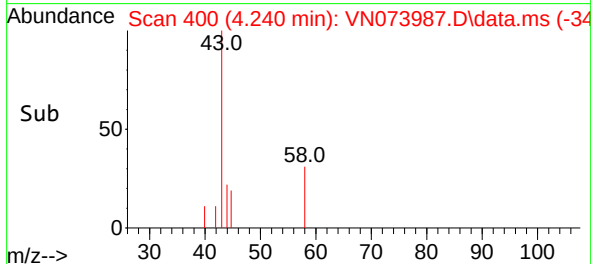
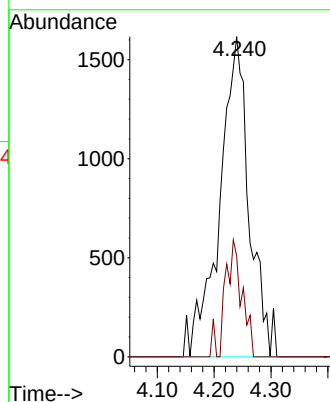
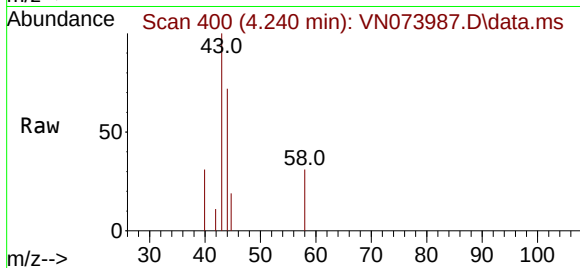
MW-14

Tgt Ion: 43 Resp: 5888

Ion Ratio Lower Upper

43 100

58 31.5 26.0 39.0



#19

Methyl tert-butyl Ether

Concen: 482.104 ug/l

RT: 5.534 min Scan# 620

Delta R.T. -0.000 min

Lab File: VN073987.D

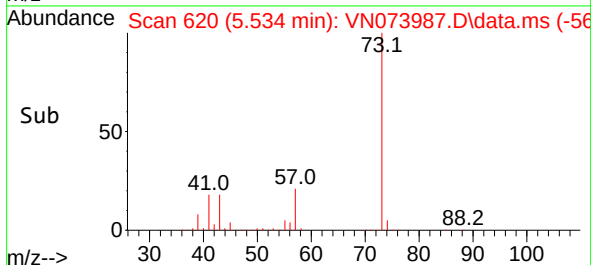
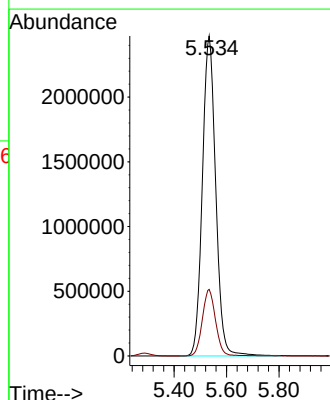
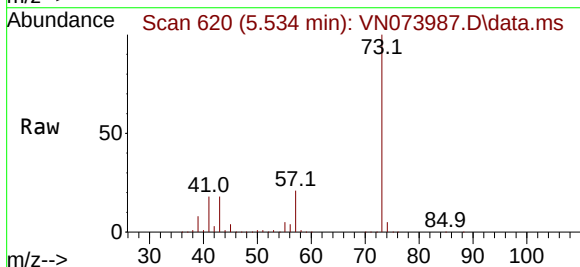
Acq: 17 Aug 2022 19:39

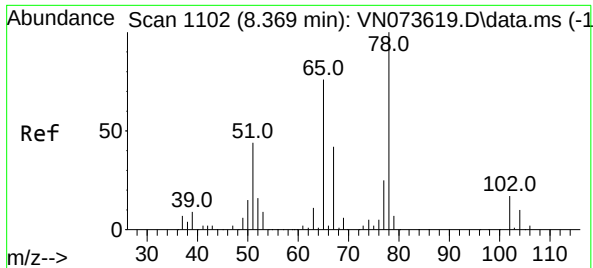
Tgt Ion: 73 Resp: 8730996

Ion Ratio Lower Upper

73 100

57 20.8 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 49.257 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073987.D

Acq: 17 Aug 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

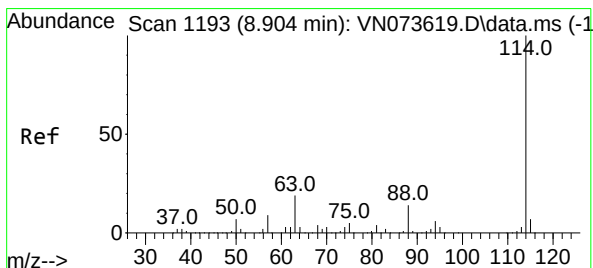
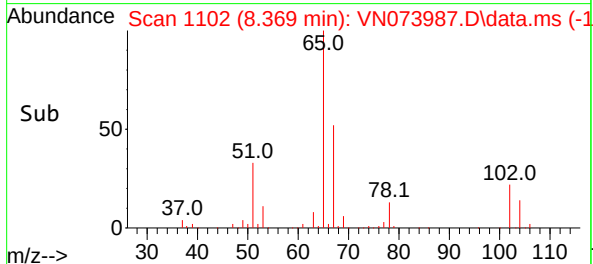
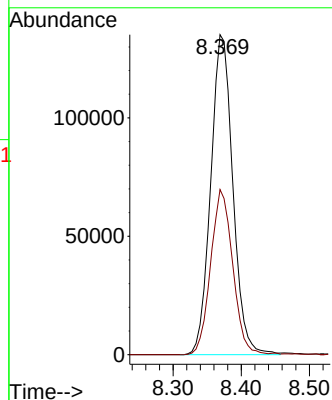
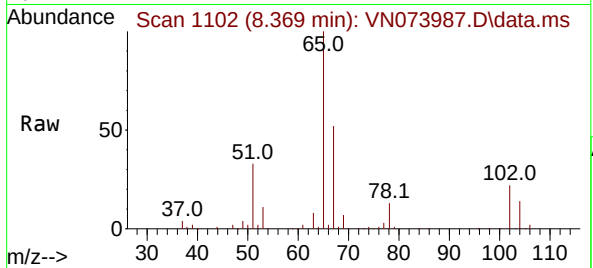
MW-14

Tgt Ion: 65 Resp: 305671

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073987.D

Acq: 17 Aug 2022 19:39

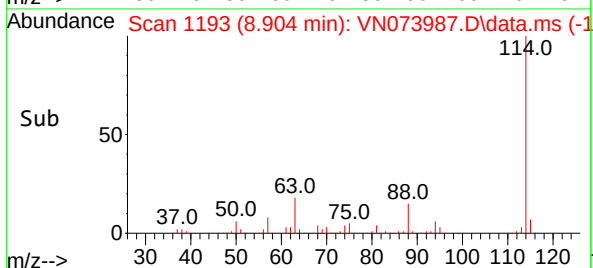
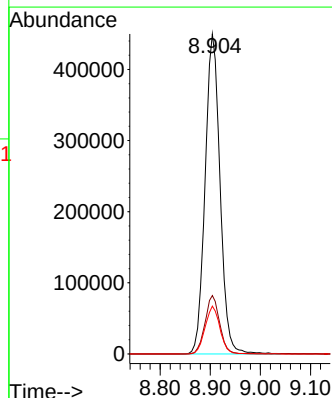
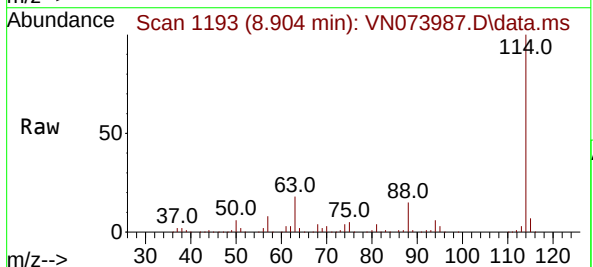
Tgt Ion: 114 Resp: 932640

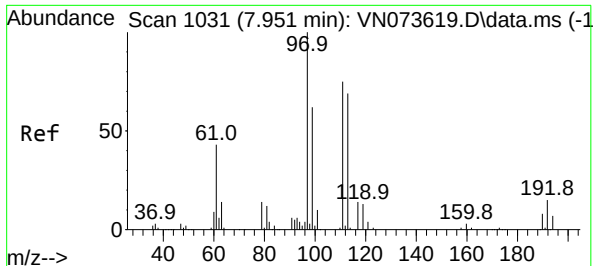
Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.489 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN073987.D

Acq: 17 Aug 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

MW-14

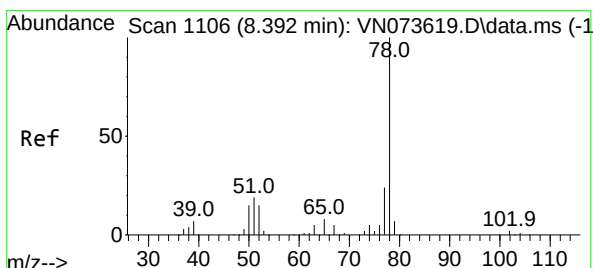
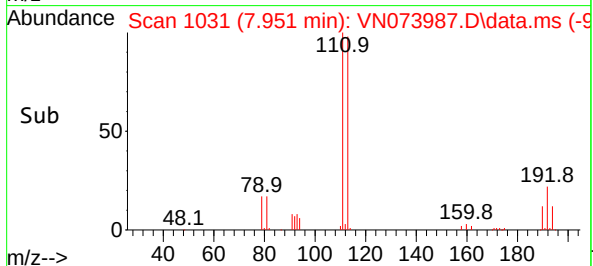
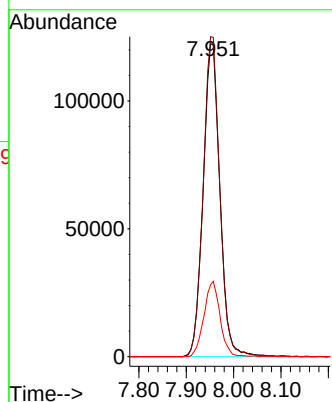
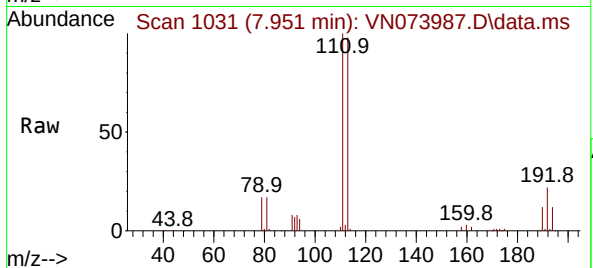
Tgt Ion:113 Resp: 300537

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 23.2 17.0 25.6



#40

Benzene

Concen: 5.275 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073987.D

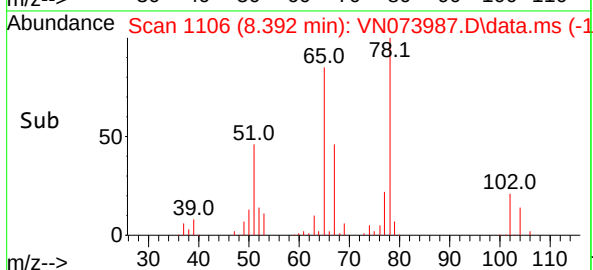
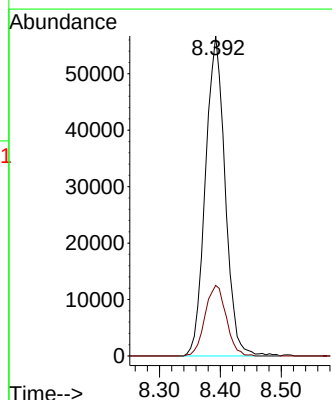
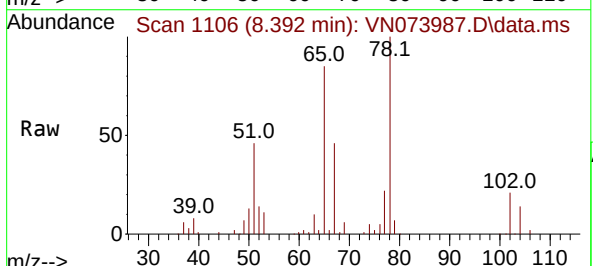
Acq: 17 Aug 2022 19:39

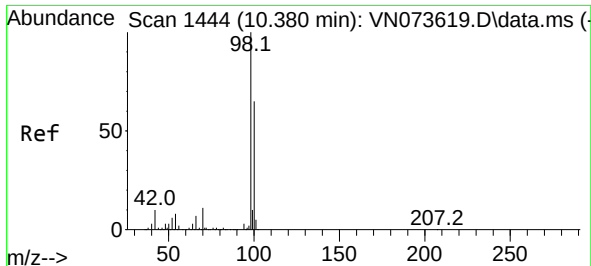
Tgt Ion: 78 Resp: 127542

Ion Ratio Lower Upper

78 100

77 22.1 19.4 29.0

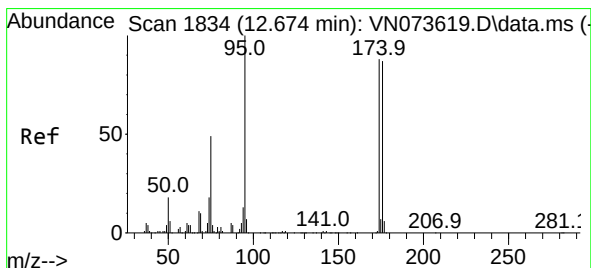
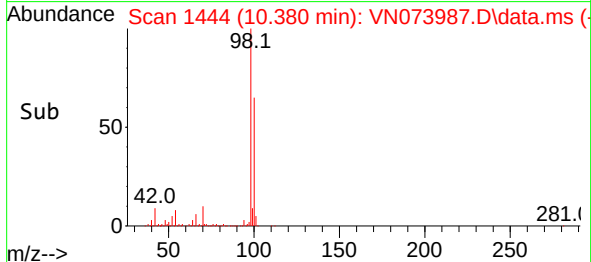
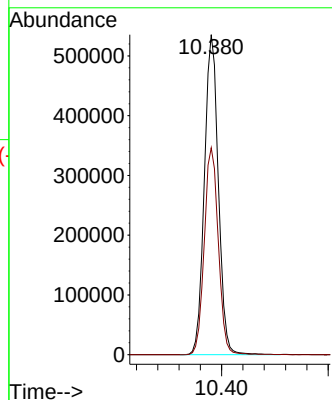
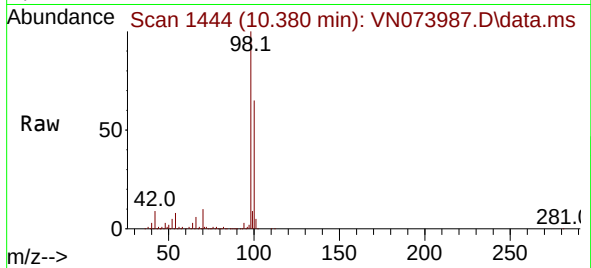




#50
Toluene-d8
Concen: 45.531 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073987.D
Acq: 17 Aug 2022 19:39

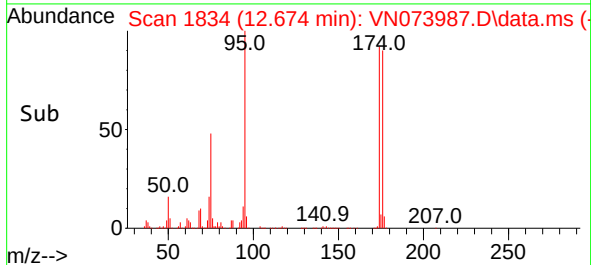
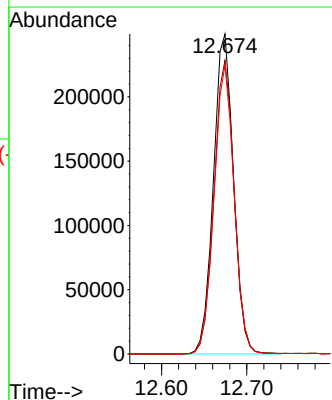
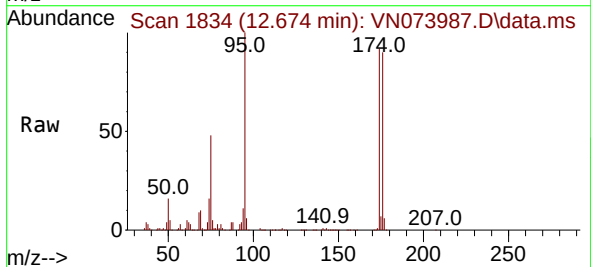
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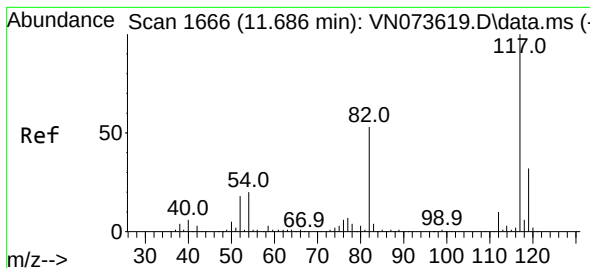
Tgt Ion: 98 Resp: 972590
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.471 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073987.D
Acq: 17 Aug 2022 19:39

Tgt Ion: 95 Resp: 407437
Ion Ratio Lower Upper
95 100
174 93.0 0.0 167.6
176 90.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073987.D

Acq: 17 Aug 2022 19:39

Instrument :

MSVOA_N

ClientSampleId :

MW-14

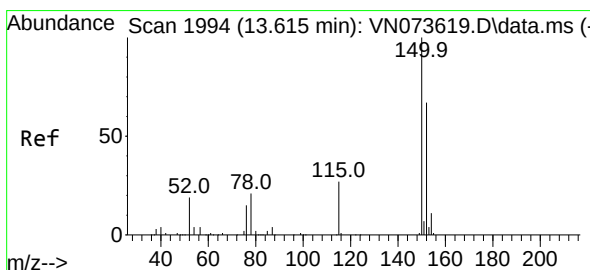
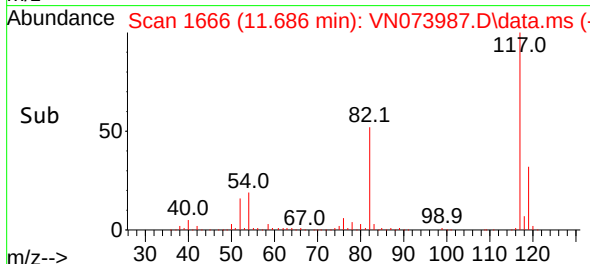
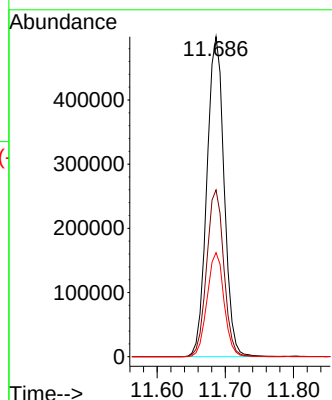
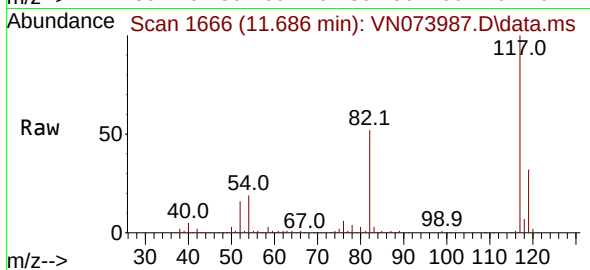
Tgt Ion:117 Resp: 876796

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.2

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN073987.D

Acq: 17 Aug 2022 19:39

Tgt Ion:152 Resp: 462381

Ion Ratio Lower Upper

152 100

115 54.2 28.9 86.7

150 154.8 0.0 356.2

