

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073738.D
 Acq On : 04 Aug 2022 15:55
 Operator : JC\MD
 Sample : N3887-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10

Quant Time: Aug 05 00:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

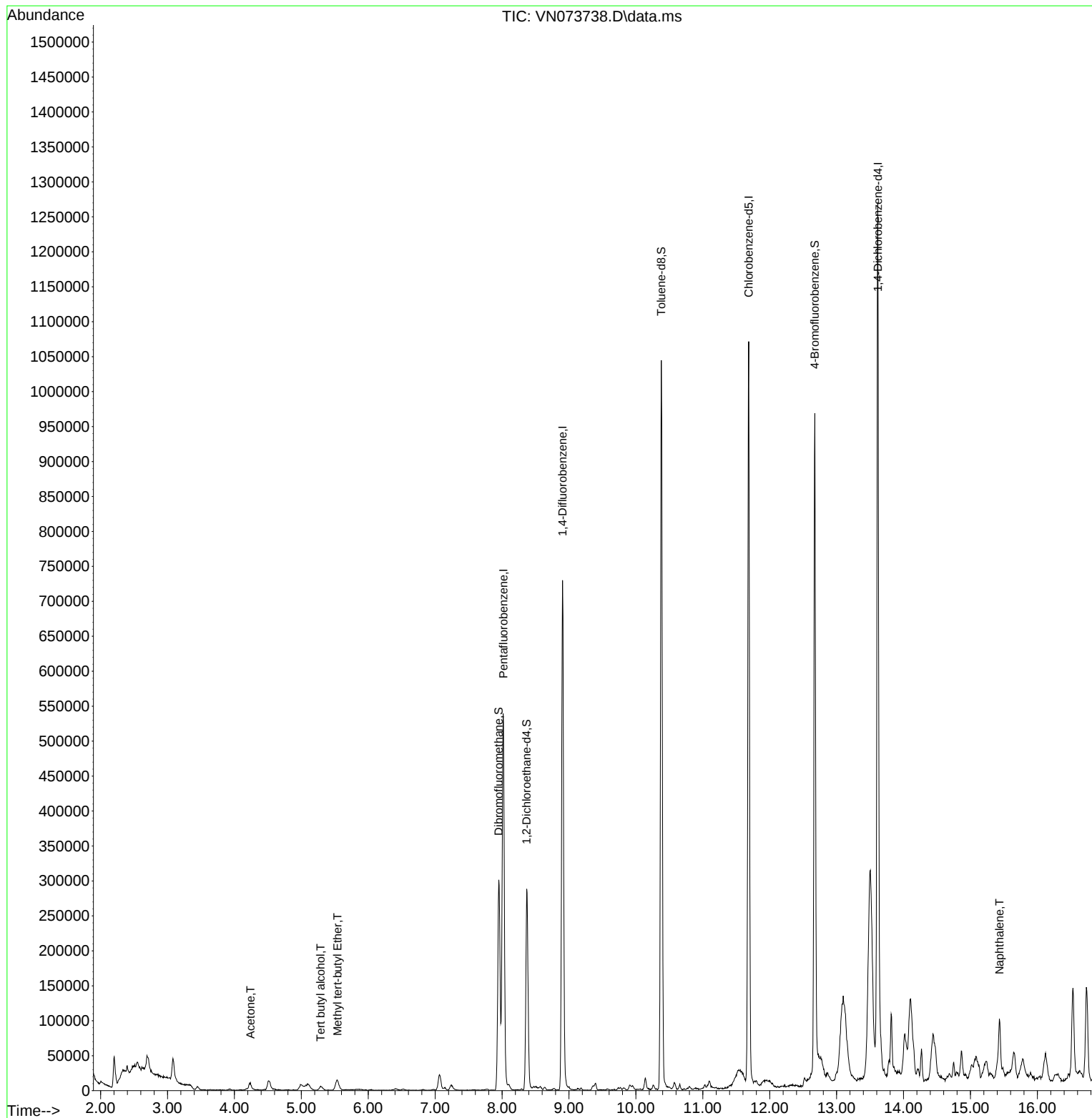
Internal Standards						
1) Pentafluorobenzene	8.022	168	427994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	675972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	642212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	347321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	238770	45.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.560%
35) Dibromofluoromethane	7.951	113	225608	53.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.300%
50) Toluene-d8	10.380	98	754463	45.168	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.340%
62) 4-Bromofluorobenzene	12.674	95	301529	53.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.287	59	10175	9.046	ug/l #	86
16) Acetone	4.240	43	19787	7.063	ug/l	99
19) Methyl tert-butyl Ether	5.540	73	13460	0.970	ug/l #	10
95) Naphthalene	15.433	128	85649	4.340	ug/l #	90

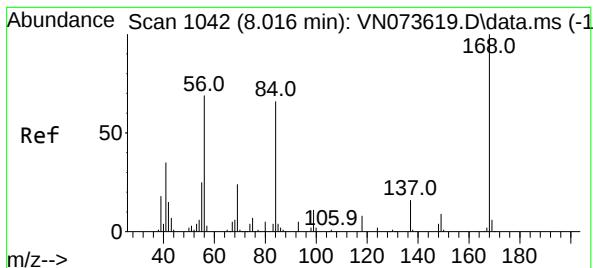
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
Data File : VN073738.D
Acq On : 04 Aug 2022 15:55
Operator : JC\MD
Sample : N3887-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Quant Time: Aug 05 00:29:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073738.D

Acq: 04 Aug 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

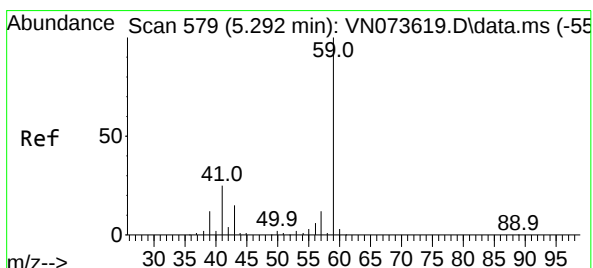
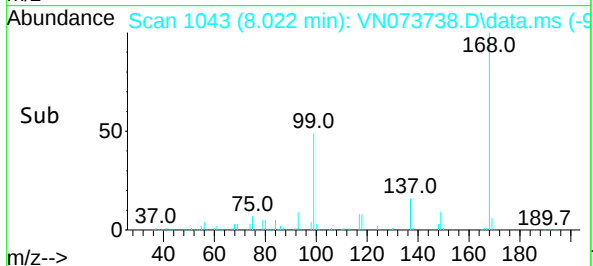
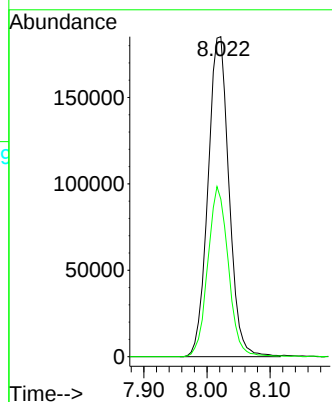
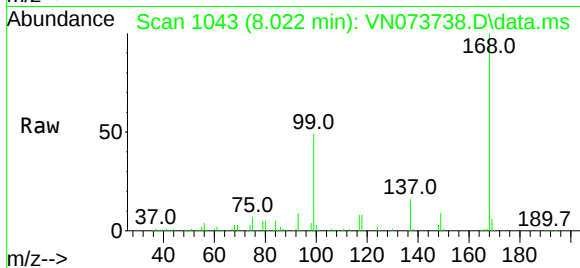
MW-10

Tgt Ion:168 Resp: 427994

Ion Ratio Lower Upper

168 100

99 49.2 42.3 63.5



#11

Tert butyl alcohol

Concen: 9.046 ug/l

RT: 5.287 min Scan# 578

Delta R.T. -0.005 min

Lab File: VN073738.D

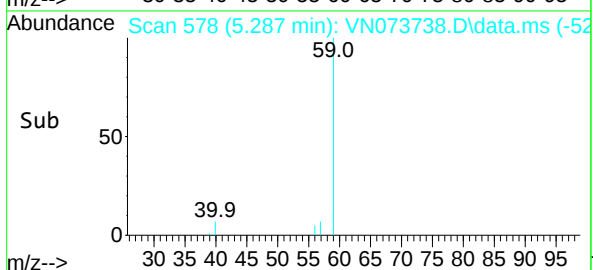
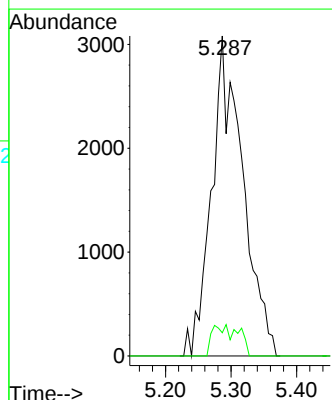
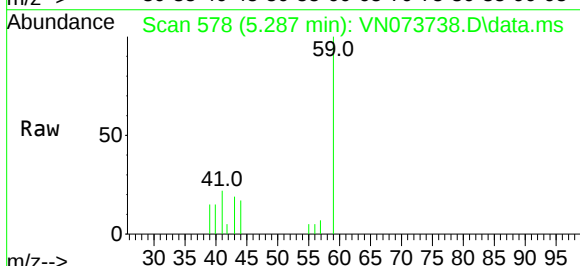
Acq: 04 Aug 2022 15:55

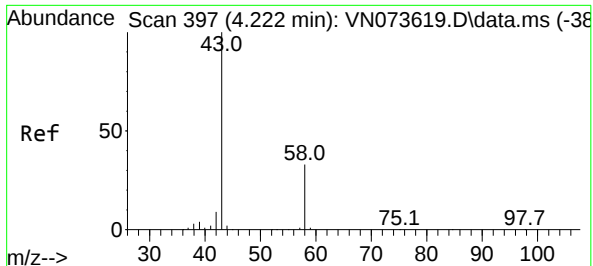
Tgt Ion: 59 Resp: 10175

Ion Ratio Lower Upper

59 100

57 5.1 8.3 12.5#





#16

Acetone

Concen: 7.063 ug/l

RT: 4.240 min Scan# 40

Delta R.T. 0.018 min

Lab File: VN073738.D

Acq: 04 Aug 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

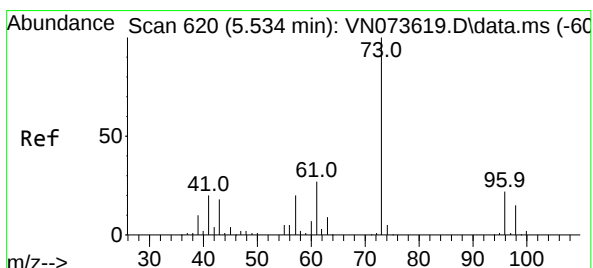
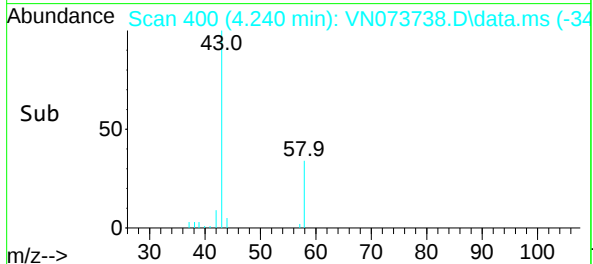
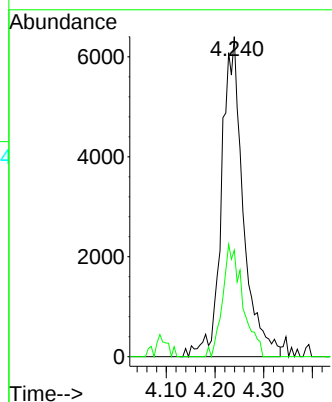
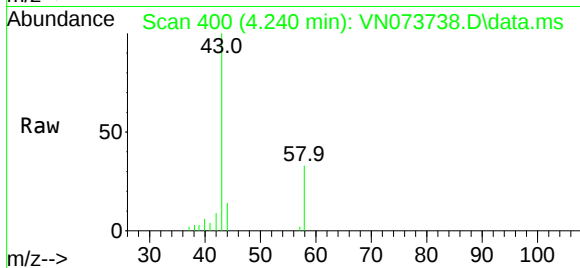
MW-10

Tgt Ion: 43 Resp: 19787

Ion Ratio Lower Upper

43 100

58 33.3 26.0 39.0



#19

Methyl tert-butyl Ether

Concen: 0.970 ug/l

RT: 5.540 min Scan# 621

Delta R.T. 0.006 min

Lab File: VN073738.D

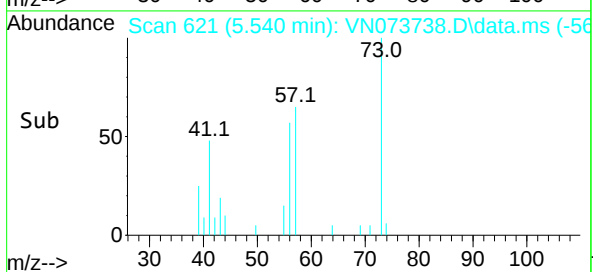
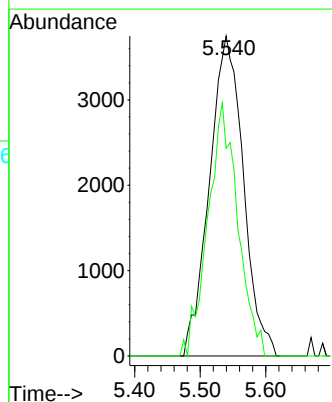
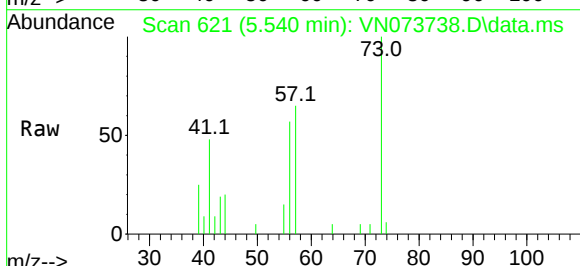
Acq: 04 Aug 2022 15:55

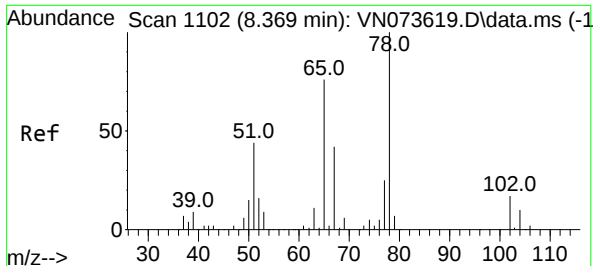
Tgt Ion: 73 Resp: 13460

Ion Ratio Lower Upper

73 100

57 64.9 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 45.778 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073738.D

Acq: 04 Aug 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

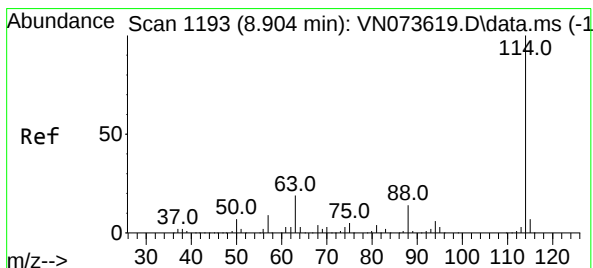
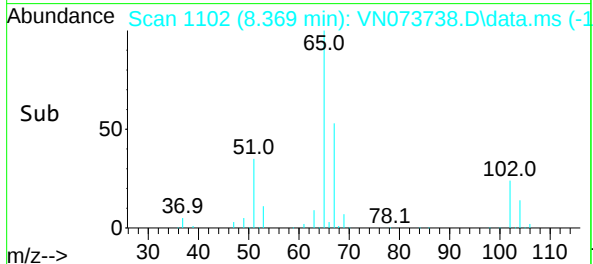
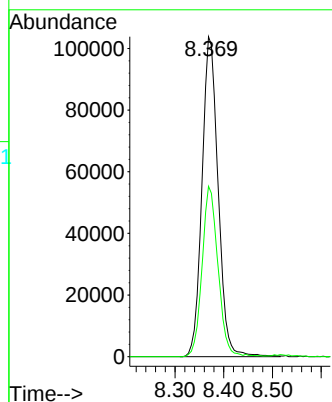
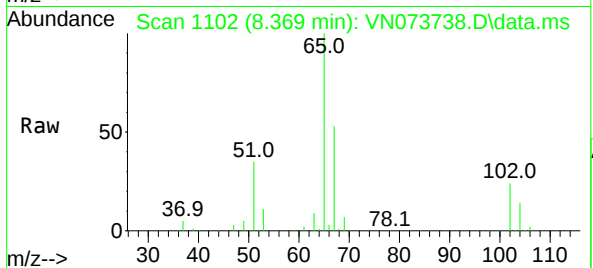
MW-10

Tgt Ion: 65 Resp: 238770

Ion Ratio Lower Upper

65 100

67 52.5 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: VN073738.D

Acq: 04 Aug 2022 15:55

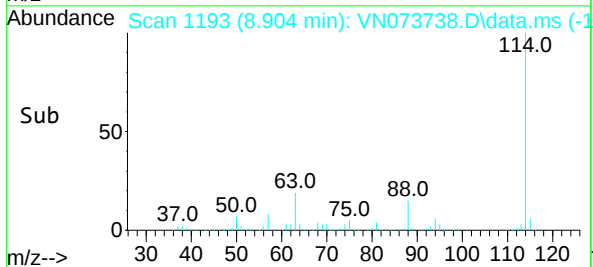
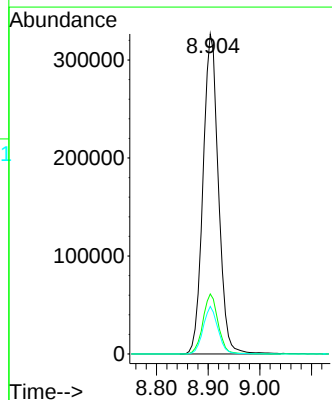
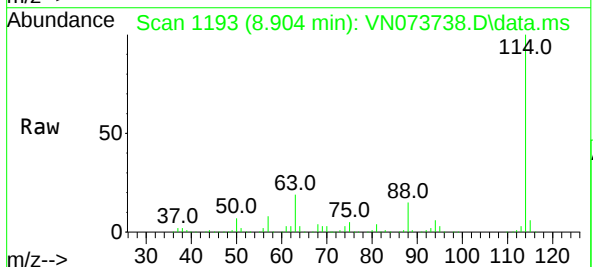
Tgt Ion:114 Resp: 675972

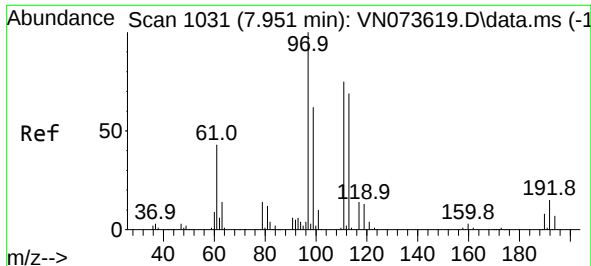
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.151 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073738.D

Acq: 04 Aug 2022 15:55

Instrument :

MSVOA_N

ClientSampleId :

MW-10

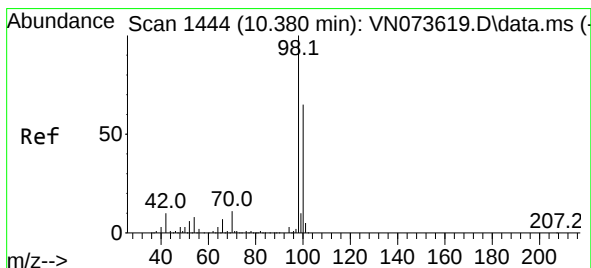
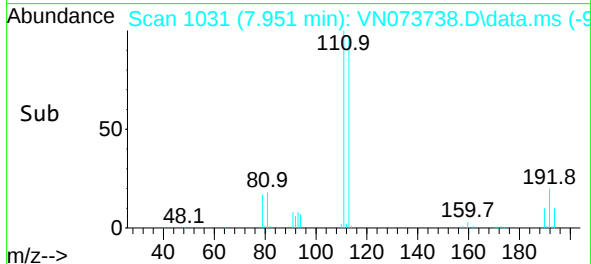
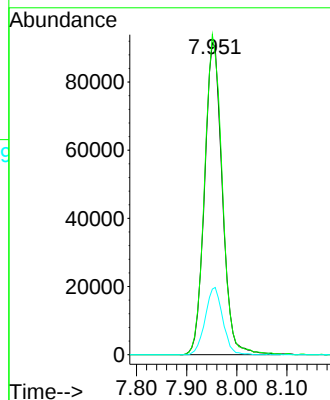
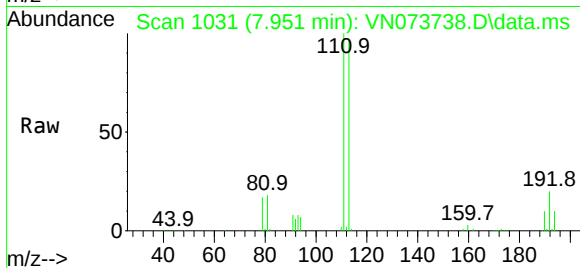
Tgt Ion:113 Resp: 225608

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 21.2 17.0 25.6



#50

Toluene-d8

Concen: 45.168 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073738.D

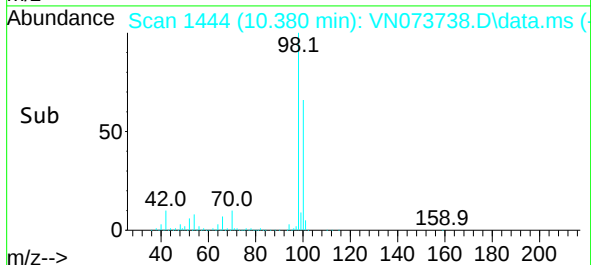
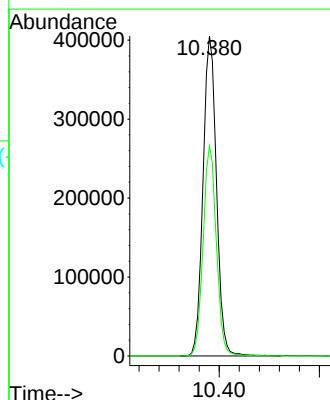
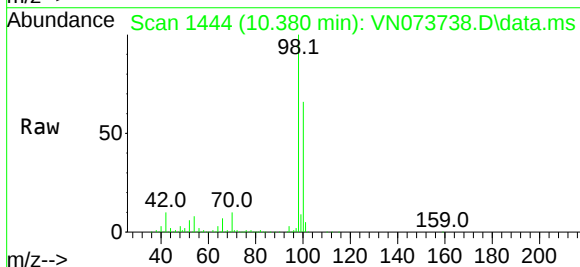
Acq: 04 Aug 2022 15:55

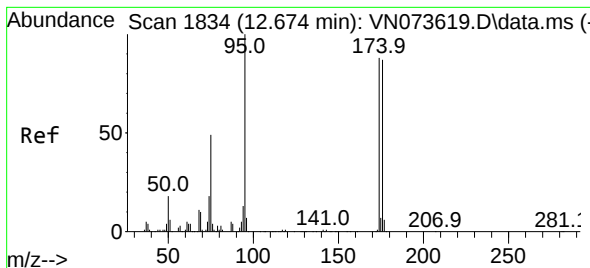
Tgt Ion: 98 Resp: 754463

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

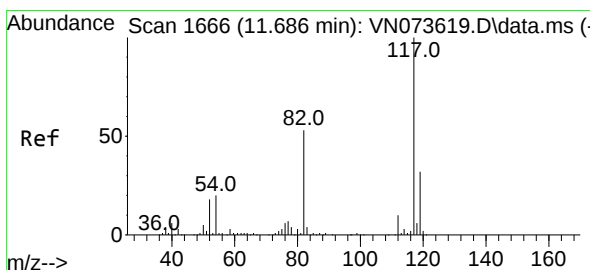
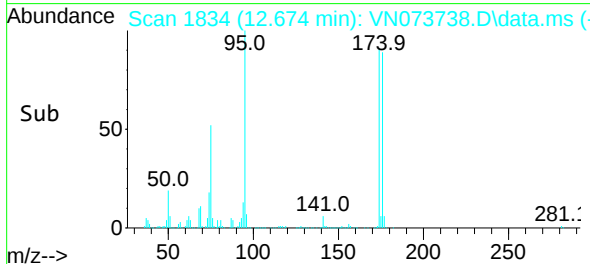
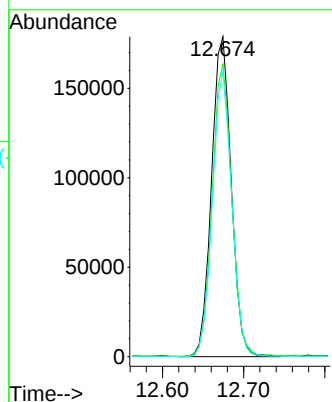
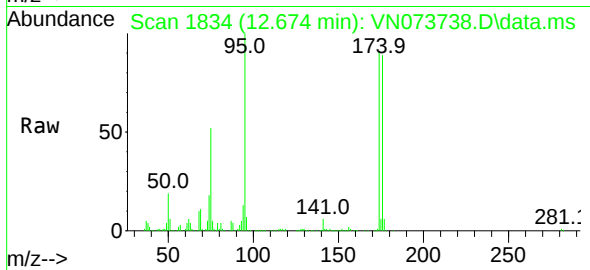




#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073738.D
Acq: 04 Aug 2022 15:55

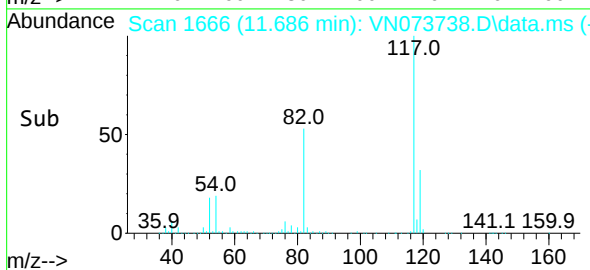
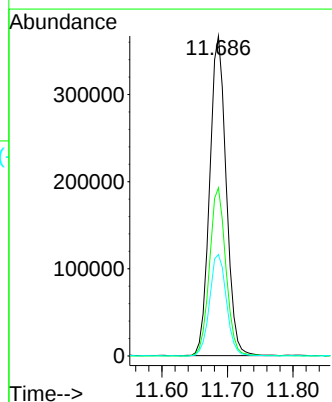
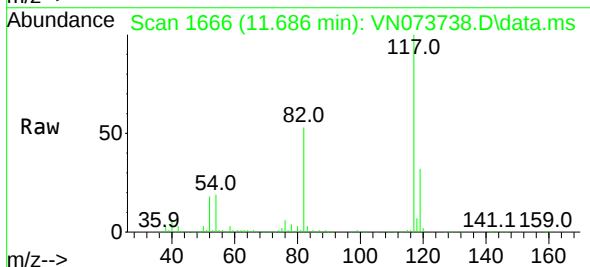
Instrument :
MSVOA_N
ClientSampleId :
MW-10

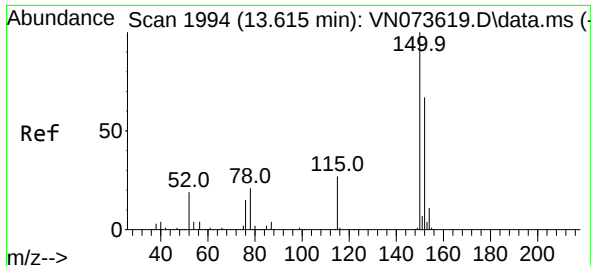
Tgt Ion: 95 Resp: 301529
Ion Ratio Lower Upper
95 100
174 91.6 0.0 167.6
176 87.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073738.D
Acq: 04 Aug 2022 15:55

Tgt Ion: 117 Resp: 642212
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.7 25.4 38.0

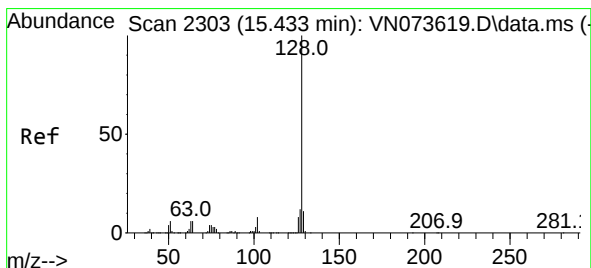
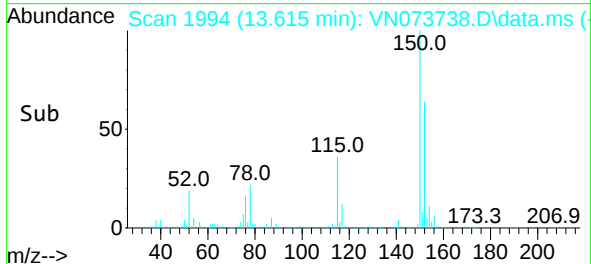
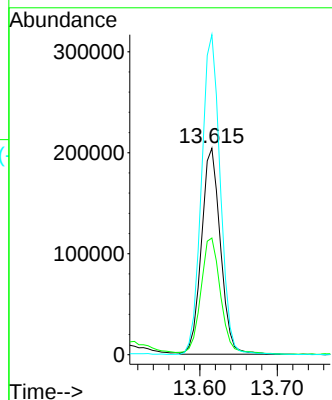
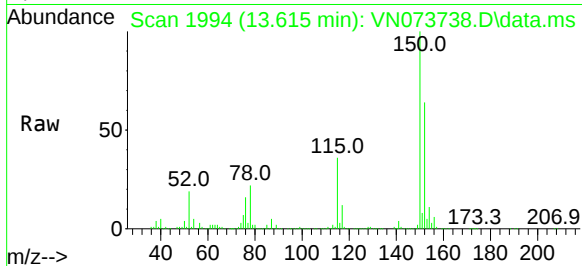




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073738.D
Acq: 04 Aug 2022 15:55

Instrument :
MSVOA_N
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 347321
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 153.1 0.0 356.2



#95
Naphthalene
Concen: 4.340 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073738.D
Acq: 04 Aug 2022 15:55

Tgt Ion:128 Resp: 85649
Ion Ratio Lower Upper
128 100
127 16.7 10.3 15.5#
129 14.7 8.6 13.0#

