

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074335.D
 Acq On : 03 Sep 2022 22:37
 Operator : JC\MD
 Sample : N4381-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Quant Time: Sep 05 05:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

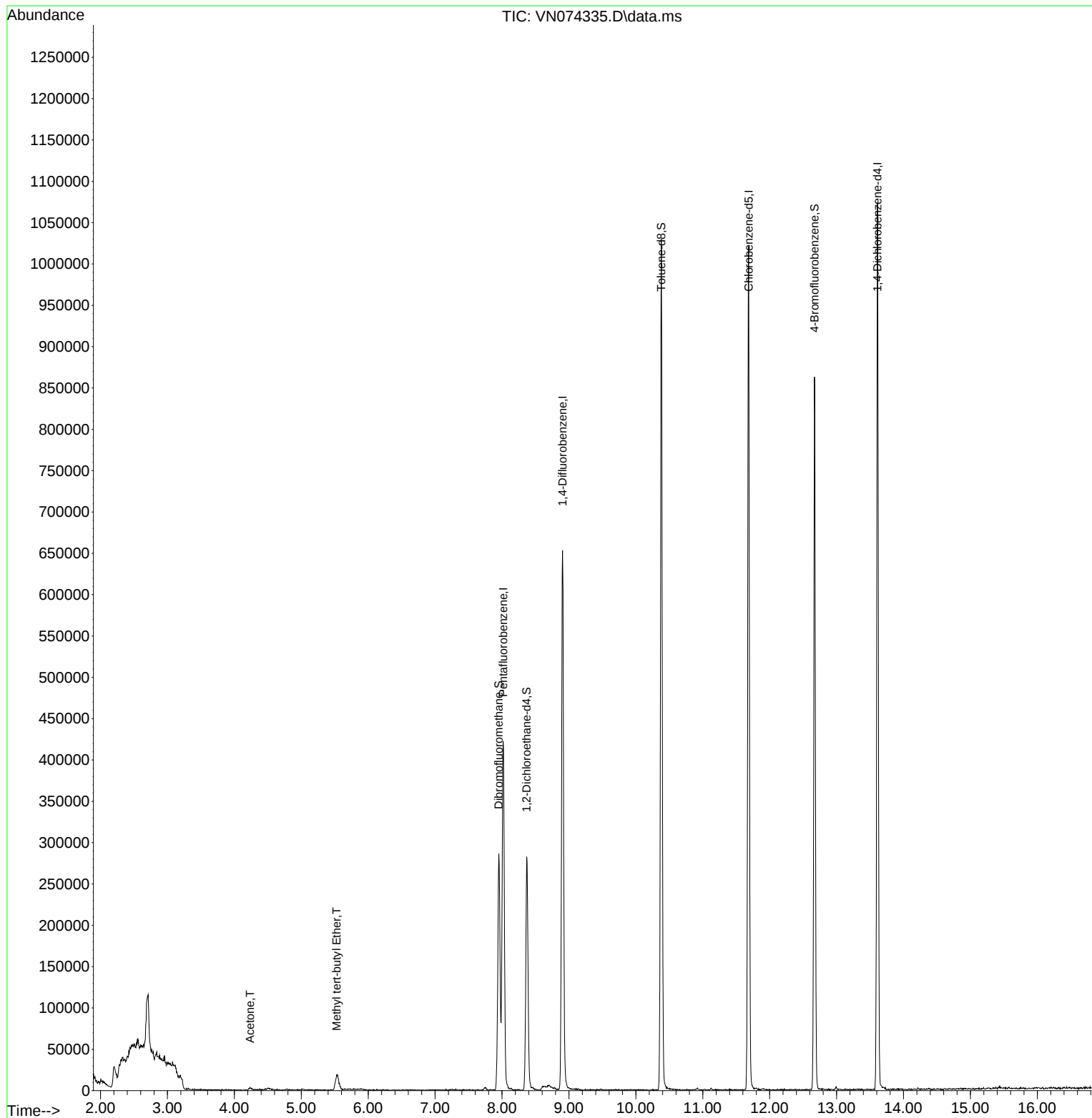
Internal Standards						
1) Pentafluorobenzene	8.016	168	312917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	582035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	564509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	271168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225647	46.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.520%
35) Dibromofluoromethane	7.951	113	200767	52.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.100%
50) Toluene-d8	10.381	98	682021	44.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.700%
62) 4-Bromofluorobenzene	12.669	95	251300	45.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.860%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	4784	2.347	ug/l #	84
19) Methyl tert-butyl Ether	5.528	73	28885	2.366	ug/l #	86

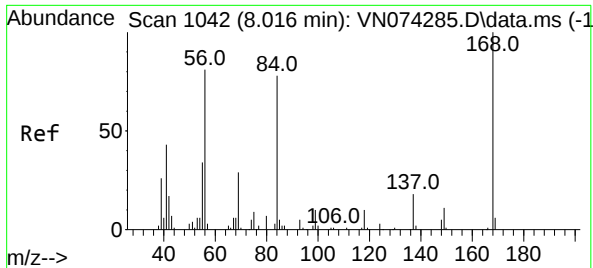
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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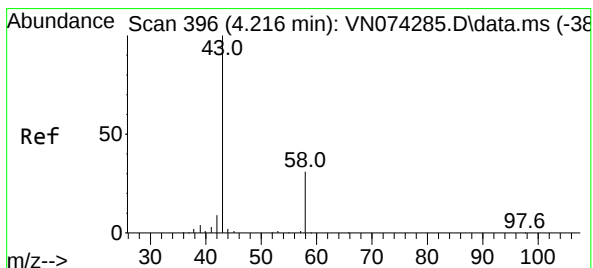
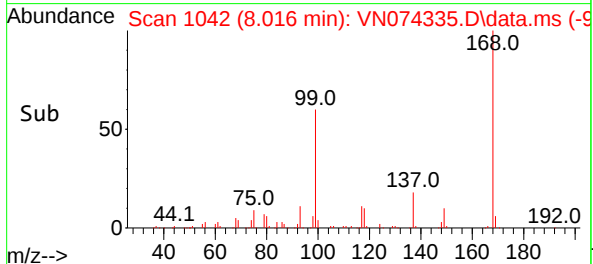
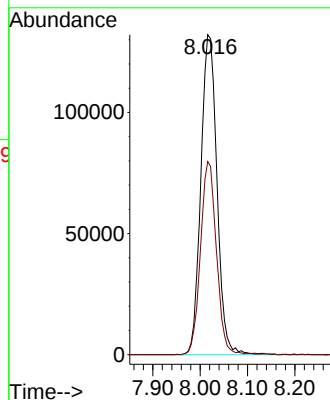
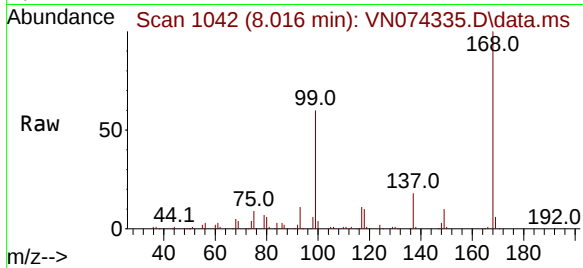




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074335.D
Acq: 03 Sep 2022 22:37

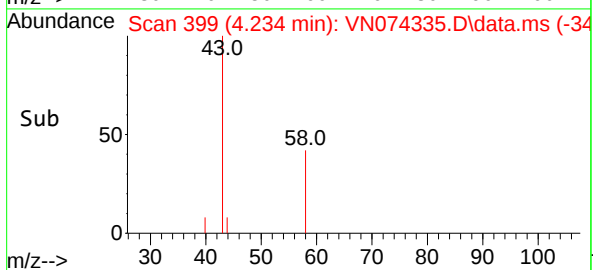
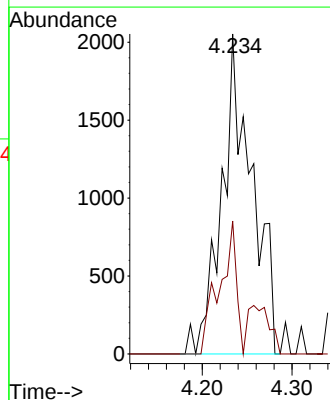
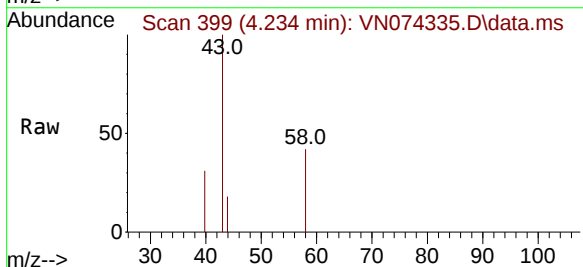
Instrument :
MSVOA_N
ClientSampleId :
MW-9

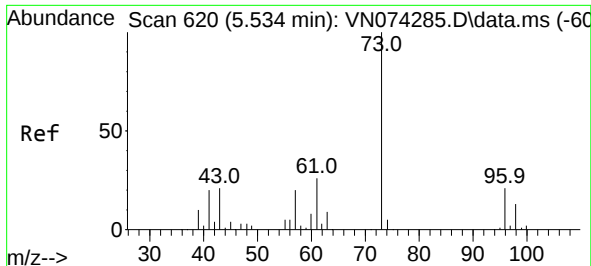
Tgt Ion:168 Resp: 312917
Ion Ratio Lower Upper
168 100
99 60.3 42.3 63.5



#16
Acetone
Concen: 2.347 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074335.D
Acq: 03 Sep 2022 22:37

Tgt Ion: 43 Resp: 4784
Ion Ratio Lower Upper
43 100
58 41.5 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 2.366 ug/l

RT: 5.528 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN074335.D

Acq: 03 Sep 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

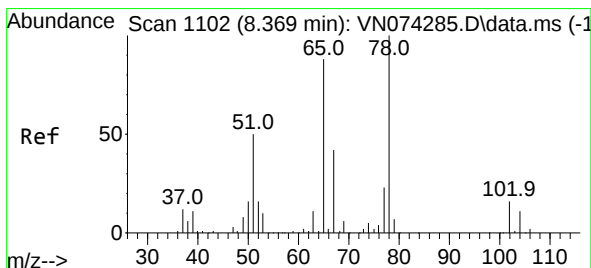
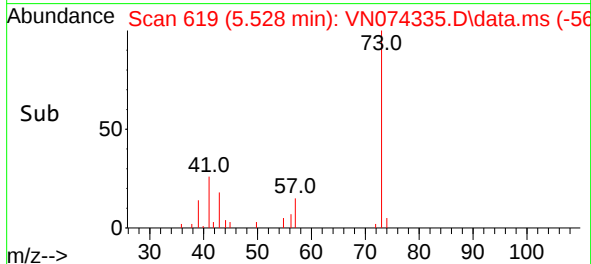
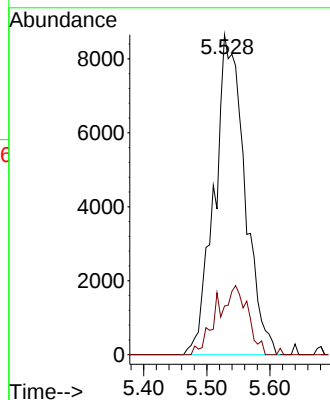
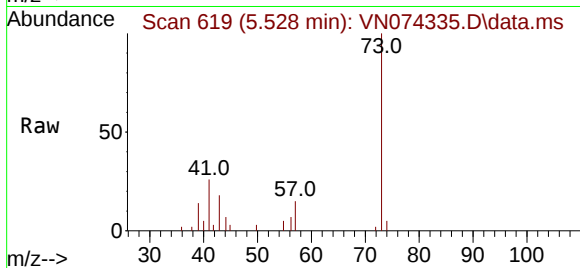
MW-9

Tgt Ion: 73 Resp: 28885

Ion Ratio Lower Upper

73 100

57 15.2 17.6 26.4#



#33

1,2-Dichloroethane-d4

Concen: 46.260 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074335.D

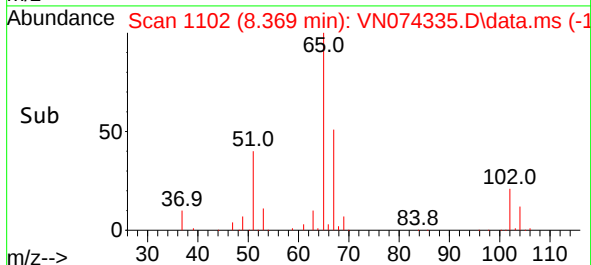
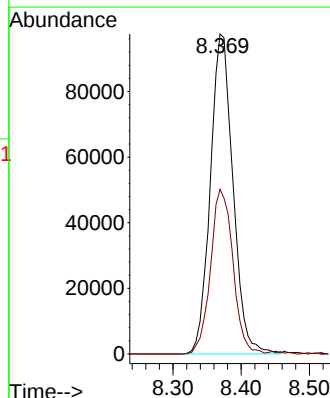
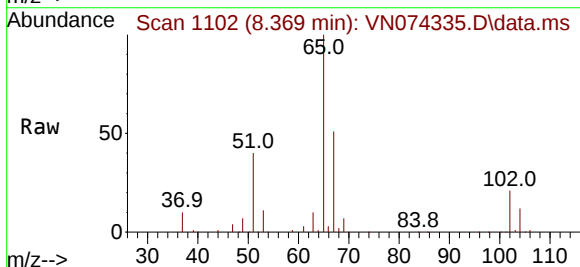
Acq: 03 Sep 2022 22:37

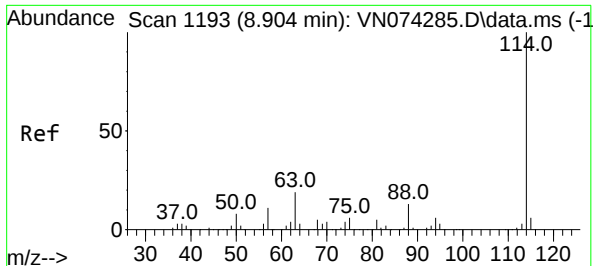
Tgt Ion: 65 Resp: 225647

Ion Ratio Lower Upper

65 100

67 50.9 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: VN074335.D

Acq: 03 Sep 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

MW-9

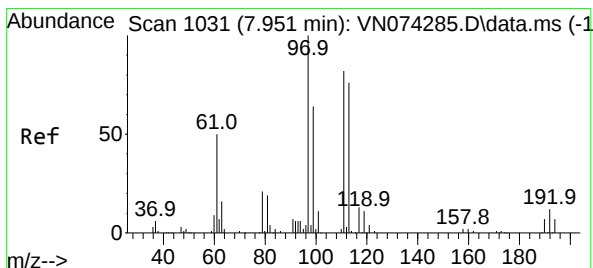
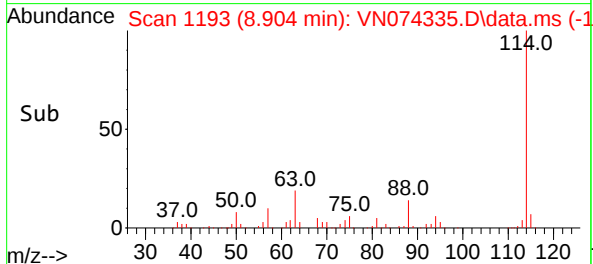
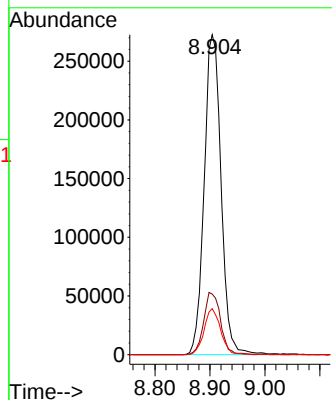
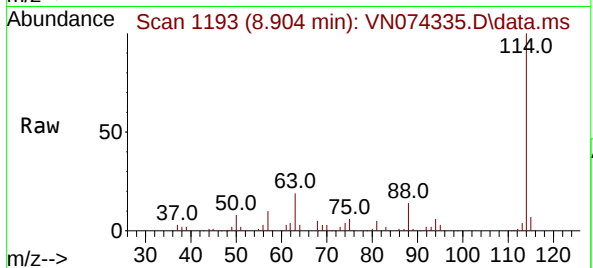
Tgt Ion:114 Resp: 582035

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.055 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074335.D

Acq: 03 Sep 2022 22:37

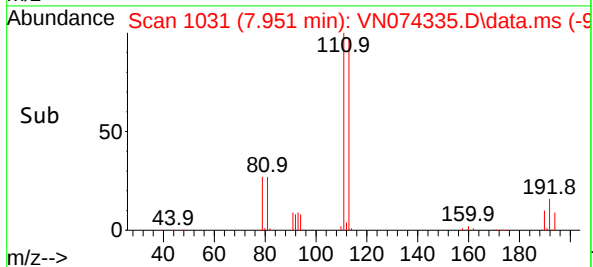
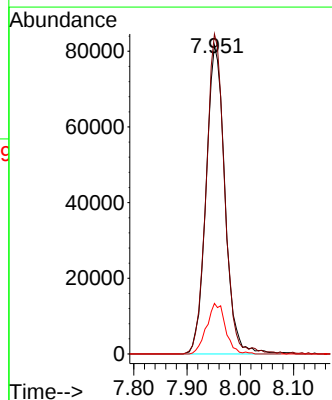
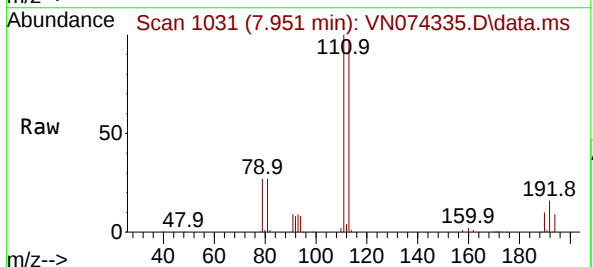
Tgt Ion:113 Resp: 200767

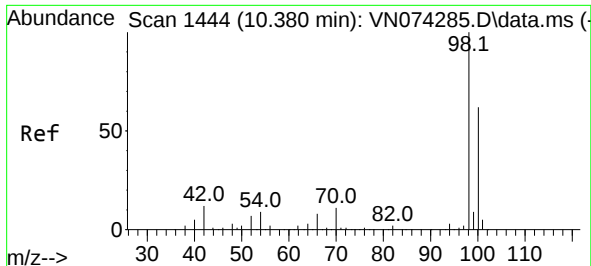
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 16.2 17.0 25.6#

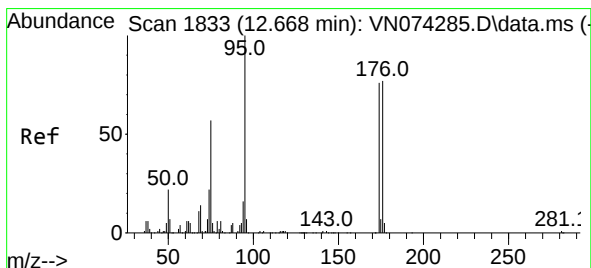
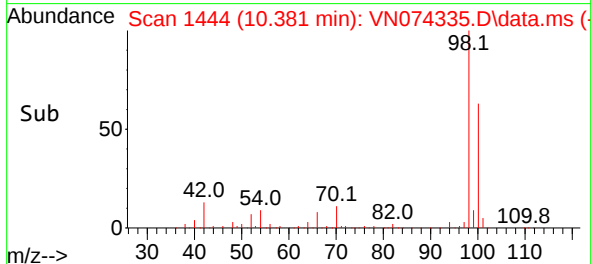
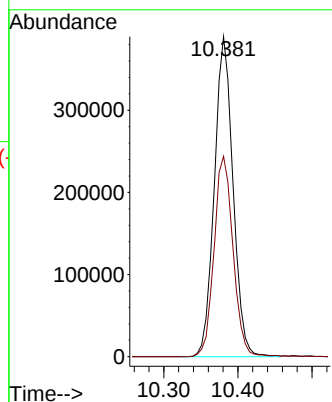
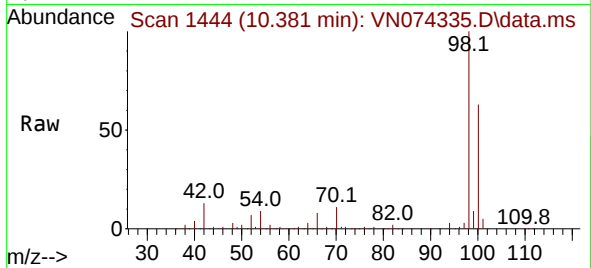




#50
Toluene-d8
Concen: 44.845 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074335.D
Acq: 03 Sep 2022 22:37

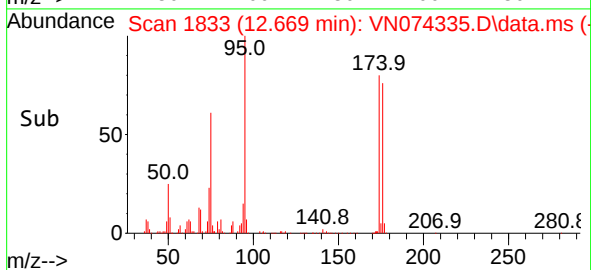
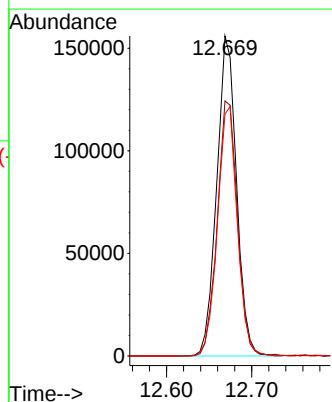
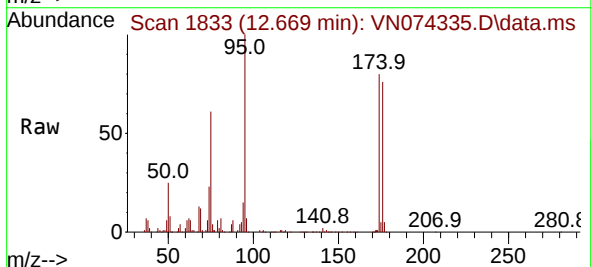
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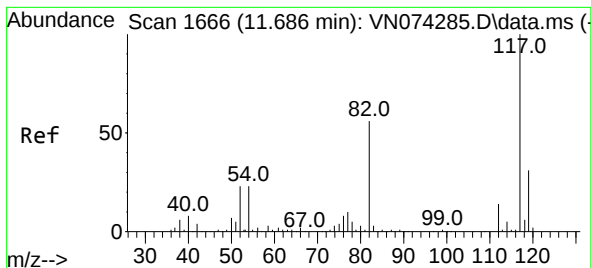
Tgt Ion: 98 Resp: 682021
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.433 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074335.D
Acq: 03 Sep 2022 22:37

Tgt Ion: 95 Resp: 251300
Ion Ratio Lower Upper
95 100
174 81.6 0.0 167.6
176 78.1 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: VN074335.D

Acq: 03 Sep 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

MW-9

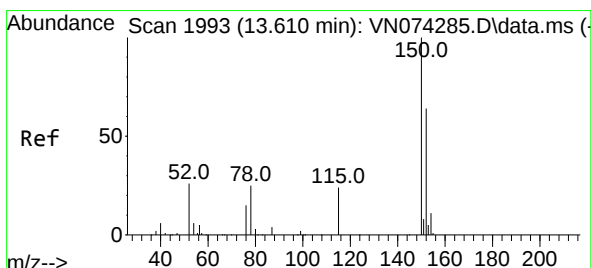
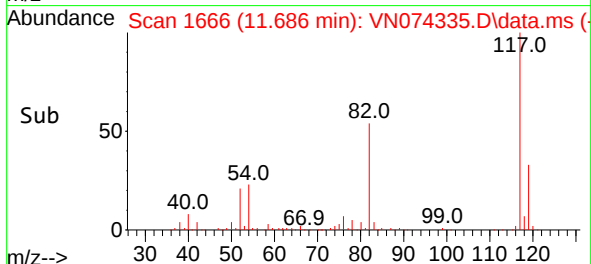
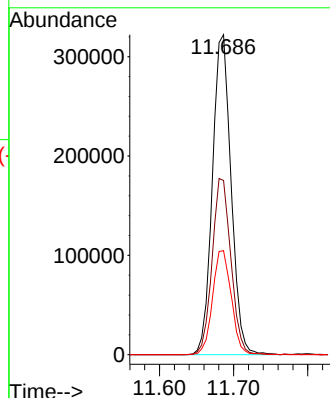
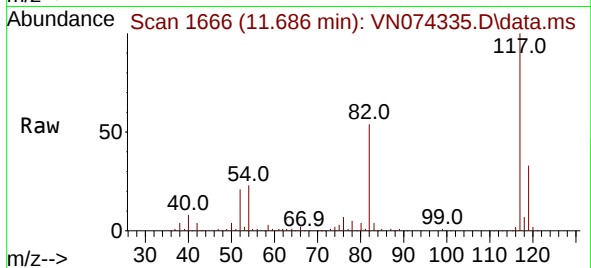
Tgt Ion:117 Resp: 564509

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

119 32.5 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: VN074335.D

Acq: 03 Sep 2022 22:37

Tgt Ion:152 Resp: 271168

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 154.6 0.0 356.2

