

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074336.D
 Acq On : 03 Sep 2022 23:01
 Operator : JC\MD
 Sample : N4381-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-48

Quant Time: Sep 05 05:42:31 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)

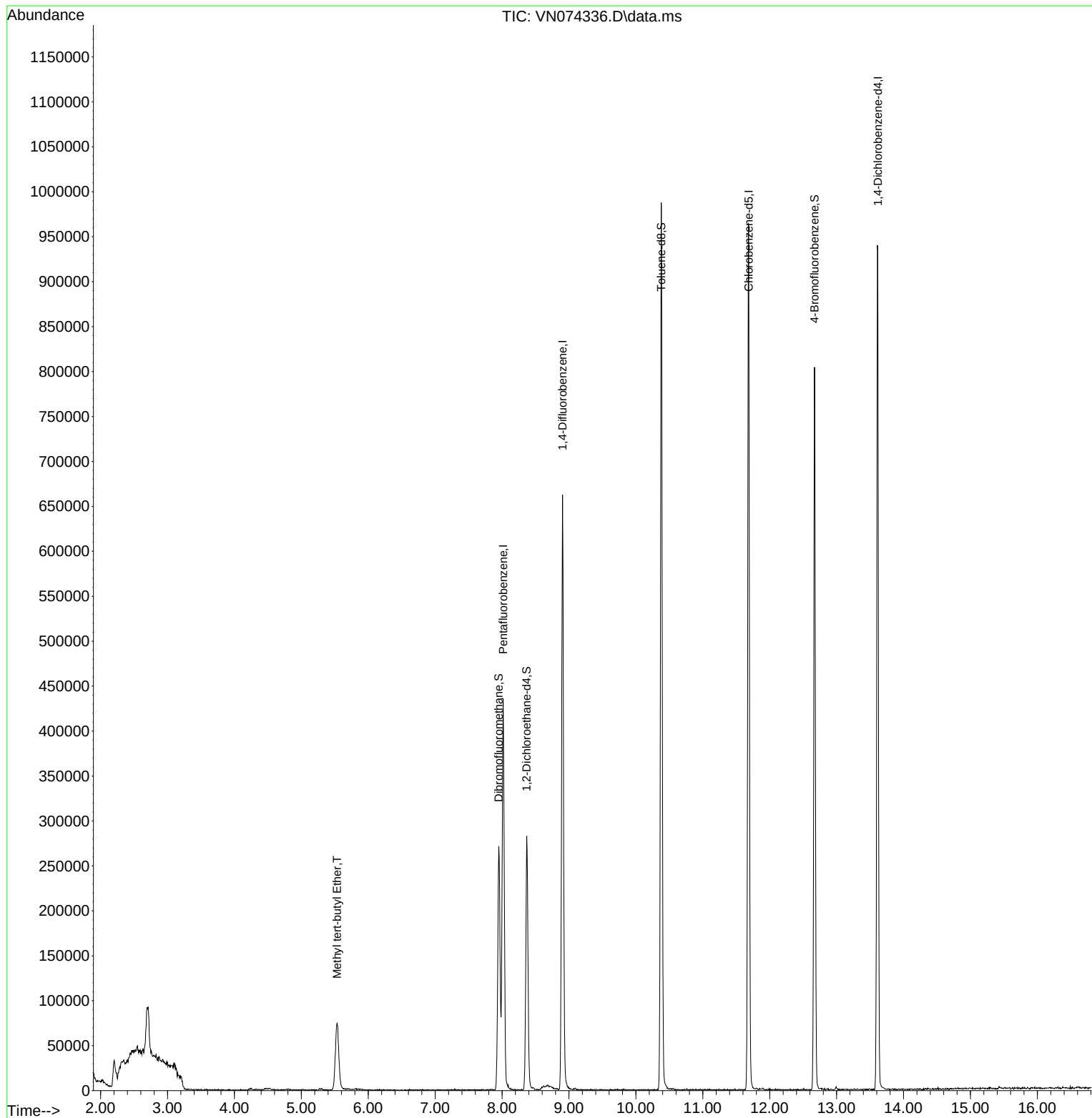
Internal Standards						
1) Pentafluorobenzene	8.016	168	306223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	555499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	536312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	242515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221341	46.369	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.740%
35) Dibromofluoromethane	7.951	113	189429	51.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.920%
50) Toluene-d8	10.380	98	657683	45.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.620%
62) 4-Bromofluorobenzene	12.668	95	237759	45.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
19) Methyl tert-butyl Ether	5.534	73	120284	10.068	ug/l	Qvalue 92

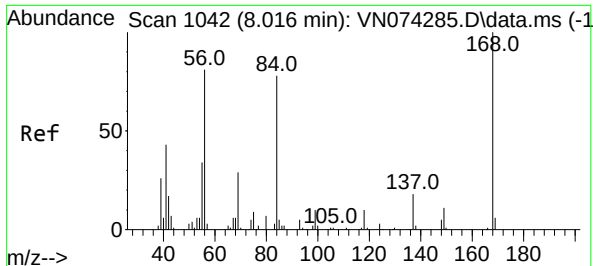
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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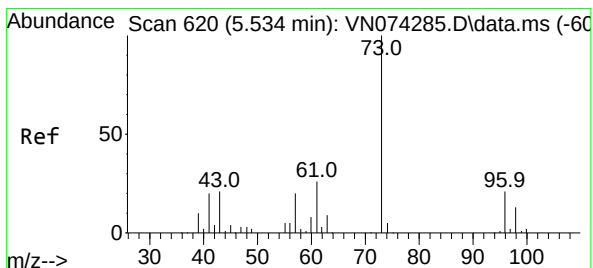
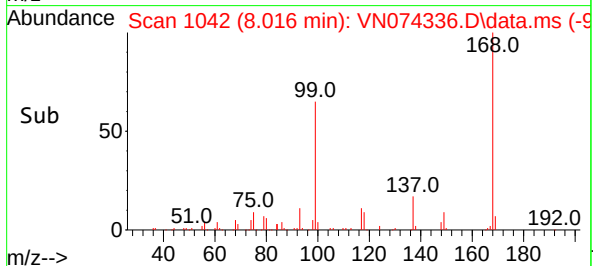
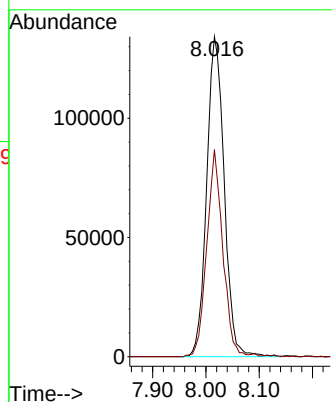
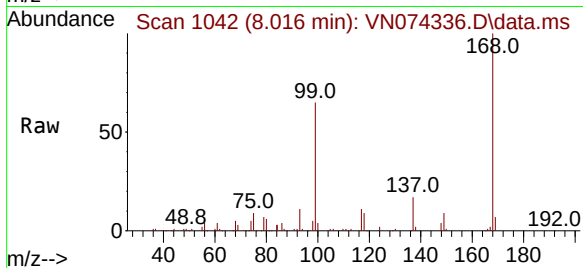




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074336.D
Acq: 03 Sep 2022 23:01

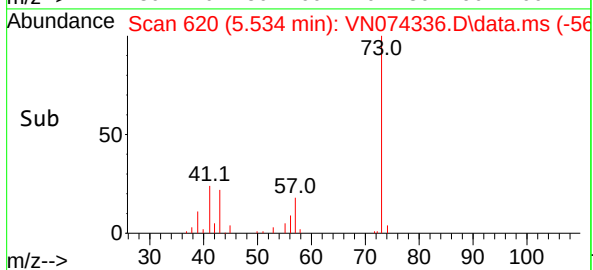
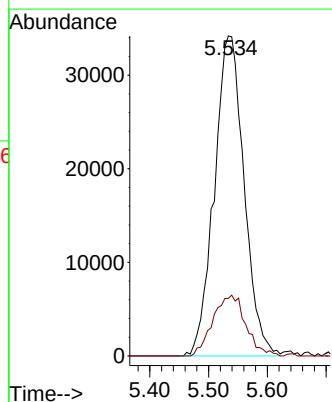
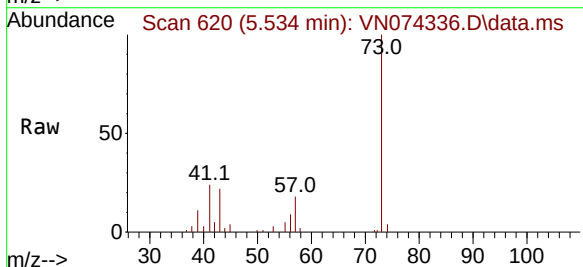
Instrument :
MSVOA_N
ClientSampleId :
MW-48

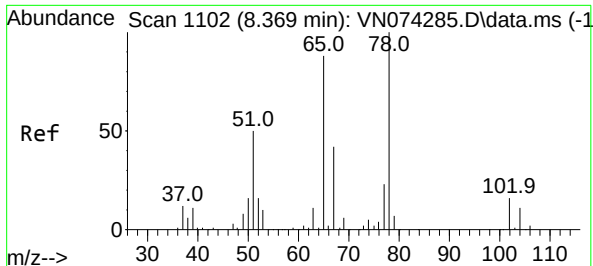
Tgt Ion:168 Resp: 306223
Ion Ratio Lower Upper
168 100
99 64.7 42.3 63.5#



#19
Methyl tert-butyl Ether
Concen: 10.068 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.000 min
Lab File: VN074336.D
Acq: 03 Sep 2022 23:01

Tgt Ion: 73 Resp: 120284
Ion Ratio Lower Upper
73 100
57 18.0 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 46.369 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074336.D

Acq: 03 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

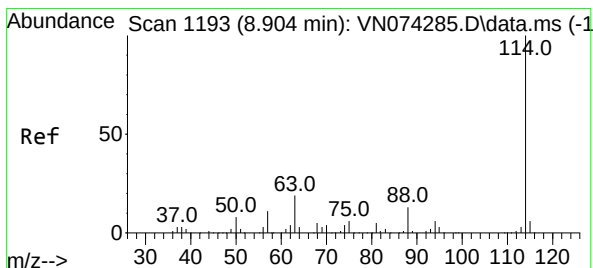
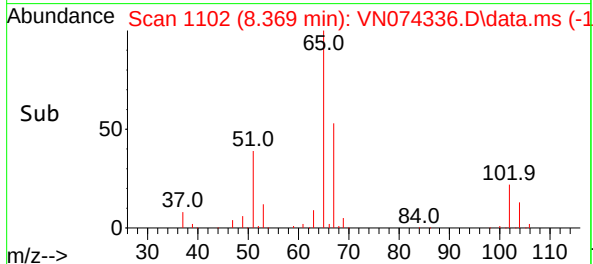
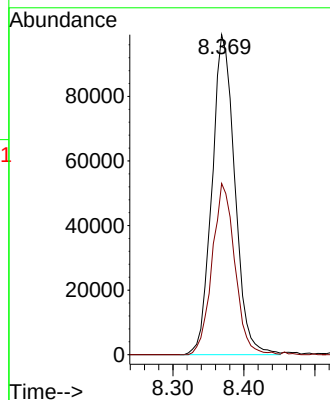
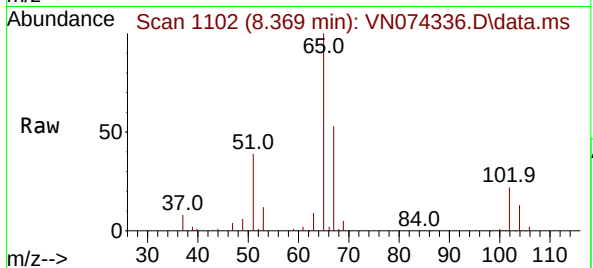
MW-48

Tgt Ion: 65 Resp: 221341

Ion Ratio Lower Upper

65 100

67 53.1 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: VN074336.D

Acq: 03 Sep 2022 23:01

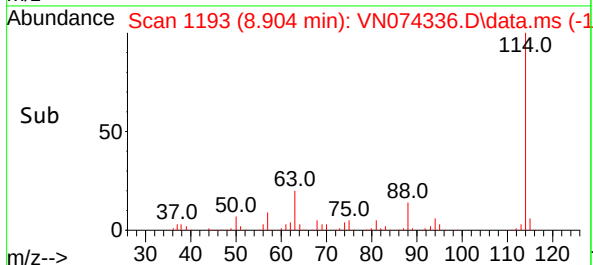
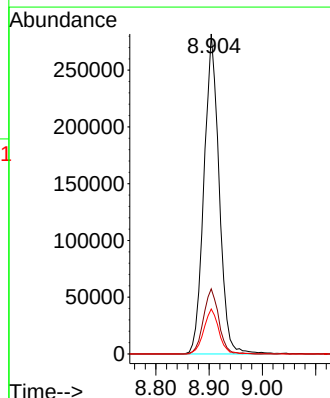
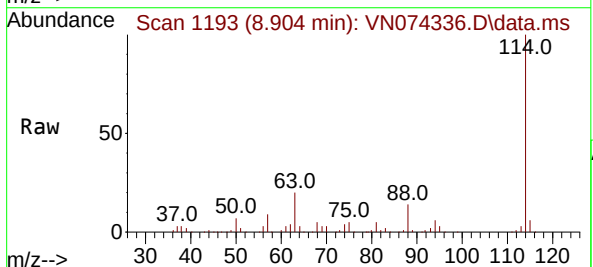
Tgt Ion: 114 Resp: 555499

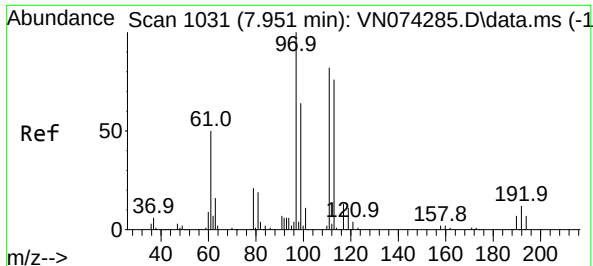
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.461 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074336.D

Acq: 03 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

MW-48

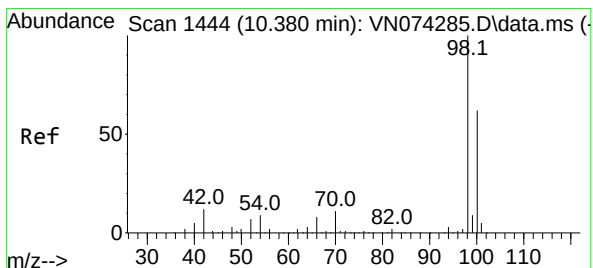
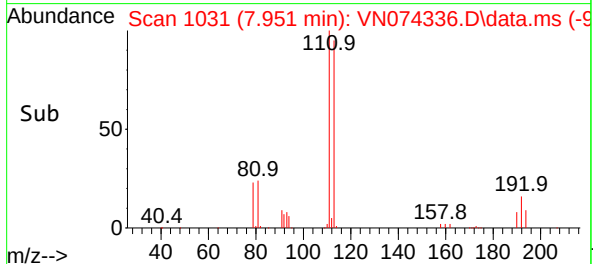
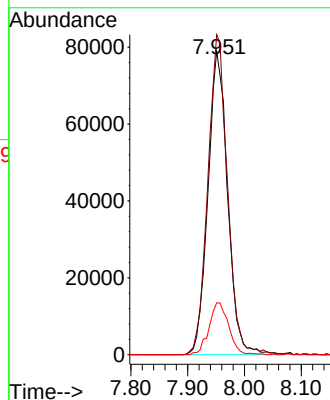
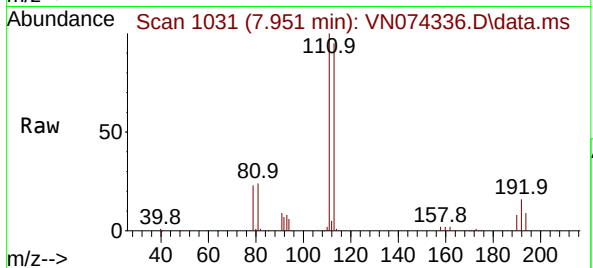
Tgt Ion:113 Resp: 189429

Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.0

192 17.2 17.0 25.6



#50

Toluene-d8

Concen: 45.310 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074336.D

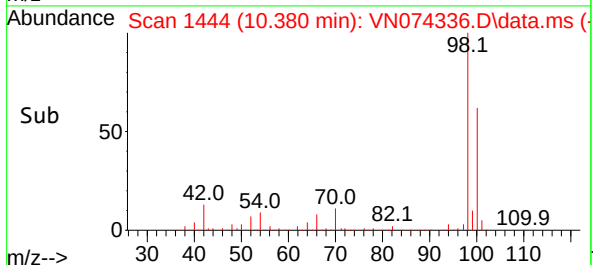
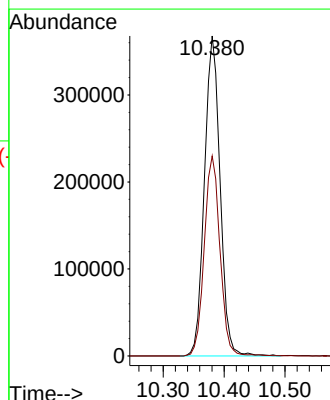
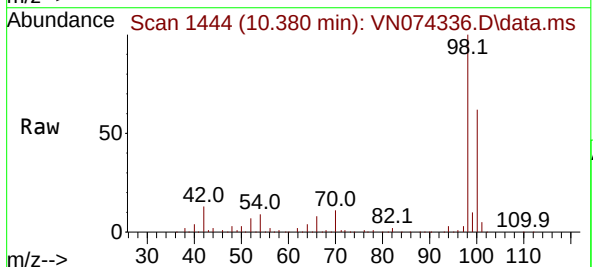
Acq: 03 Sep 2022 23:01

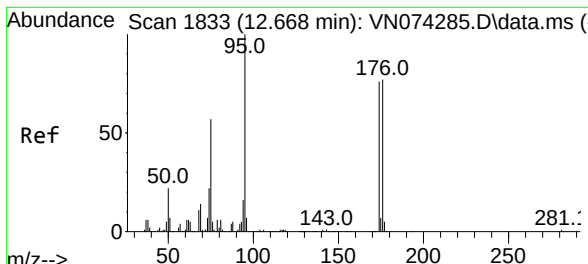
Tgt Ion: 98 Resp: 657683

Ion Ratio Lower Upper

98 100

100 62.8 52.6 78.8

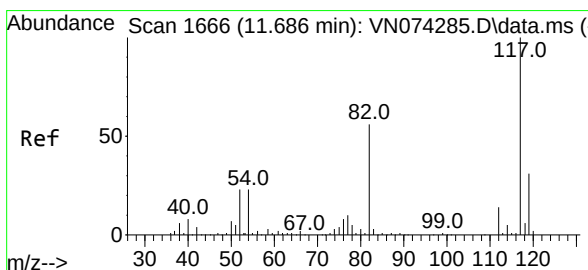
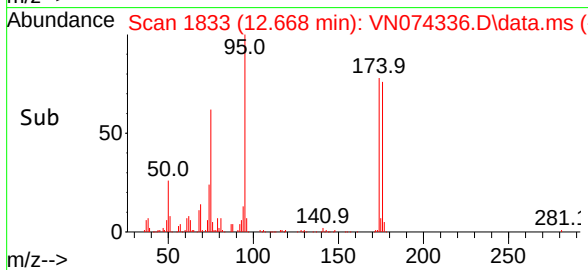
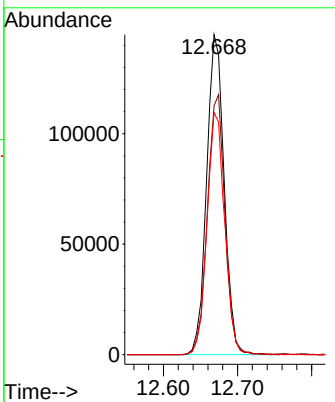
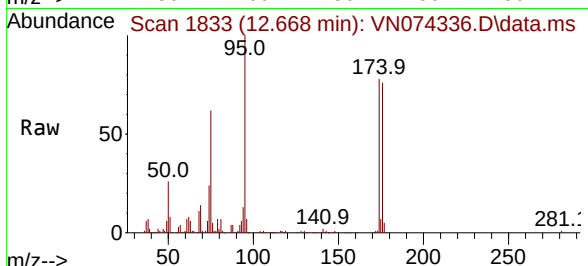




#62
 4-Bromofluorobenzene
 Concen: 45.063 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.001 min
 Lab File: VN074336.D
 Acq: 03 Sep 2022 23:01

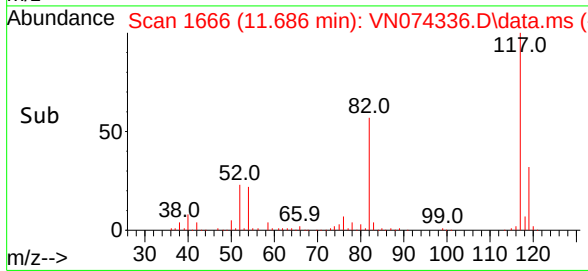
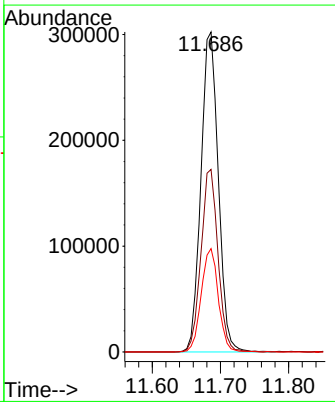
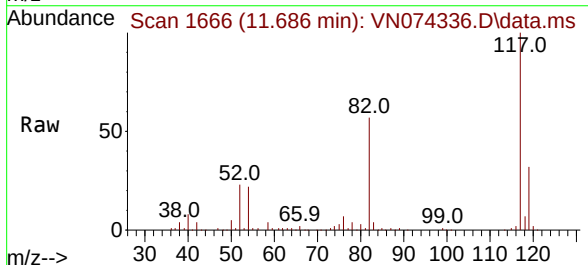
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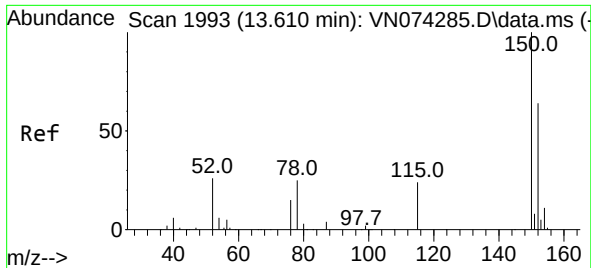
Tgt Ion:	95	Resp:	237759
Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	167.6
176	76.5	0.0	163.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.686 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VN074336.D
 Acq: 03 Sep 2022 23:01

Tgt Ion:	117	Resp:	536312
Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.2	66.2
119	32.3	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN074336.D

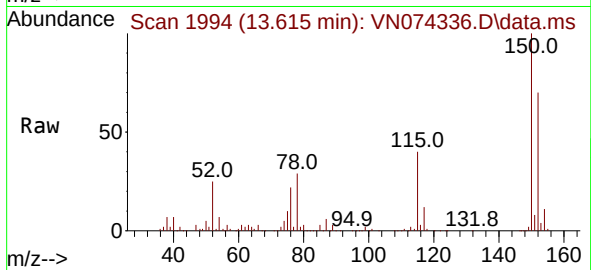
Acq: 03 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

MW-48



Tgt Ion:152 Resp: 242515

Ion Ratio Lower Upper

152 100

115 60.7 28.9 86.7

150 153.5 0.0 356.2

