

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074296.D
 Acq On : 02 Sep 2022 19:46
 Operator : JC\MD
 Sample : N4329-04DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23ADL

Quant Time: Sep 03 04:41:18 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)

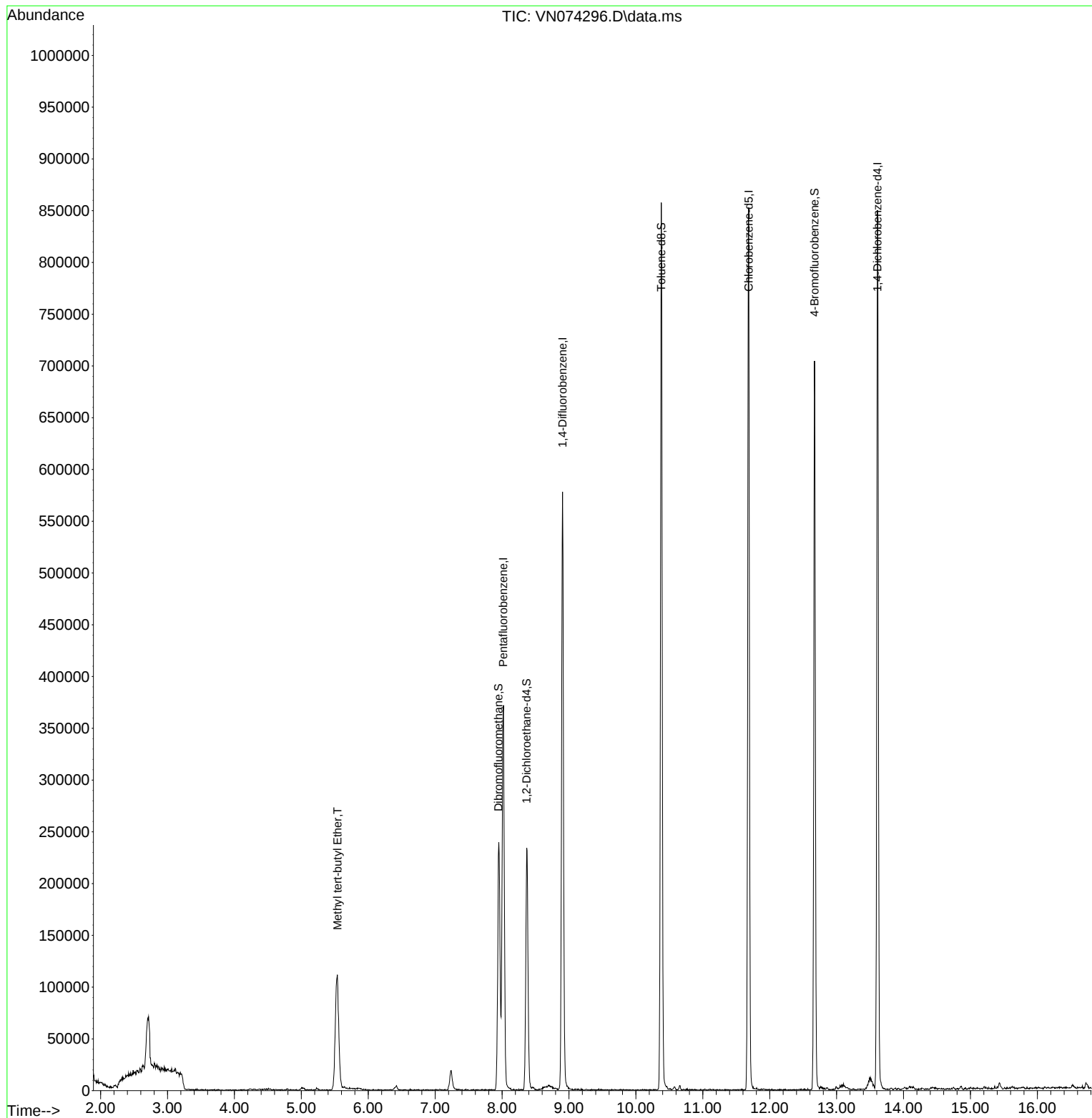
Internal Standards						
1) Pentafluorobenzene	8.016	168	272640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	488590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	474753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	217144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186552	43.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.780%
35) Dibromofluoromethane	7.945	113	164102	50.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.380	98	573550	44.925	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.860%
62) 4-Bromofluorobenzene	12.669	95	208426	44.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%
Target Compounds						
19) Methyl tert-butyl Ether	5.540	73	188052	17.679	ug/l	Qvalue 97

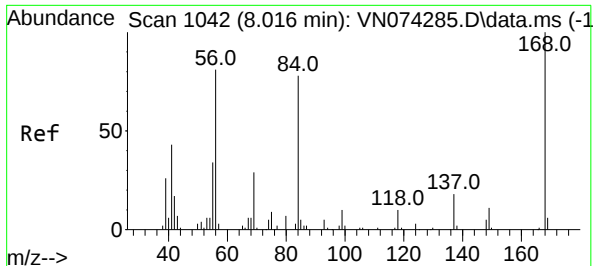
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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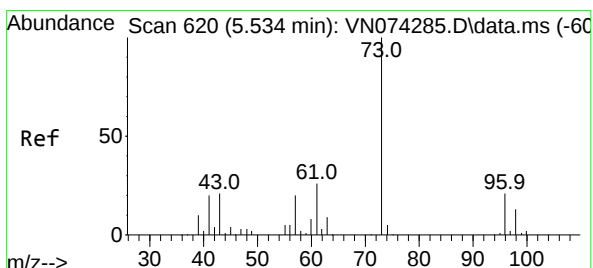
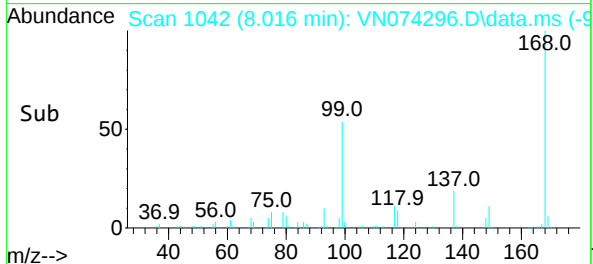
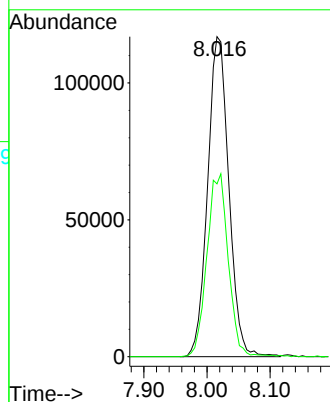
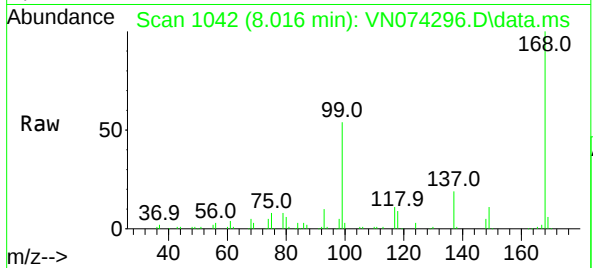




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074296.D
Acq: 02 Sep 2022 19:46

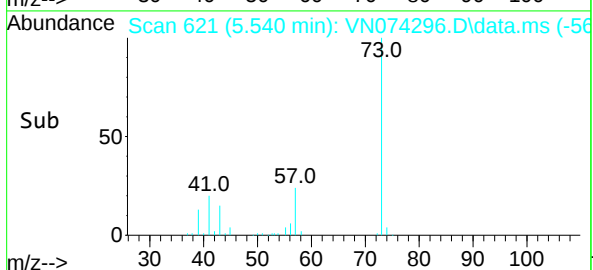
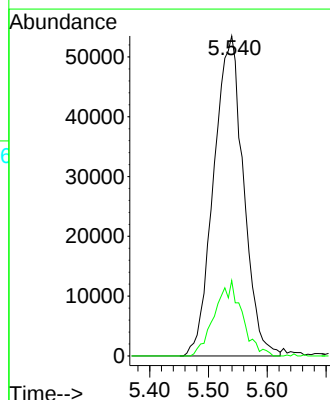
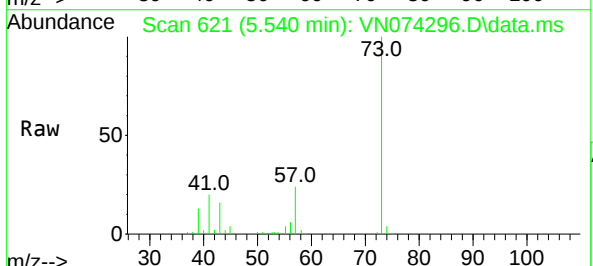
Instrument :
MSVOA_N
ClientSampleId :
MW-23ADL

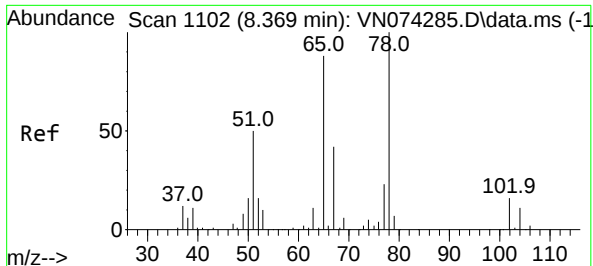
Tgt Ion:168 Resp: 272640
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5



#19
Methyl tert-butyl Ether
Concen: 17.679 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074296.D
Acq: 02 Sep 2022 19:46

Tgt Ion: 73 Resp: 188052
Ion Ratio Lower Upper
73 100
57 23.5 17.6 26.4





#33

1,2-Dichloroethane-d4

Concen: 43.895 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074296.D

Acq: 02 Sep 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

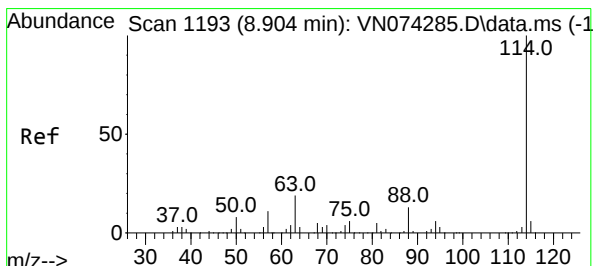
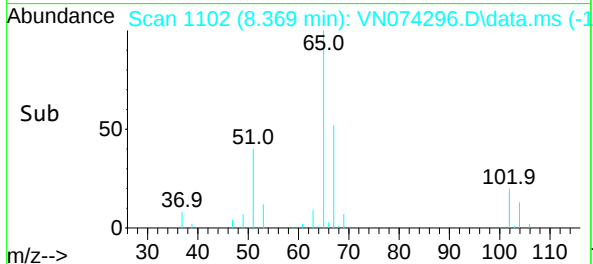
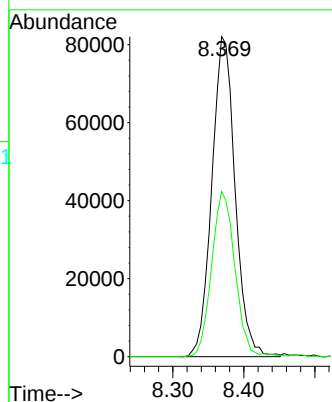
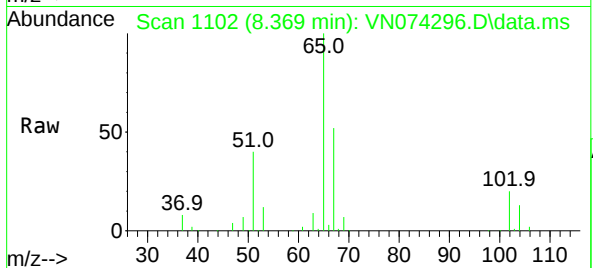
MW-23ADL

Tgt Ion: 65 Resp: 186552

Ion Ratio Lower Upper

65 100

67 51.7 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: VN074296.D

Acq: 02 Sep 2022 19:46

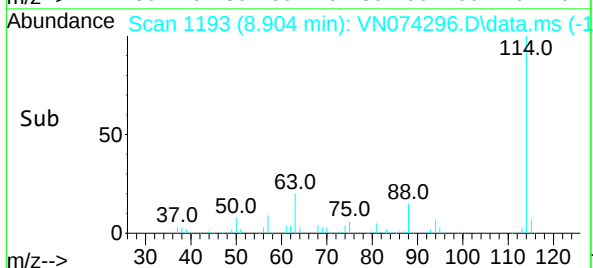
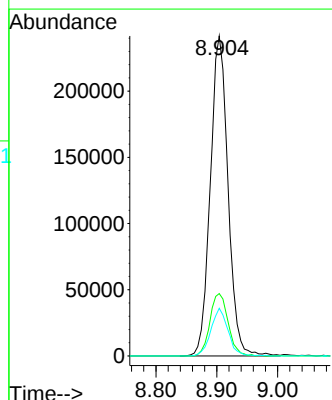
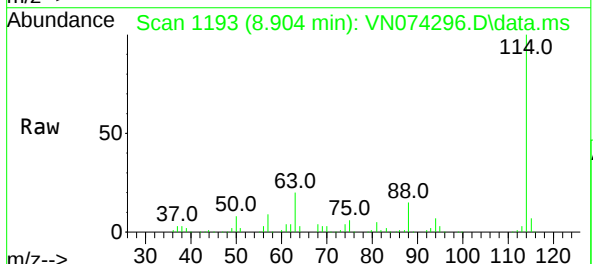
Tgt Ion: 114 Resp: 488590

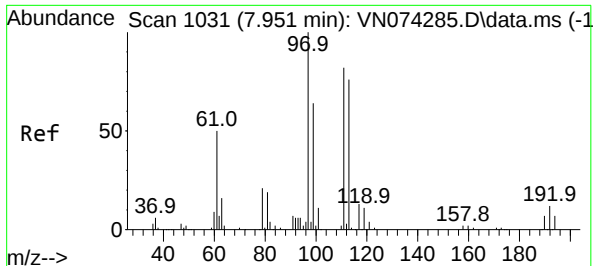
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.686 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074296.D

Acq: 02 Sep 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

MW-23ADL

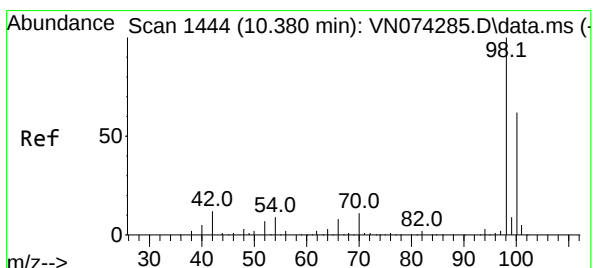
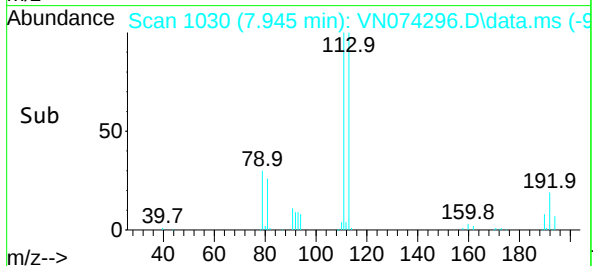
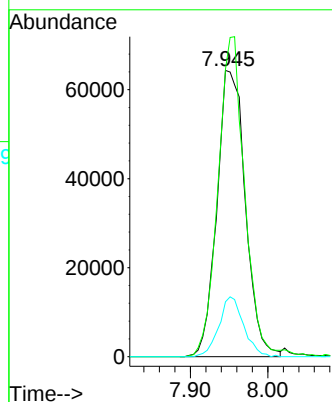
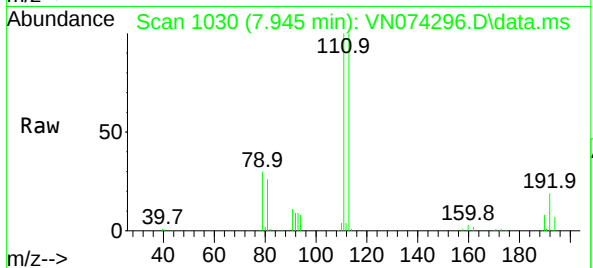
Tgt Ion:113 Resp: 164102

Ion Ratio Lower Upper

113 100

111 105.5 81.4 122.0

192 18.2 17.0 25.6



#50

Toluene-d8

Concen: 44.925 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074296.D

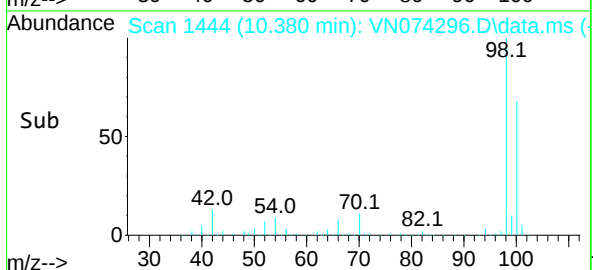
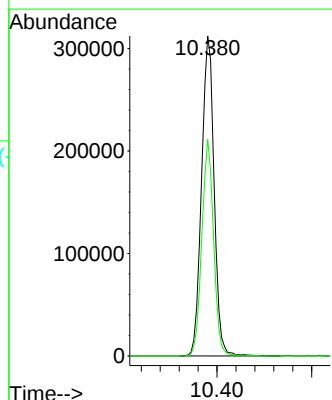
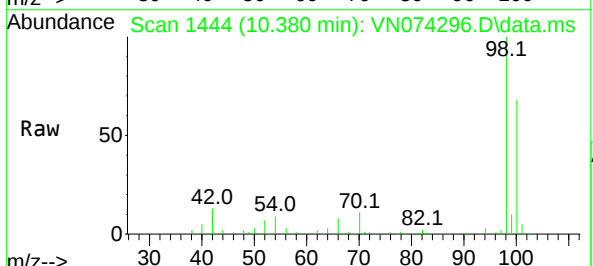
Acq: 02 Sep 2022 19:46

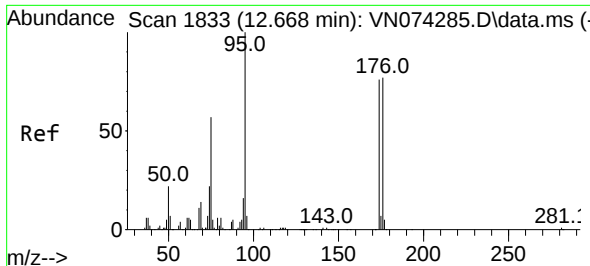
Tgt Ion: 98 Resp: 573550

Ion Ratio Lower Upper

98 100

100 63.5 52.6 78.8

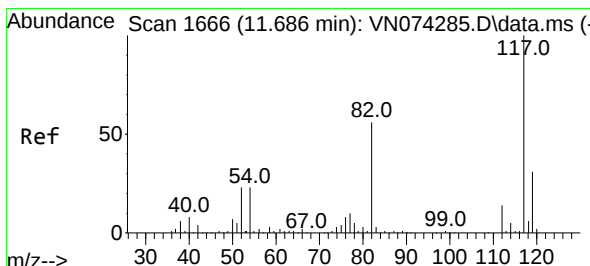
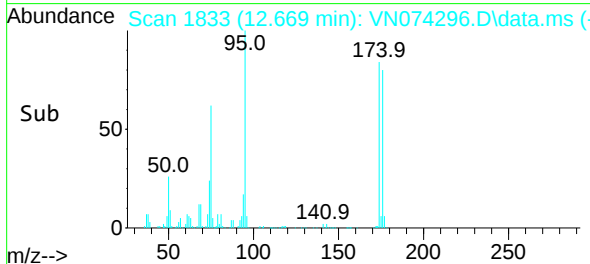
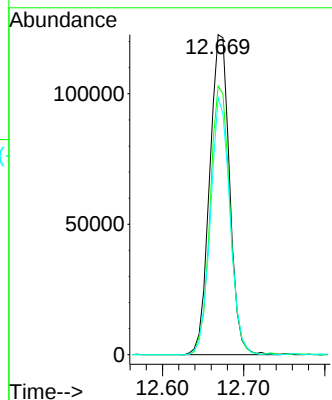
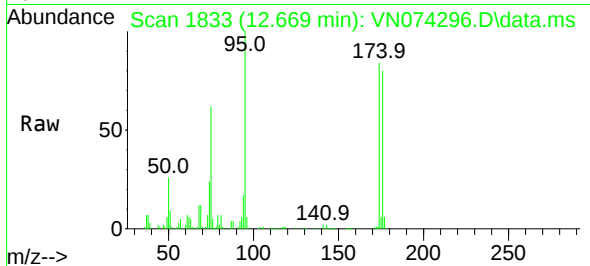




#62
4-Bromofluorobenzene
Concen: 44.922 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074296.D
Acq: 02 Sep 2022 19:46

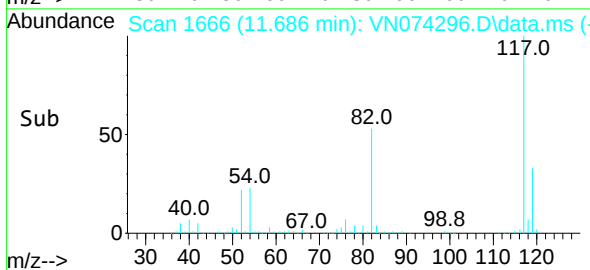
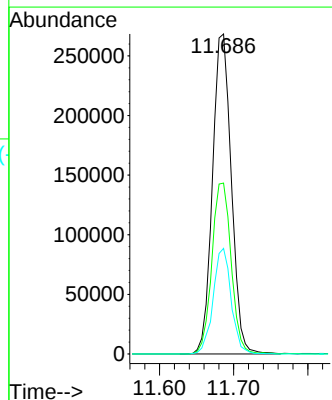
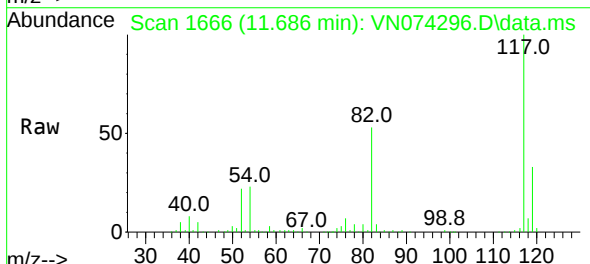
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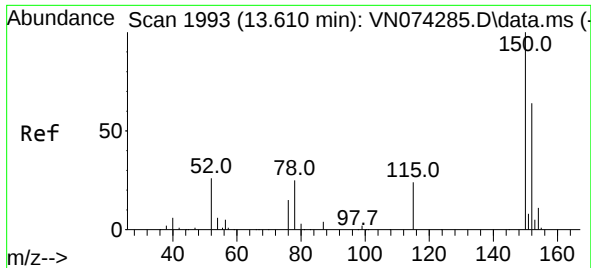
Tgt Ion: 95 Resp: 208426
Ion Ratio Lower Upper
95 100
174 83.4 0.0 167.6
176 78.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074296.D
Acq: 02 Sep 2022 19:46

Tgt Ion: 117 Resp: 474753
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 33.0 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: VN074296.D

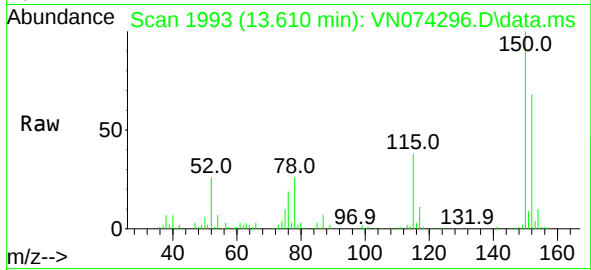
Acq: 02 Sep 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

MW-23ADL



Tgt Ion:152 Resp: 217144

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 155.5 0.0 356.2

