

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074247.D
 Acq On : 01 Sep 2022 17:08
 Operator : JC\MD
 Sample : N4329-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14D

Quant Time: Sep 02 05:39:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

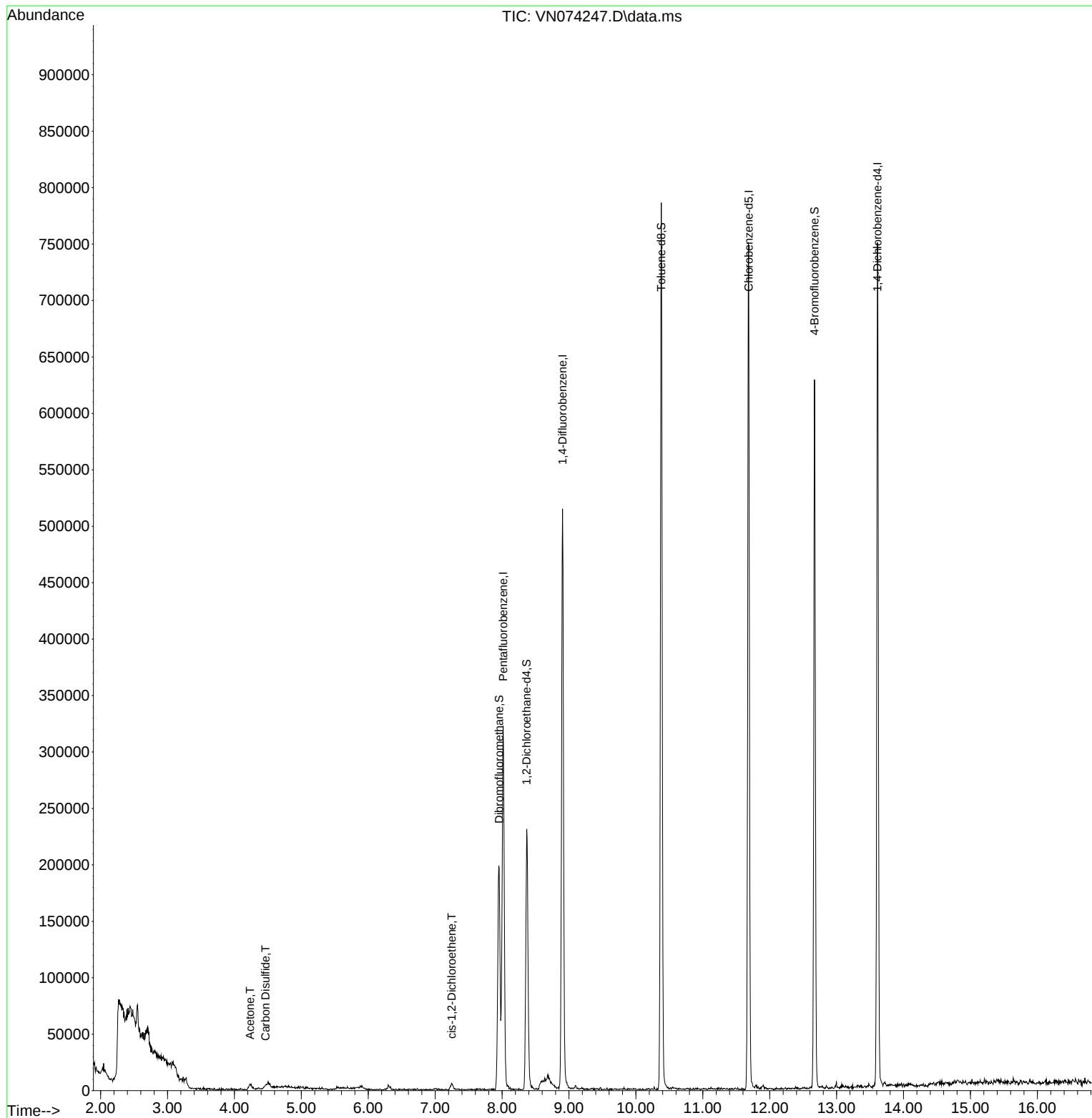
Internal Standards						
1) Pentafluorobenzene	8.016	168	231423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	425255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	409321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	185314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173528	48.337	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.680%
35) Dibromofluoromethane	7.957	113	142371	51.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	10.380	98	514118	47.177	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.669	95	189967	57.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.640%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	9587	3.997	ug/l	97
17) Carbon Disulfide	4.463	76	6731	0.872	ug/l #	94
27) cis-1,2-Dichloroethene	7.245	96	2592	0.741	ug/l	84

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

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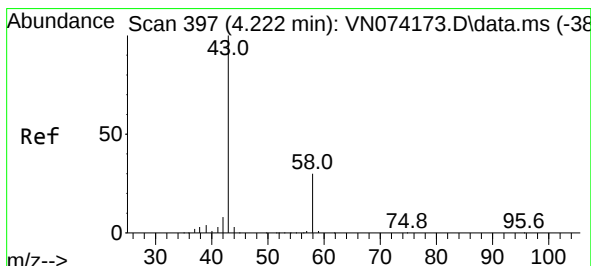
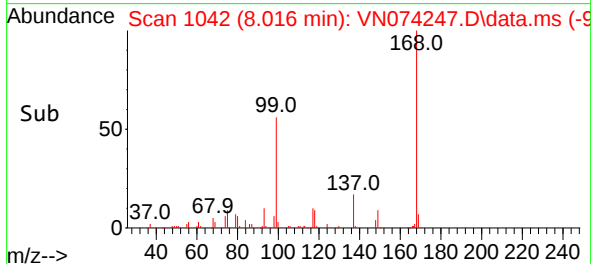
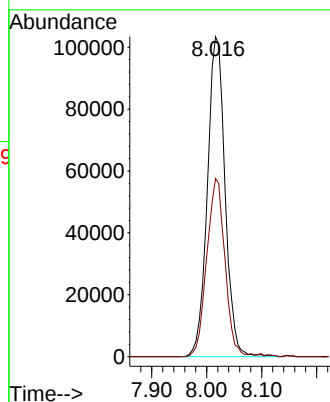
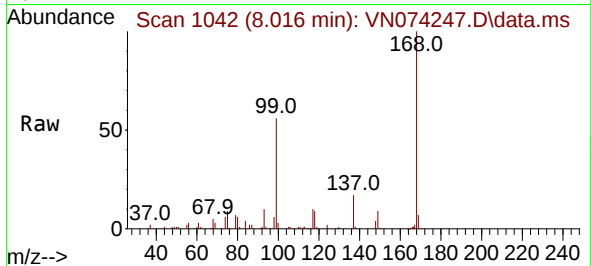




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074247.D
Acq: 01 Sep 2022 17:08

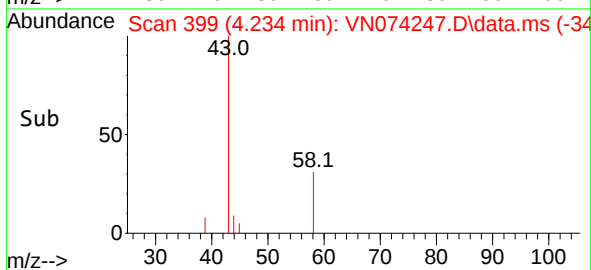
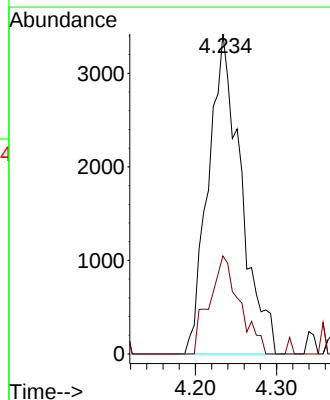
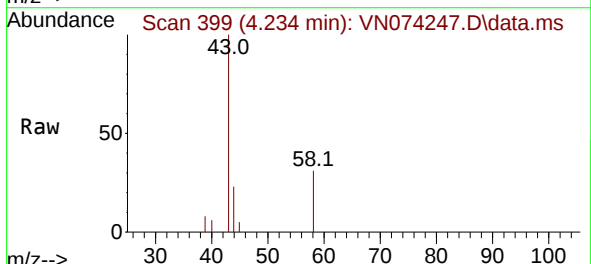
Instrument :
MSVOA_N
ClientSampleId :
MW-14D

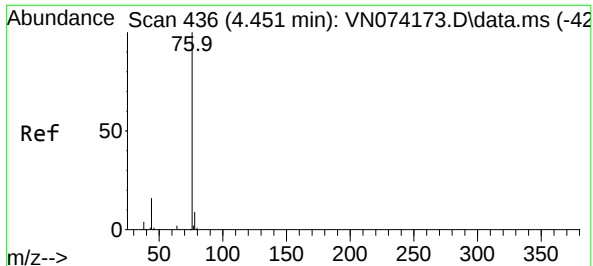
Tgt Ion:168 Resp: 231423
Ion Ratio Lower Upper
168 100
99 55.6 42.3 63.5



#16
Acetone
Concen: 3.997 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074247.D
Acq: 01 Sep 2022 17:08

Tgt Ion: 43 Resp: 9587
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





#17

Carbon Disulfide

Concen: 0.872 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN074247.D

Acq: 01 Sep 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

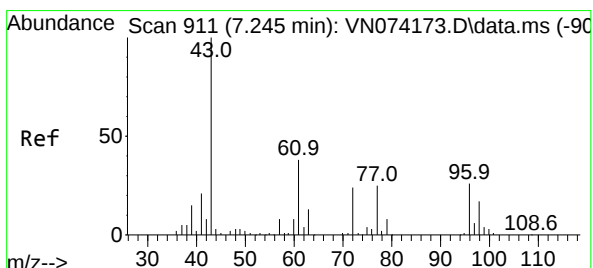
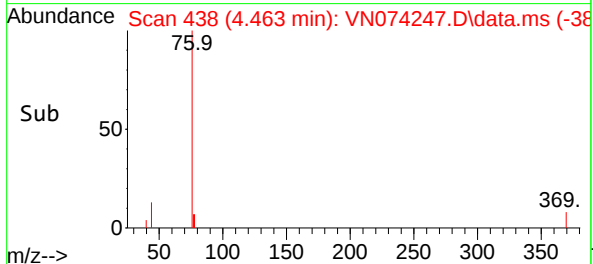
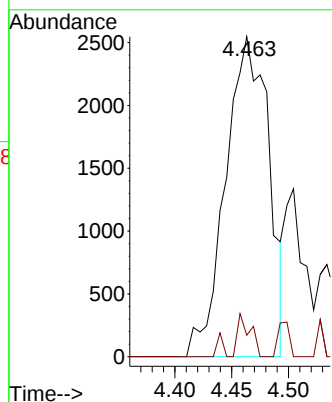
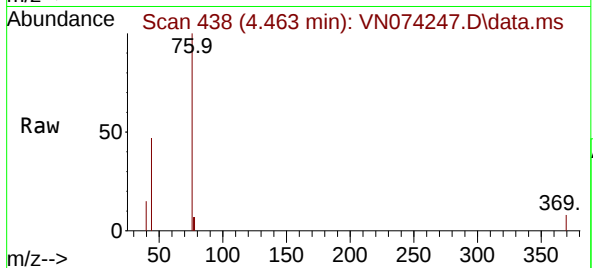
MW-14D

Tgt Ion: 76 Resp: 6731

Ion Ratio Lower Upper

76 100

78 6.7 7.2 10.8#



#27

cis-1,2-Dichloroethene

Concen: 0.741 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074247.D

Acq: 01 Sep 2022 17:08

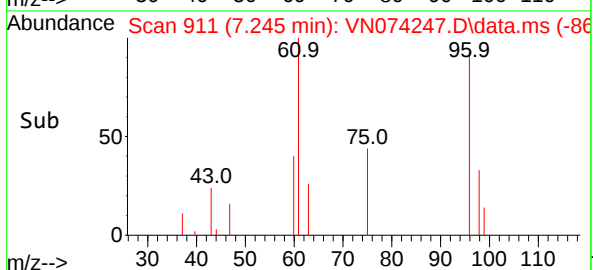
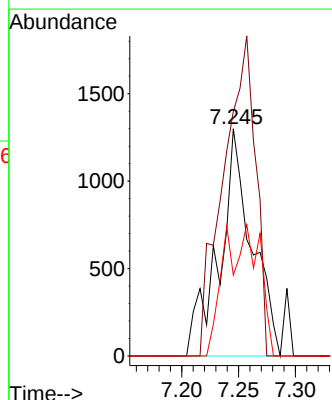
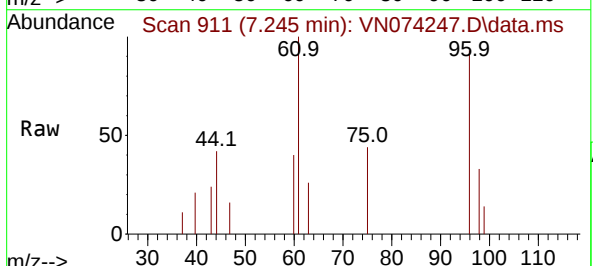
Tgt Ion: 96 Resp: 2592

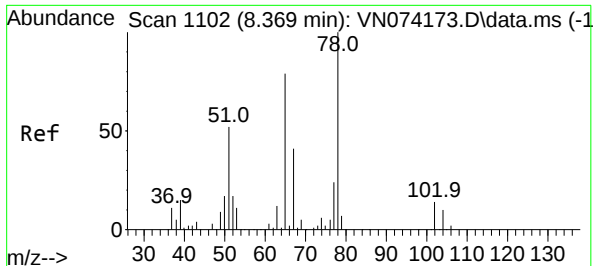
Ion Ratio Lower Upper

96 100

61 139.1 0.0 280.6

98 24.7 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 48.337 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074247.D

Acq: 01 Sep 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

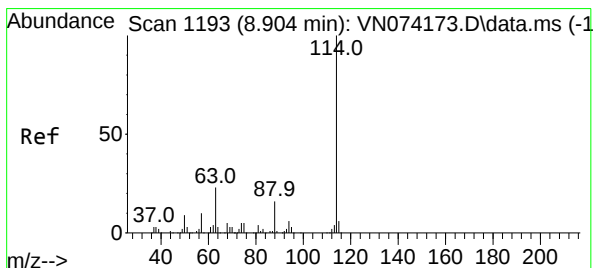
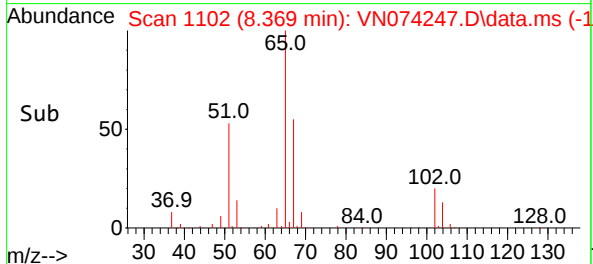
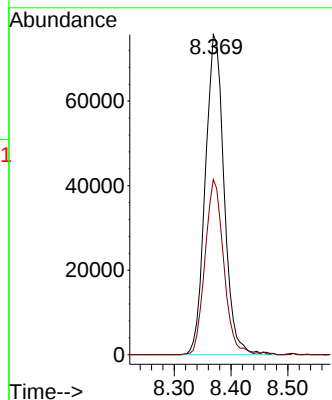
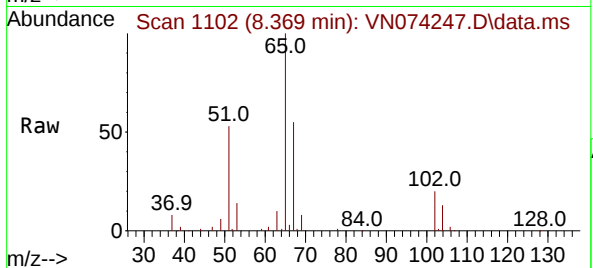
MW-14D

Tgt Ion: 65 Resp: 173528

Ion Ratio Lower Upper

65 100

67 54.5 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: VN074247.D

Acq: 01 Sep 2022 17:08

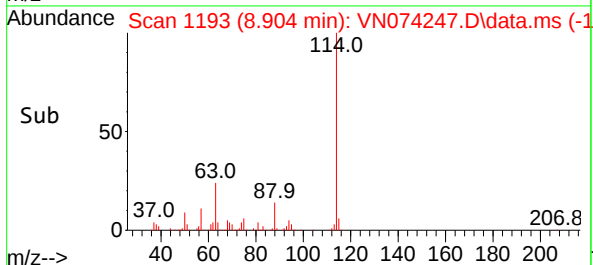
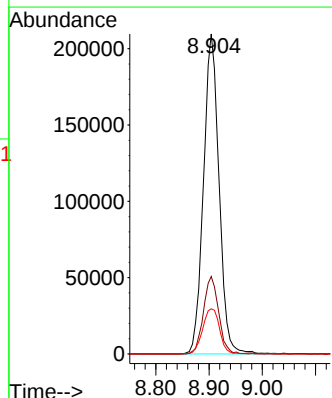
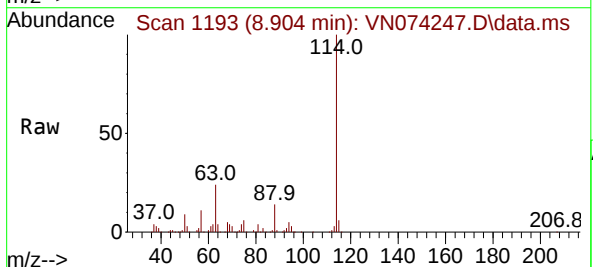
Tgt Ion: 114 Resp: 425255

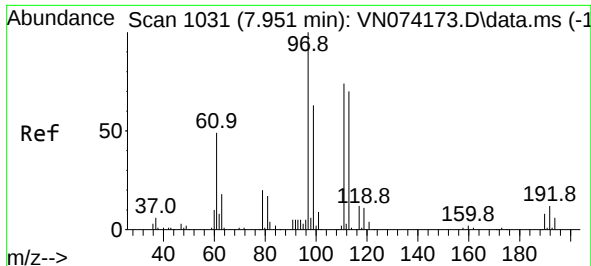
Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.0

88 14.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.449 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN074247.D

Acq: 01 Sep 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

MW-14D

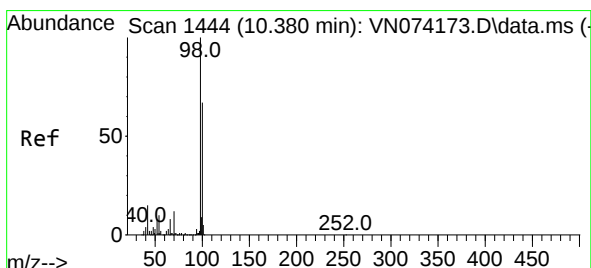
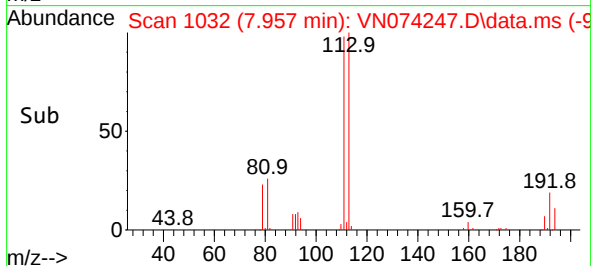
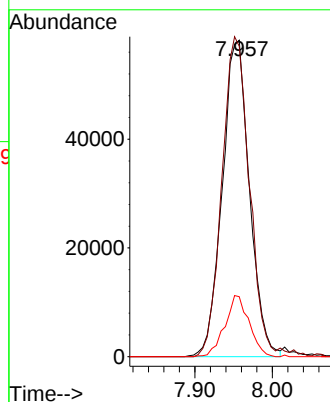
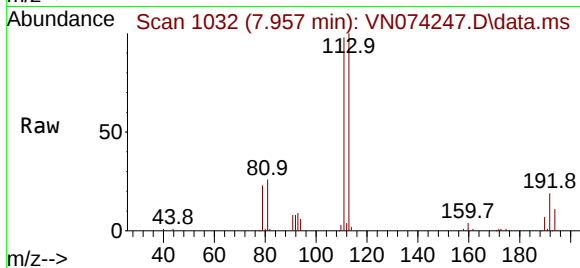
Tgt Ion:113 Resp: 142371

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 17.2 17.0 25.6



#50

Toluene-d8

Concen: 47.177 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074247.D

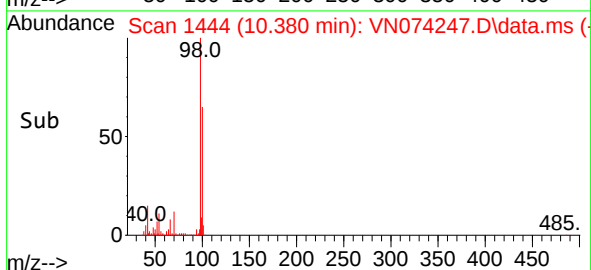
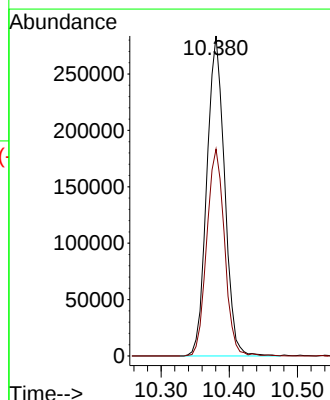
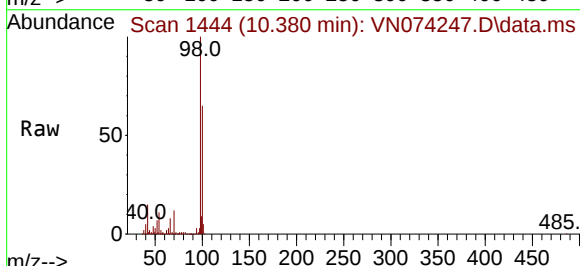
Acq: 01 Sep 2022 17:08

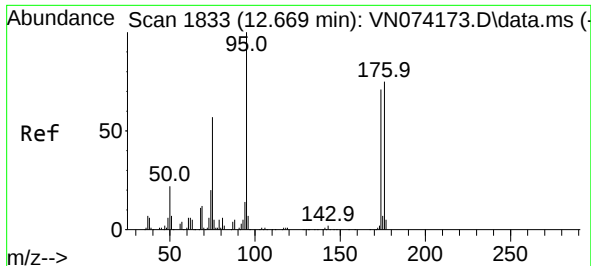
Tgt Ion: 98 Resp: 514118

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 57.322 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN074247.D

Acq: 01 Sep 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

MW-14D

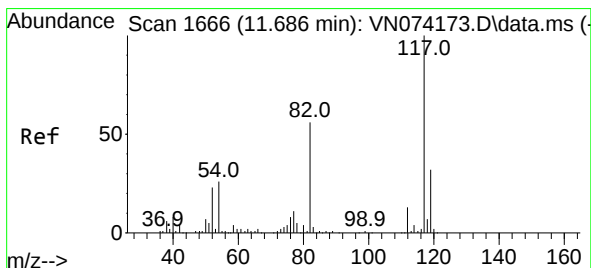
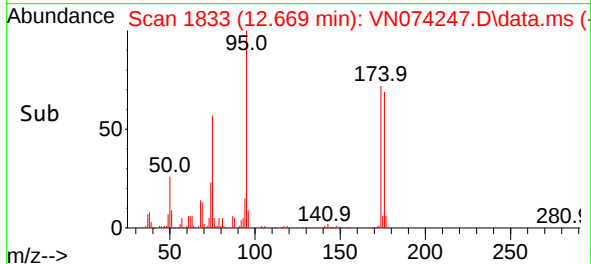
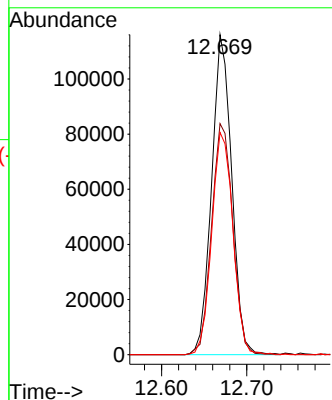
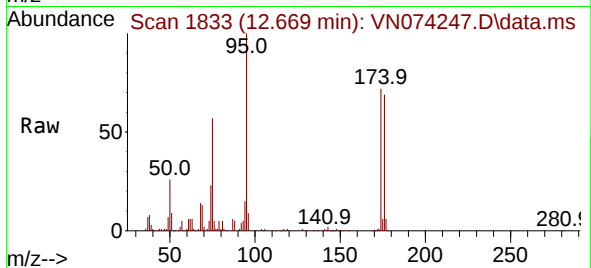
Tgt Ion: 95 Resp: 189967

Ion Ratio Lower Upper

95 100

174 76.3 0.0 167.6

176 73.3 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: VN074247.D

Acq: 01 Sep 2022 17:08

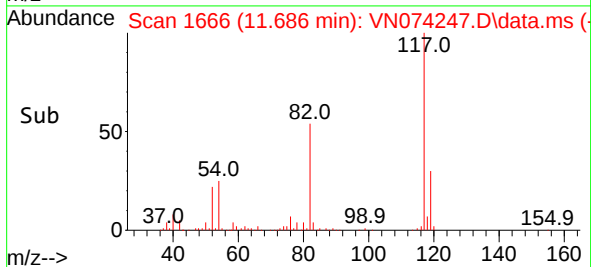
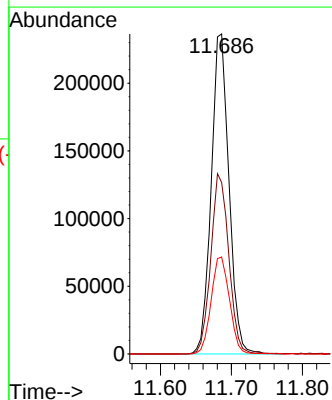
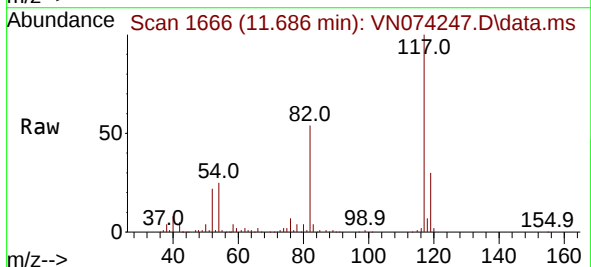
Tgt Ion: 117 Resp: 409321

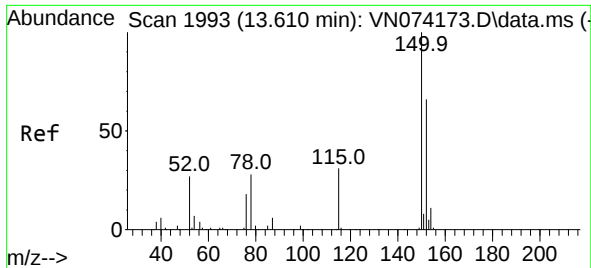
Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

119 30.3 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: VN074247.D

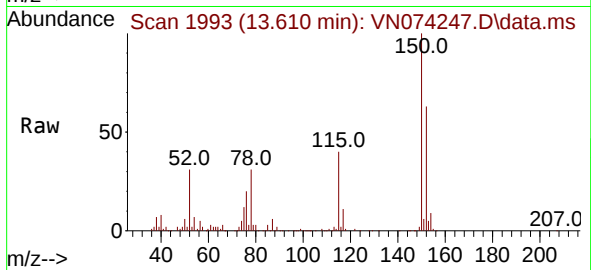
Acq: 01 Sep 2022 17:08

Instrument :

MSVOA_N

ClientSampleId :

MW-14D



Tgt Ion:152 Resp: 185314

Ion Ratio Lower Upper

152 100

115 57.4 28.9 86.7

150 157.1 0.0 356.2

