

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075268.D
 Acq On : 14 Nov 2022 16:27
 Operator : JC\MD
 Sample : N5415-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R-28

Quant Time: Nov 15 03:52:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

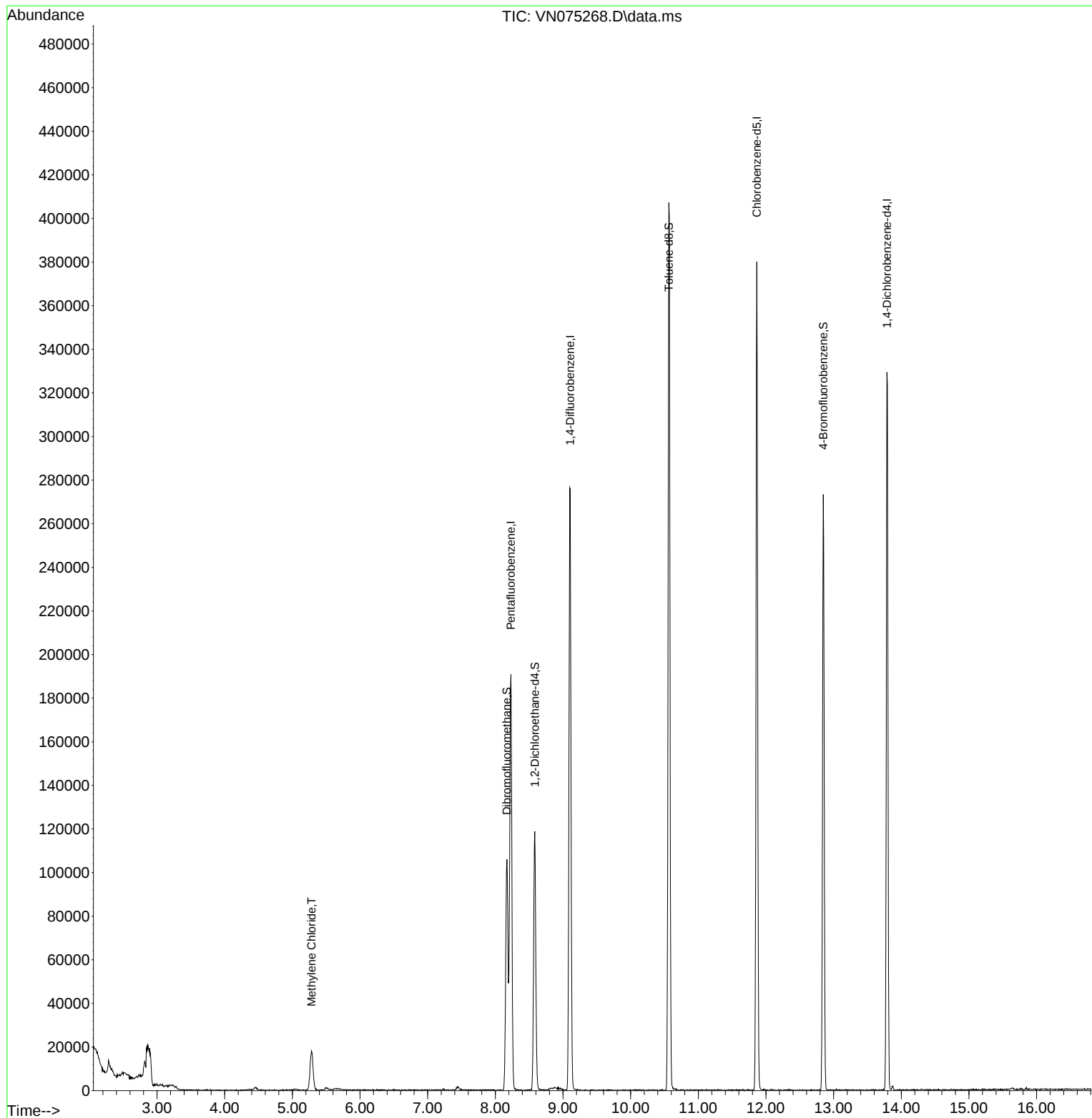
Internal Standards						
1) Pentafluorobenzene	8.230	168	139818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	95361	50.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.240%
35) Dibromofluoromethane	8.171	113	77845	52.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.565	98	298206	51.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.847	95	94817	46.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.920%
Target Compounds						
20) Methylene Chloride	5.283	84	16049	9.024	ug/l	Qvalue 89

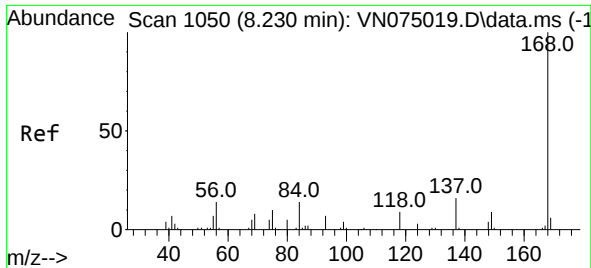
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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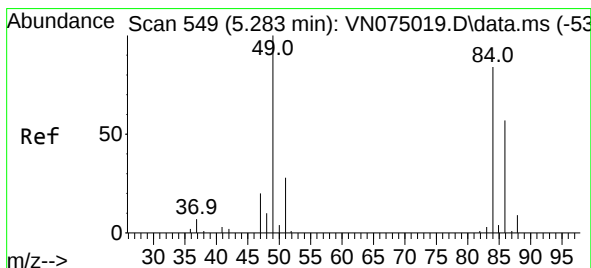
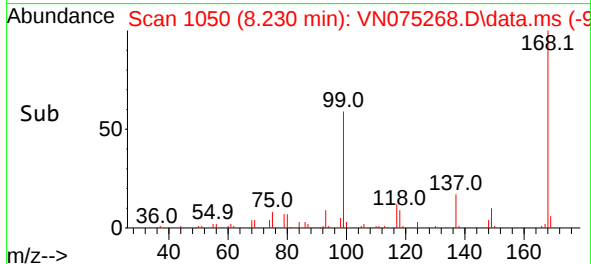
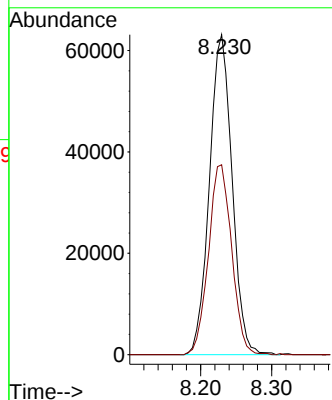
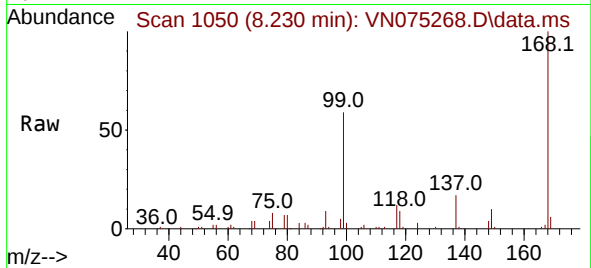




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

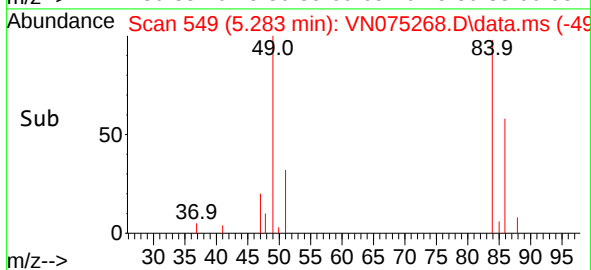
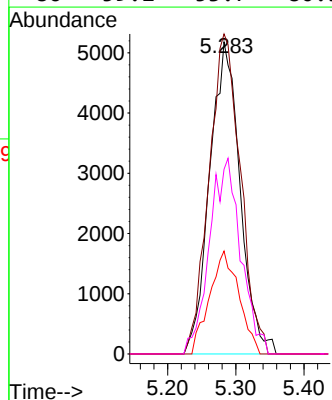
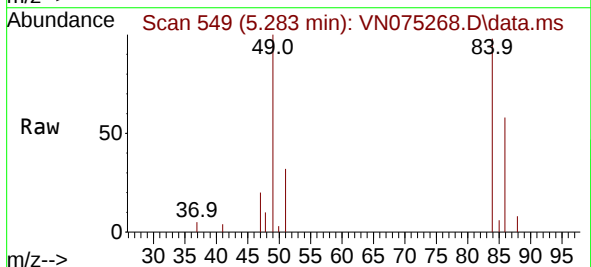
Instrument :
MSVOA_N
ClientSampleId :
R-28

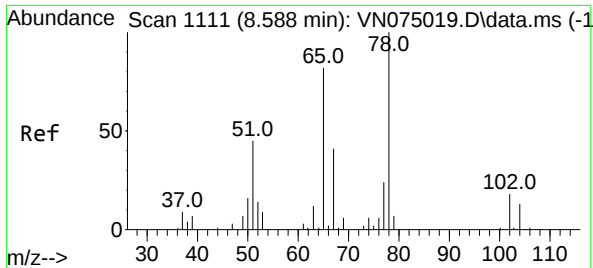
Tgt Ion:168 Resp: 139818
Ion Ratio Lower Upper
168 100
99 59.4 51.6 77.4



#20
Methylene Chloride
Concen: 9.024 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075268.D
Acq: 14 Nov 2022 16:27

Tgt Ion: 84 Resp: 16049
Ion Ratio Lower Upper
84 100
49 102.5 94.9 142.3
51 33.0 26.8 40.2
86 59.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.619 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075268.D

Acq: 14 Nov 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

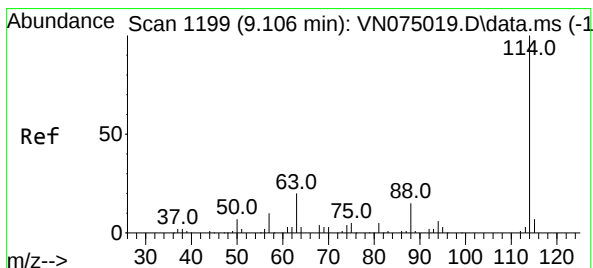
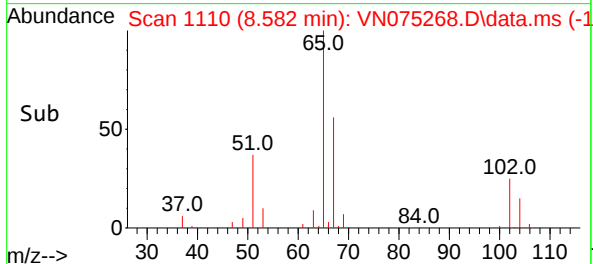
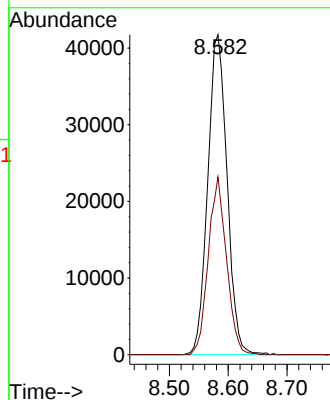
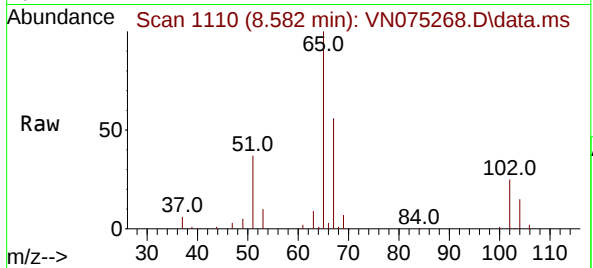
R-28

Tgt Ion: 65 Resp: 95361

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075268.D

Acq: 14 Nov 2022 16:27

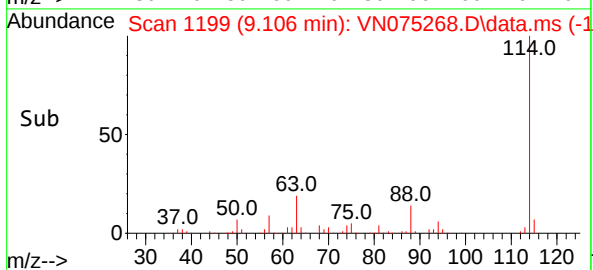
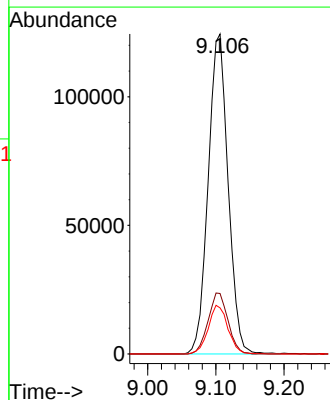
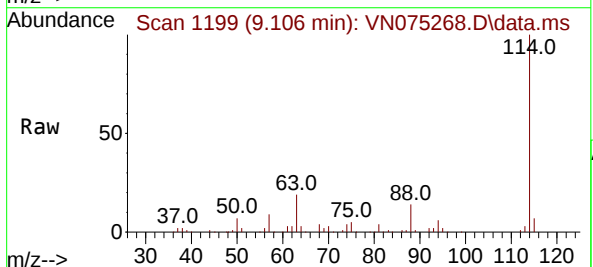
Tgt Ion: 114 Resp: 252349

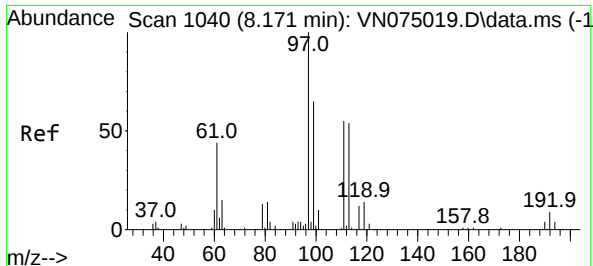
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.548 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075268.D

Acq: 14 Nov 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

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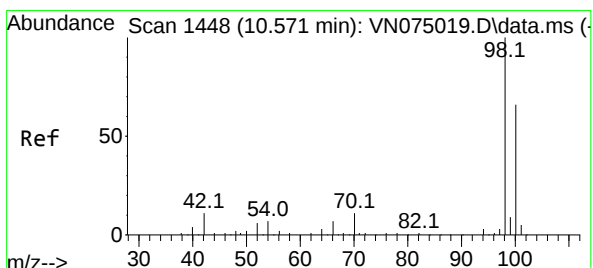
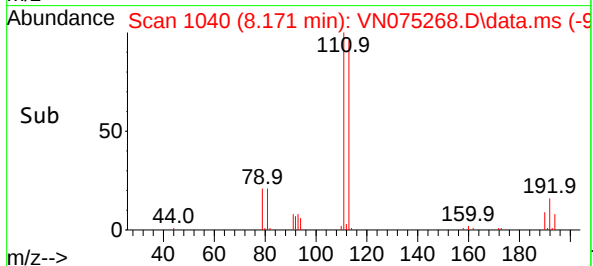
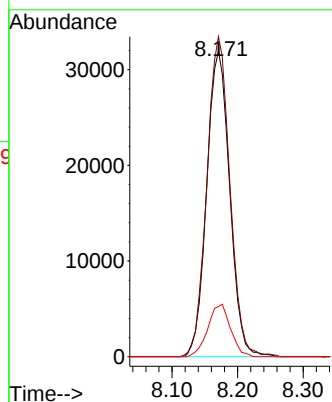
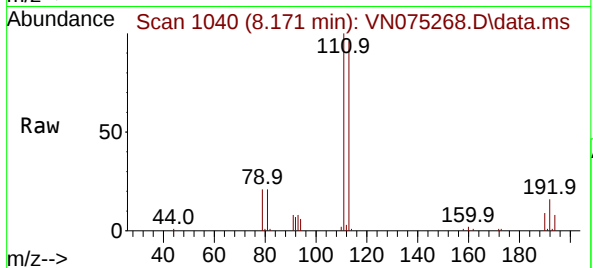
Tgt Ion:113 Resp: 77845

Ion Ratio Lower Upper

113 100

111 104.7 80.5 120.7

192 16.9 13.2 19.8



#50

Toluene-d8

Concen: 51.885 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN075268.D

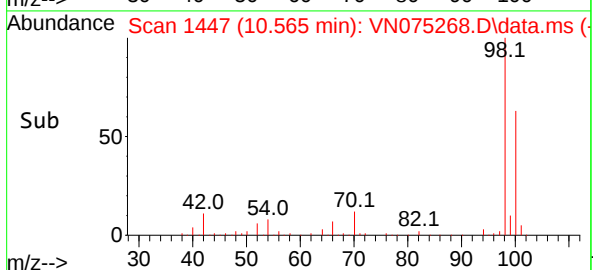
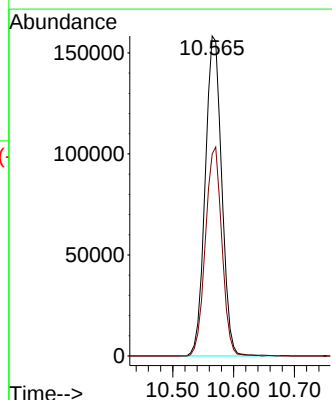
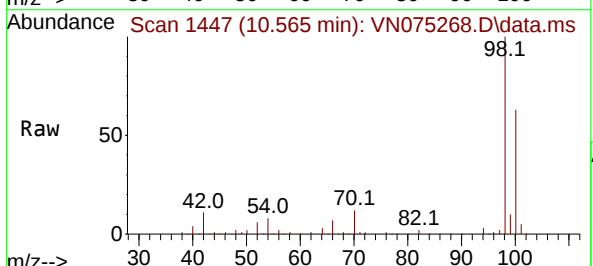
Acq: 14 Nov 2022 16:27

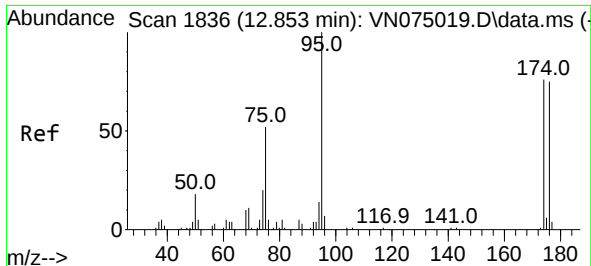
Tgt Ion: 98 Resp: 298206

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 46.963 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075268.D

Acq: 14 Nov 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

R-28

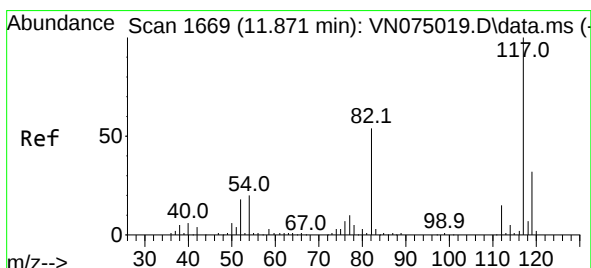
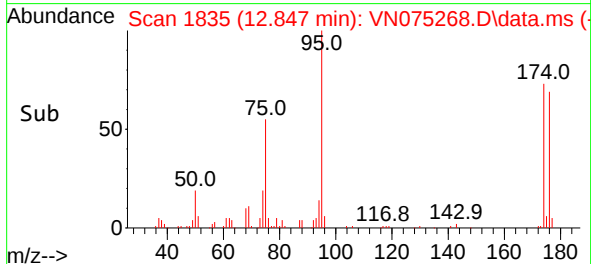
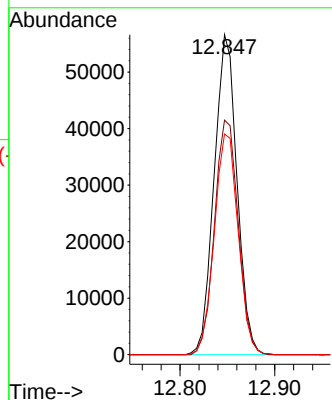
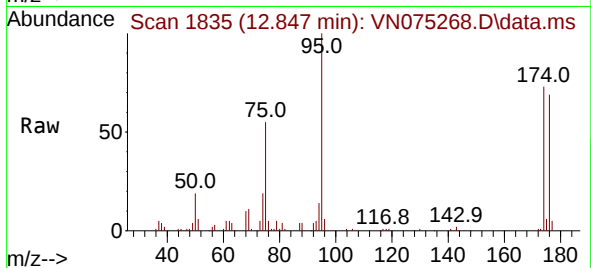
Tgt Ion: 95 Resp: 94817

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.4

176 72.2 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VN075268.D

Acq: 14 Nov 2022 16:27

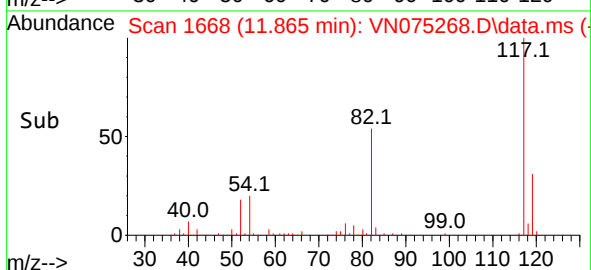
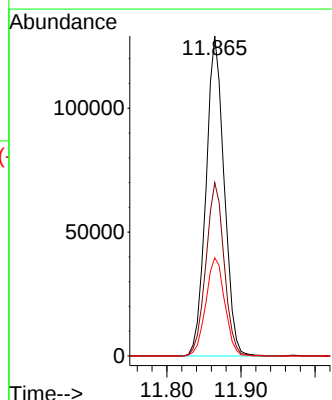
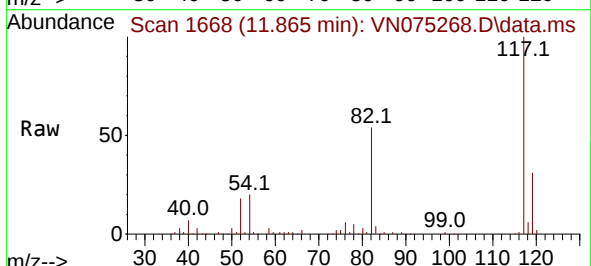
Tgt Ion: 117 Resp: 219253

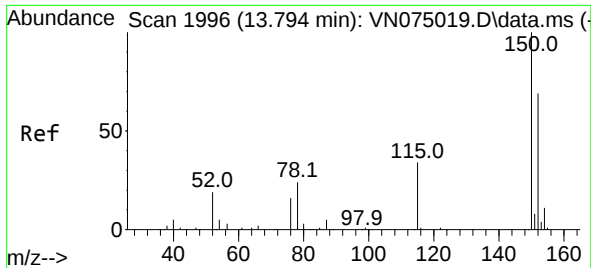
Ion Ratio Lower Upper

117 100

82 54.1 43.1 64.7

119 30.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VN075268.D

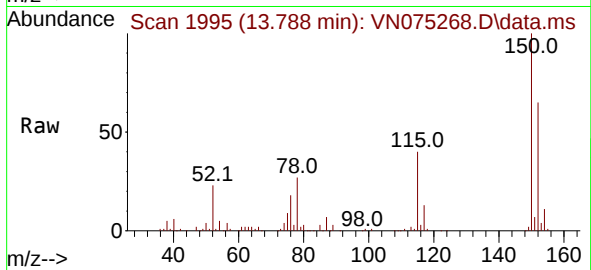
Acq: 14 Nov 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 92146

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 156.4 0.0 348.4

