

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075429.D
 Acq On : 25 Nov 2022 18:30
 Operator : JC\MD
 Sample : N5756-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D1-20221120

Quant Time: Nov 28 03:38:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

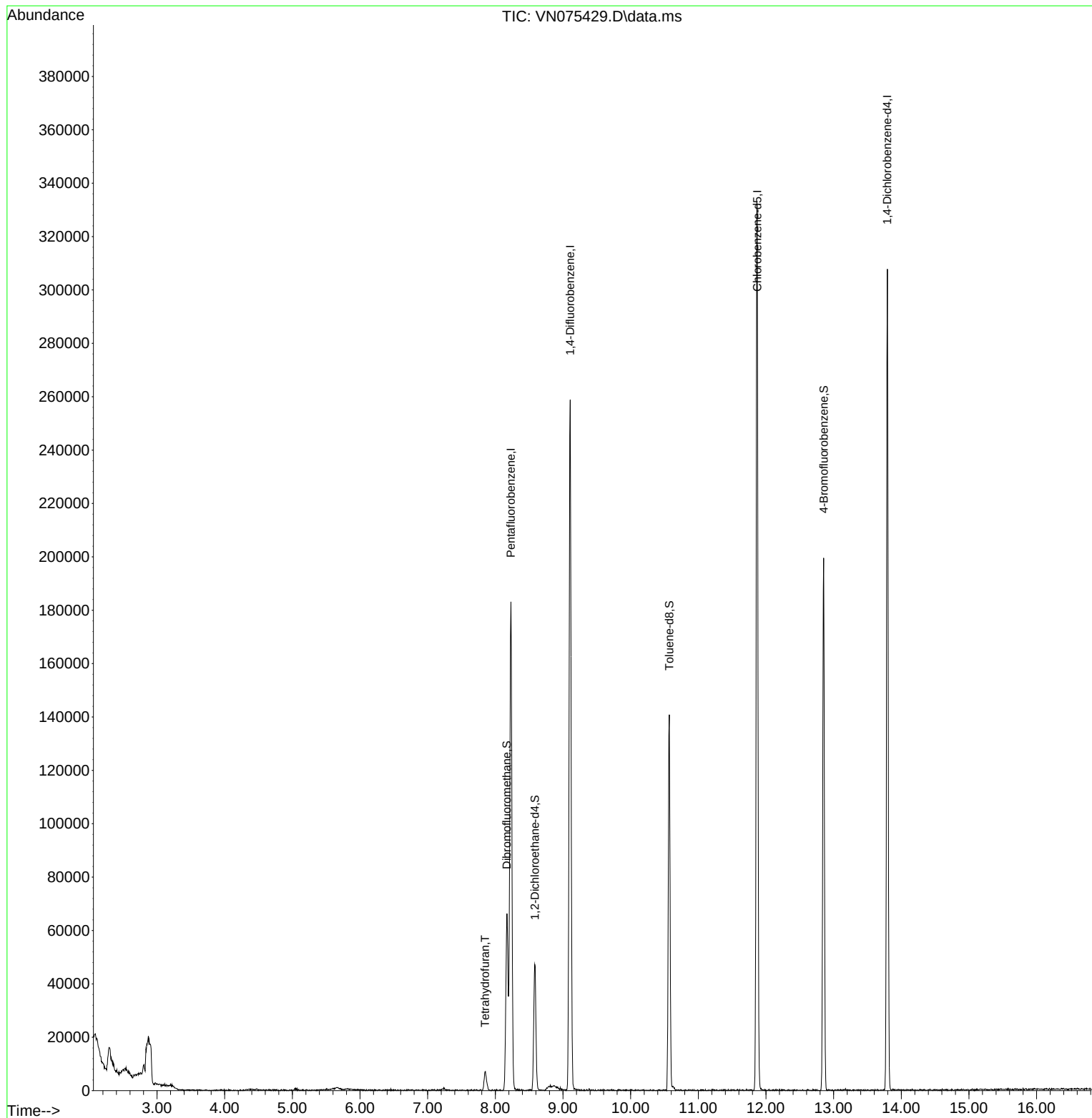
Internal Standards						
1) Pentafluorobenzene	8.229	168	138149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	241955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	209806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	38739	52.240	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.480%
35) Dibromofluoromethane	8.171	113	47140	49.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	10.570	98	100547	46.968	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.853	95	69157	43.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.540%
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.847	42	5477	9.324	ug/l	96

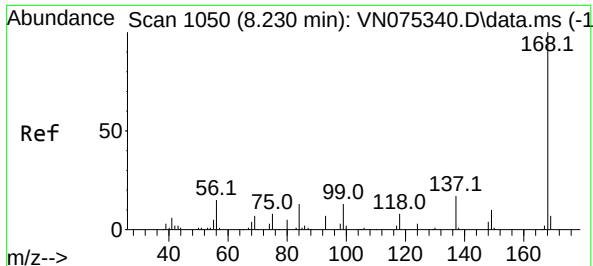
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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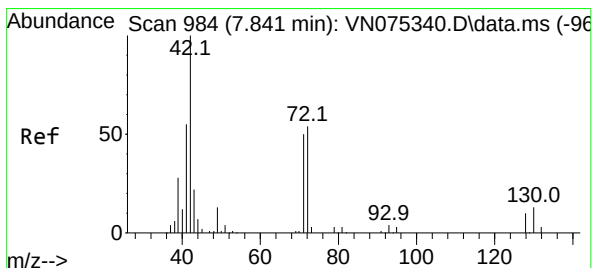
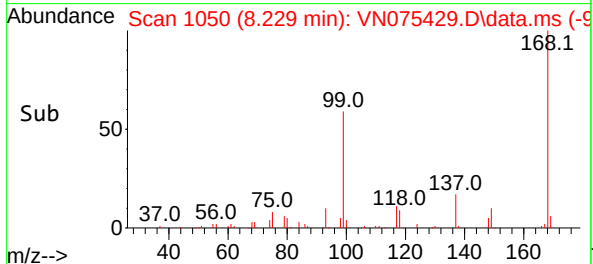
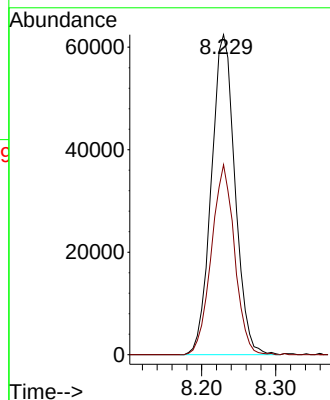
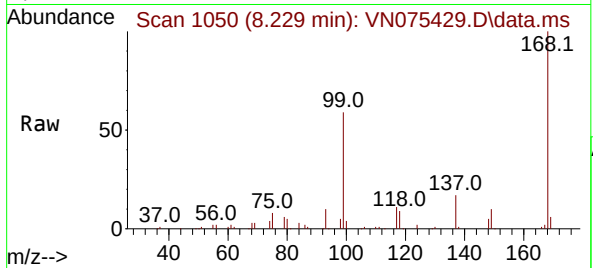




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

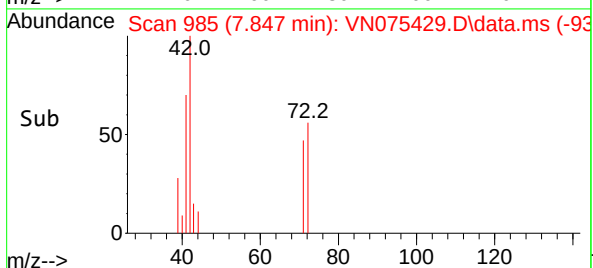
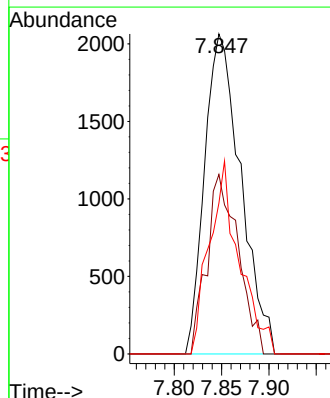
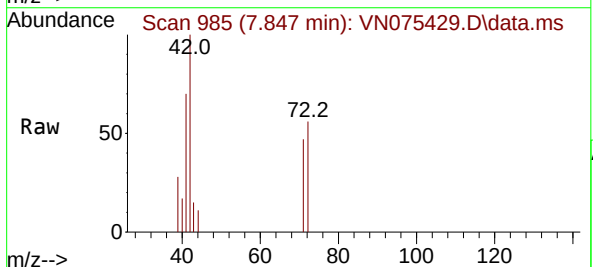
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D1-20221120

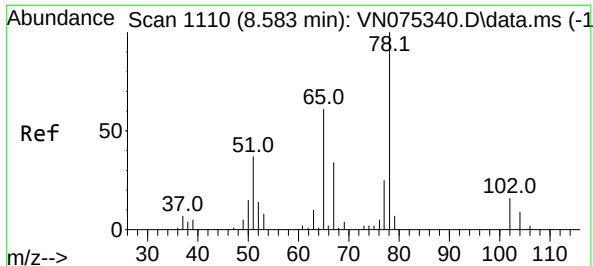
Tgt Ion:168 Resp: 138149
Ion Ratio Lower Upper
168 100
99 59.4 51.6 77.4



#29
Tetrahydrofuran
Concen: 9.324 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075429.D
Acq: 25 Nov 2022 18:30

Tgt Ion: 42 Resp: 5477
Ion Ratio Lower Upper
42 100
72 48.8 43.0 64.6
71 50.2 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 52.240 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

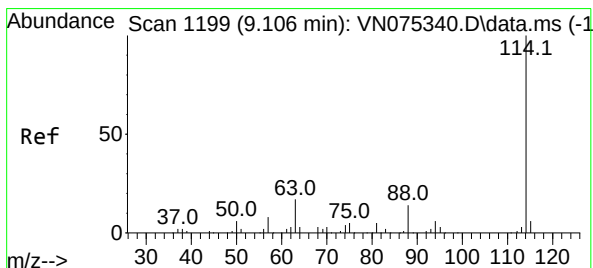
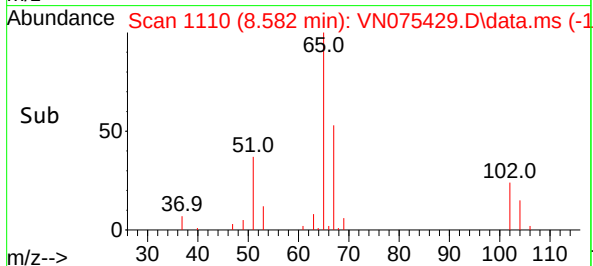
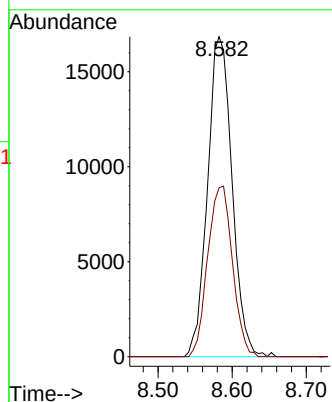
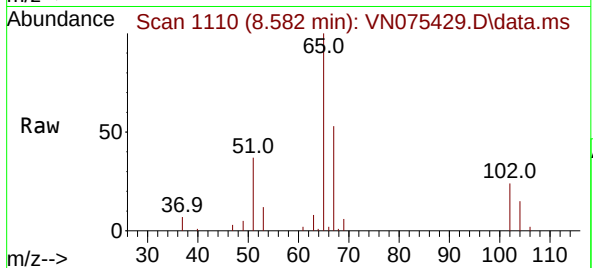
RW9-MW01D1-20221120

Tgt Ion: 65 Resp: 38739

Ion Ratio Lower Upper

65 100

67 53.8 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: VN075429.D

Acq: 25 Nov 2022 18:30

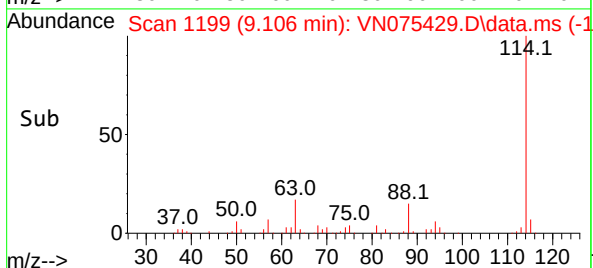
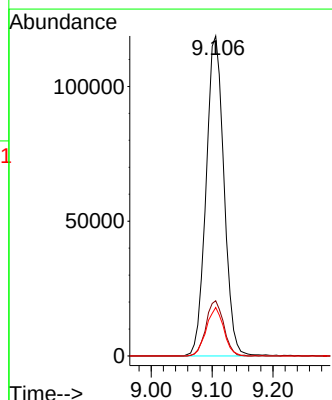
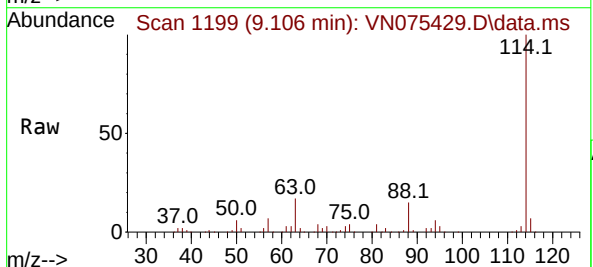
Tgt Ion: 114 Resp: 241955

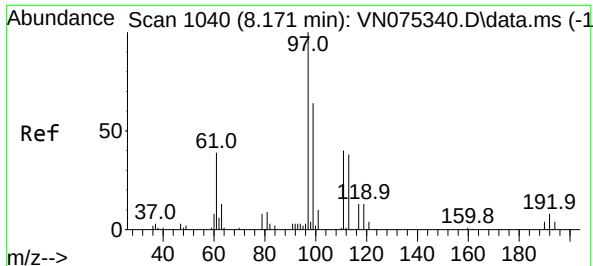
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.596 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D1-20221120

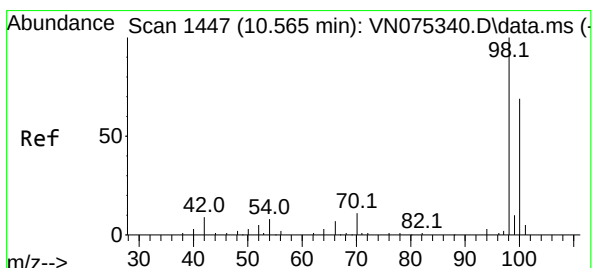
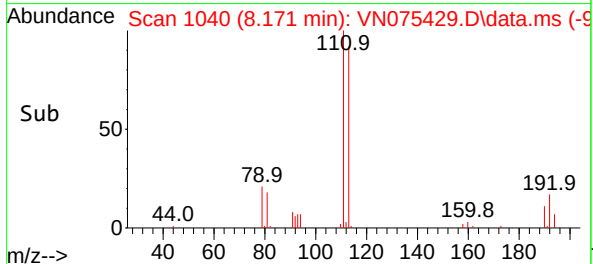
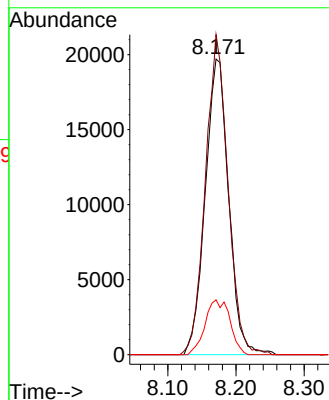
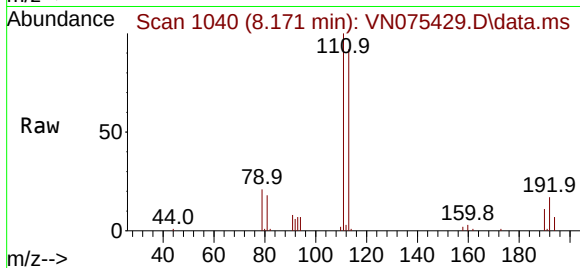
Tgt Ion:113 Resp: 47140

Ion Ratio Lower Upper

113 100

111 104.1 80.5 120.7

192 19.7 13.2 19.8



#50

Toluene-d8

Concen: 46.968 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075429.D

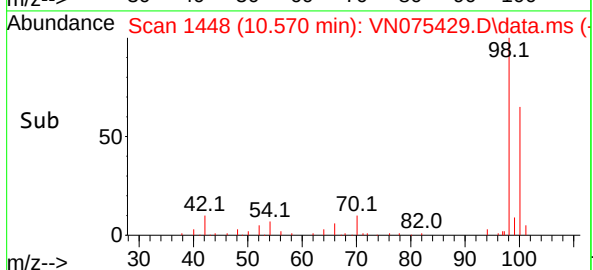
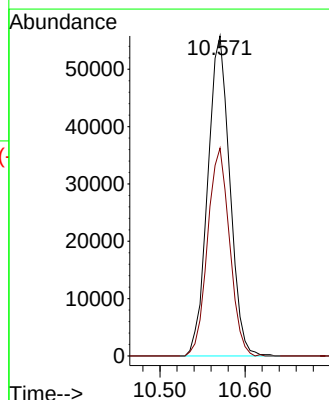
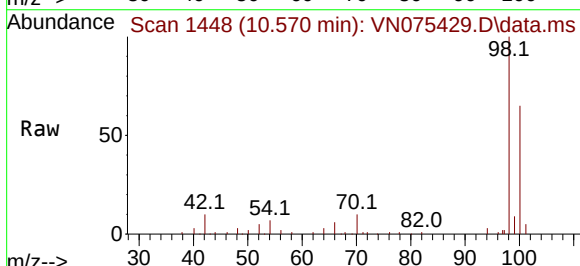
Acq: 25 Nov 2022 18:30

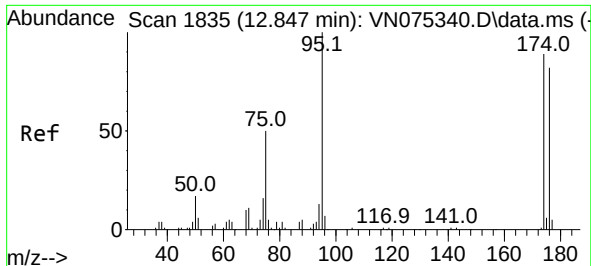
Tgt Ion: 98 Resp: 100547

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 43.767 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D1-20221120

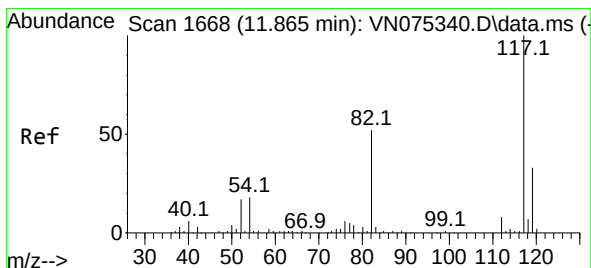
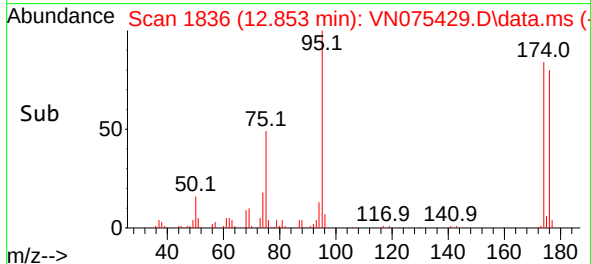
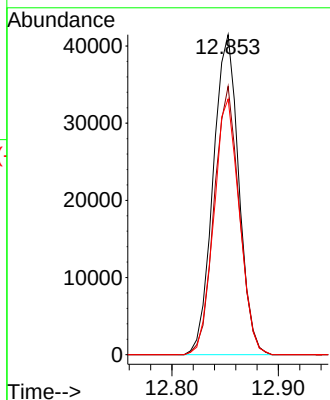
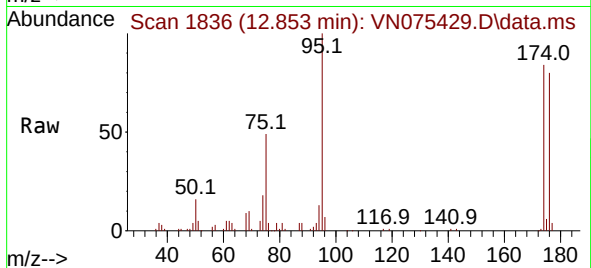
Tgt Ion: 95 Resp: 69157

Ion Ratio Lower Upper

95 100

174 82.2 0.0 147.4

176 79.7 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.005 min

Lab File: VN075429.D

Acq: 25 Nov 2022 18:30

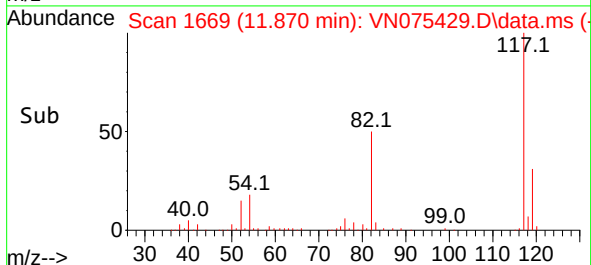
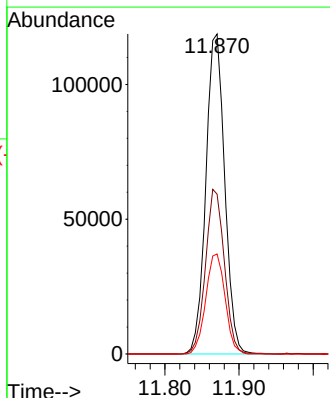
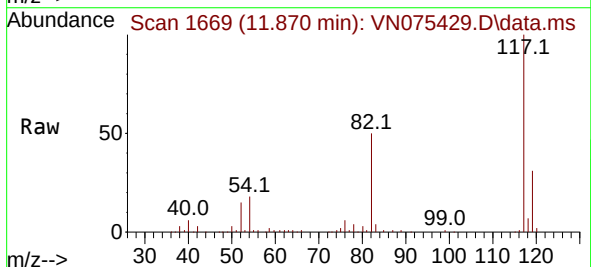
Tgt Ion: 117 Resp: 209806

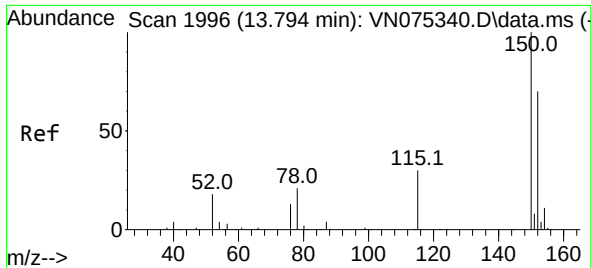
Ion Ratio Lower Upper

117 100

82 50.0 43.1 64.7

119 31.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075429.D

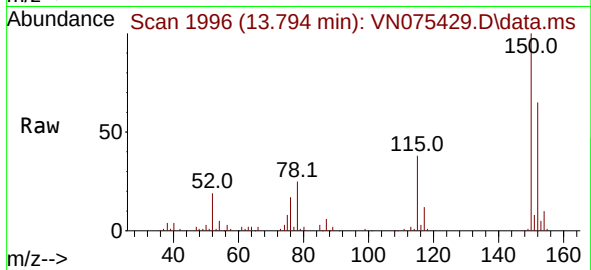
Acq: 25 Nov 2022 18:30

Instrument :

MSVOA_N

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Tgt Ion:152 Resp: 84652

Ion Ratio Lower Upper

152 100

115 61.2 30.2 90.6

150 160.2 0.0 348.4

