

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075430.D
 Acq On : 25 Nov 2022 18:54
 Operator : JC\MD
 Sample : N5756-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D2-20221120

Quant Time: Nov 28 03:38:36 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)

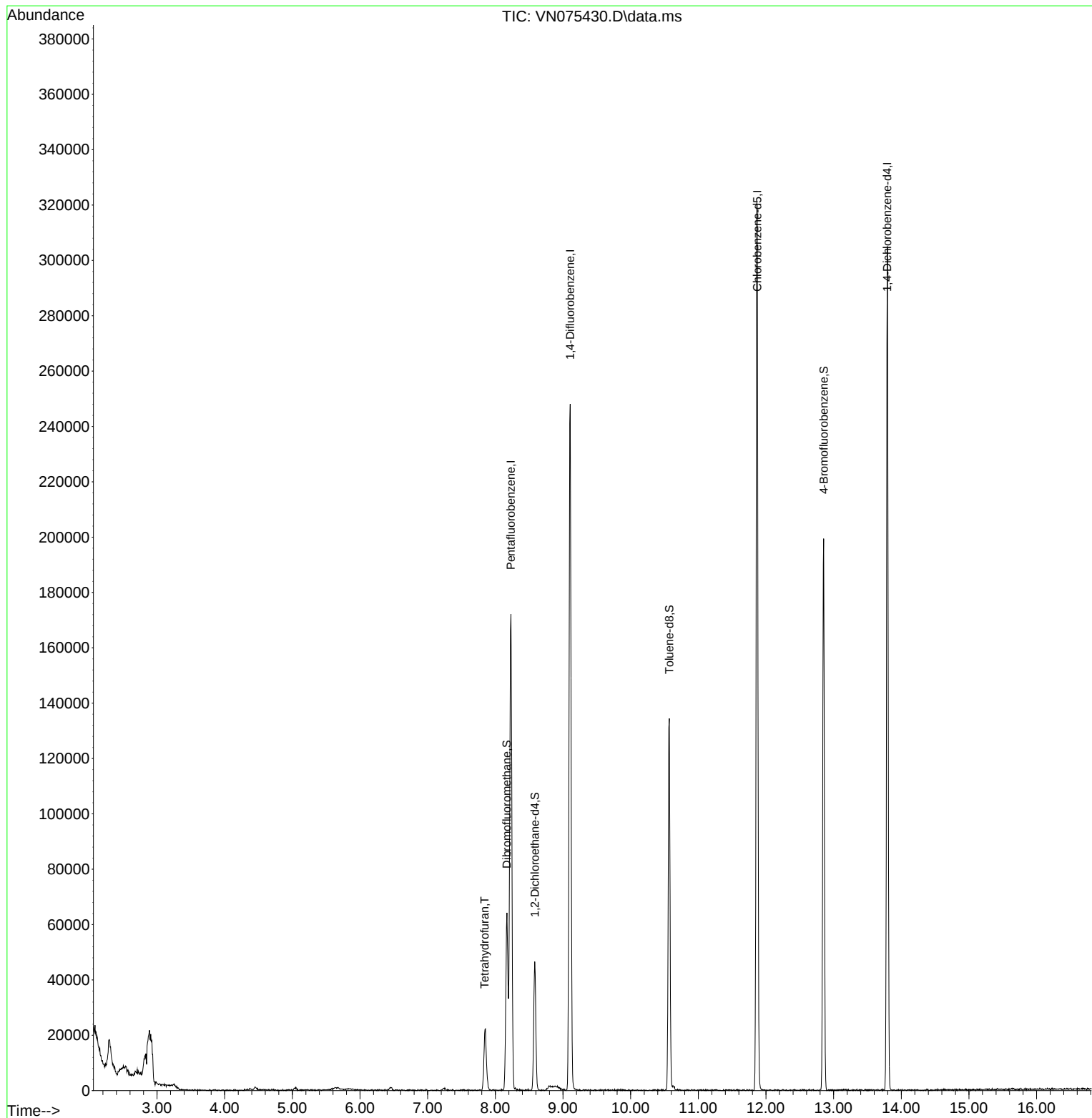
Internal Standards						
1) Pentafluorobenzene	8.230	168	133419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	202255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	37282	52.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.120%
35) Dibromofluoromethane	8.171	113	45377	49.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.571	98	96829	46.747	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.853	95	69010	45.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.280%
Target Compounds						
29) Tetrahydrofuran	7.841	42	15909	28.044	ug/l	Qvalue 99

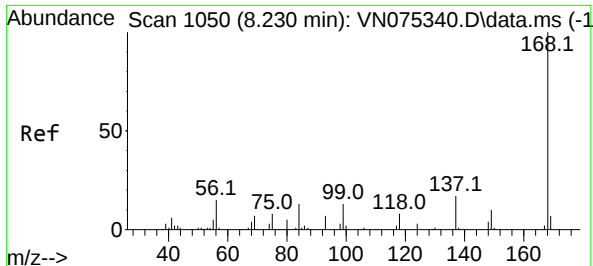
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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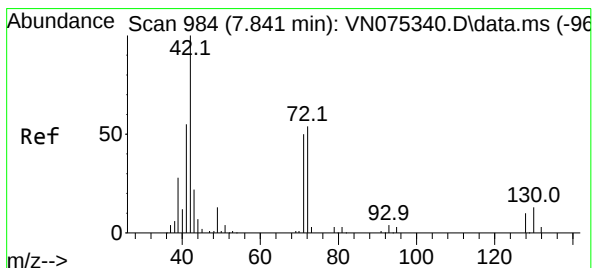
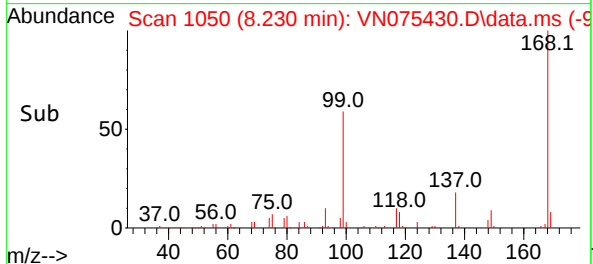
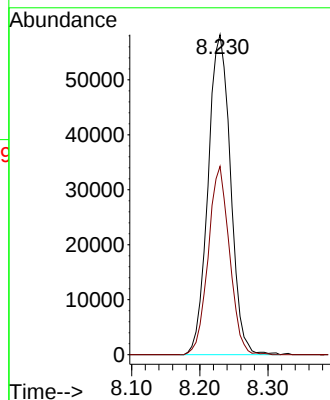
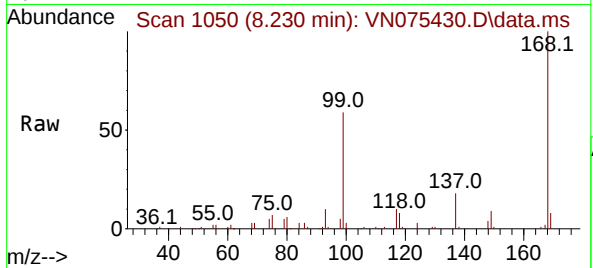




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

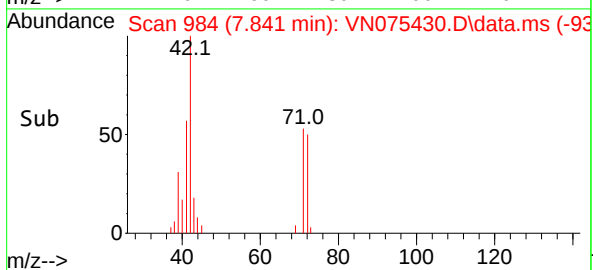
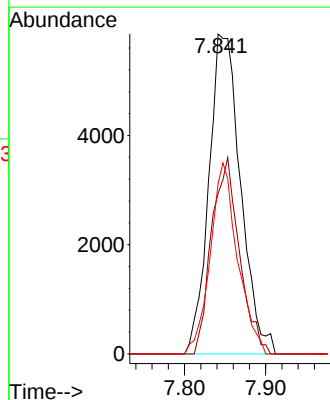
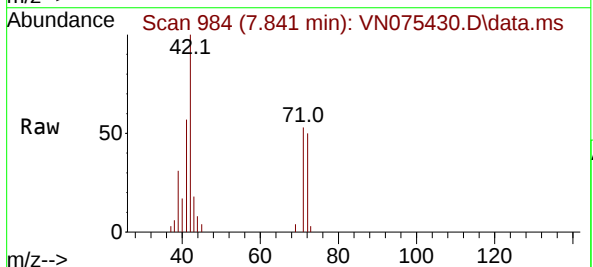
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

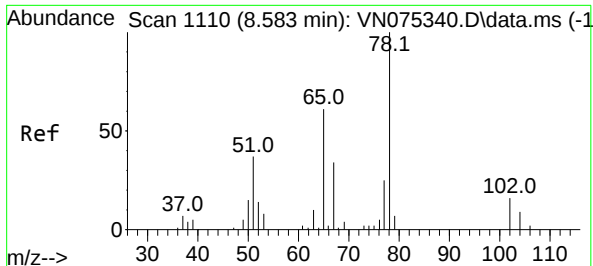
Tgt Ion:168 Resp: 133419
Ion Ratio Lower Upper
168 100
99 58.9 51.6 77.4



#29
Tetrahydrofuran
Concen: 28.044 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 42 Resp: 15909
Ion Ratio Lower Upper
42 100
72 53.8 43.0 64.6
71 51.4 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 52.057 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

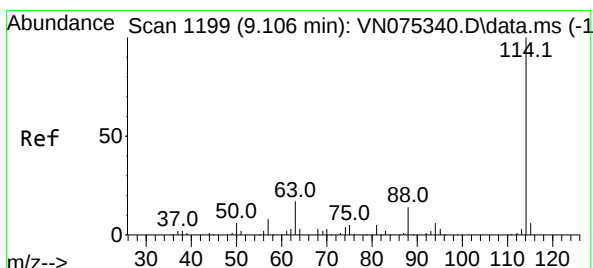
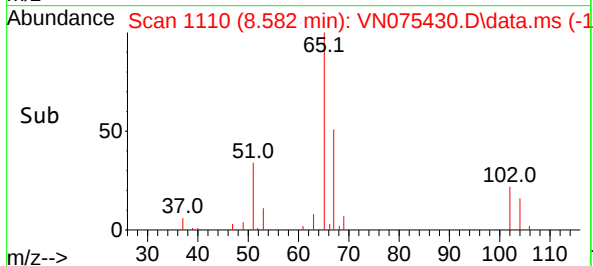
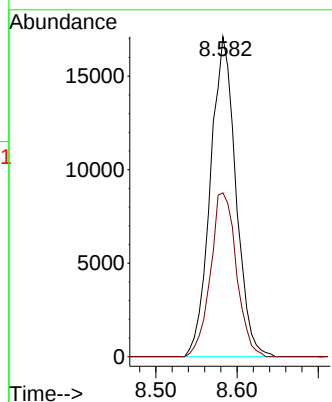
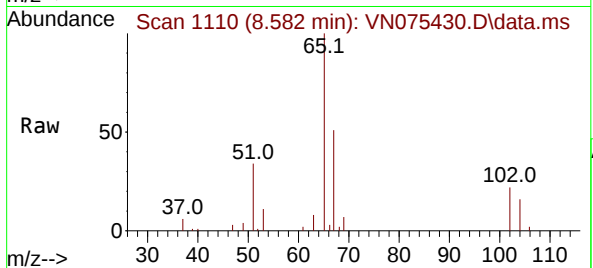
RW9-MW01D2-20221120

Tgt Ion: 65 Resp: 37282

Ion Ratio Lower Upper

65 100

67 52.1 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: VN075430.D

Acq: 25 Nov 2022 18:54

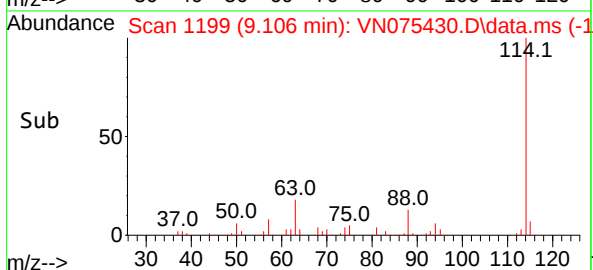
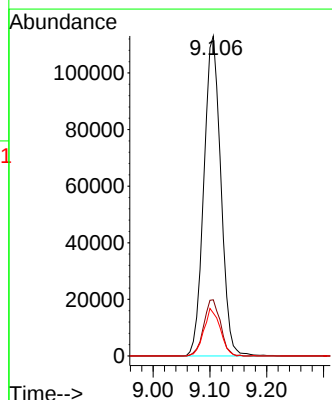
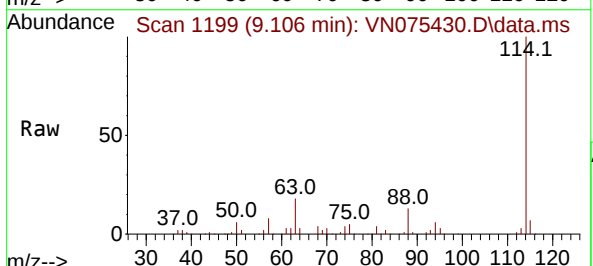
Tgt Ion: 114 Resp: 234112

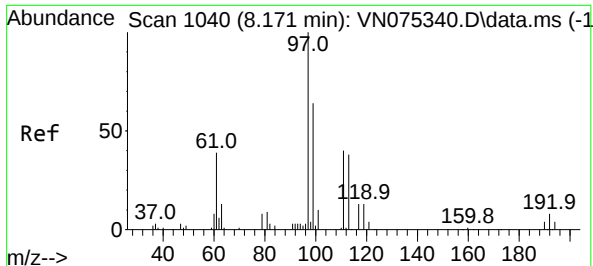
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 13.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.341 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D2-20221120

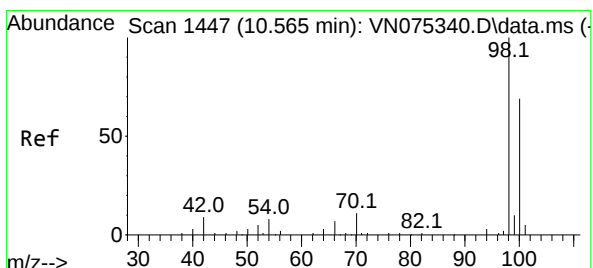
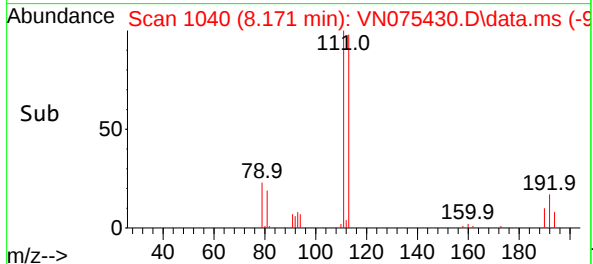
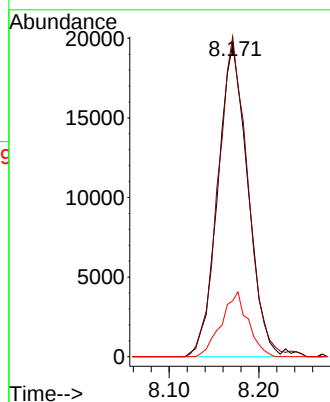
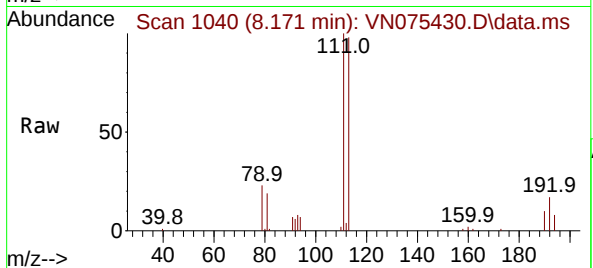
Tgt Ion:113 Resp: 45377

Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 18.5 13.2 19.8



#50

Toluene-d8

Concen: 46.747 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075430.D

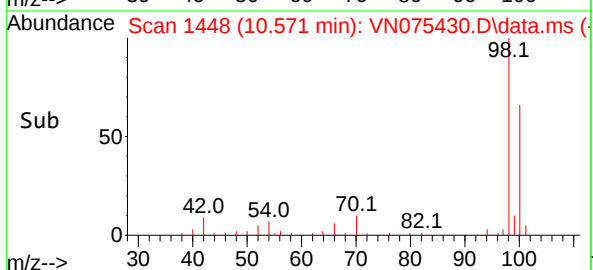
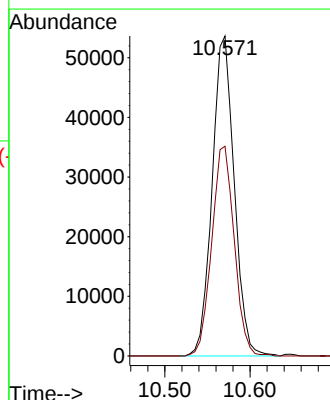
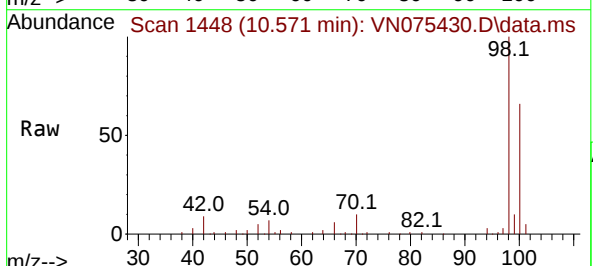
Acq: 25 Nov 2022 18:54

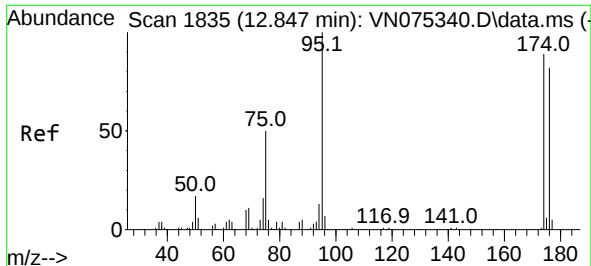
Tgt Ion: 98 Resp: 96829

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6

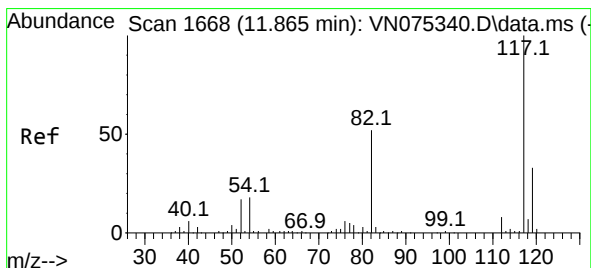
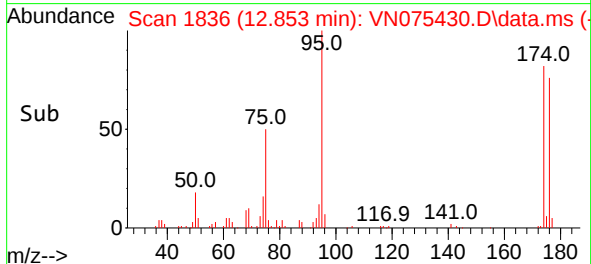
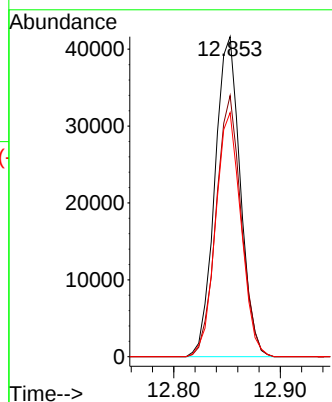
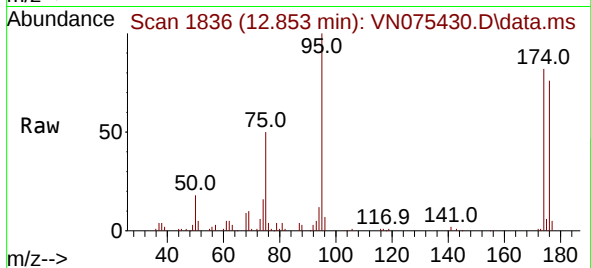




#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

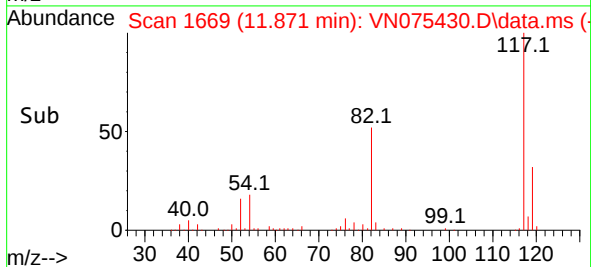
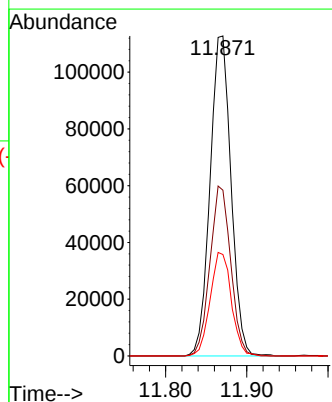
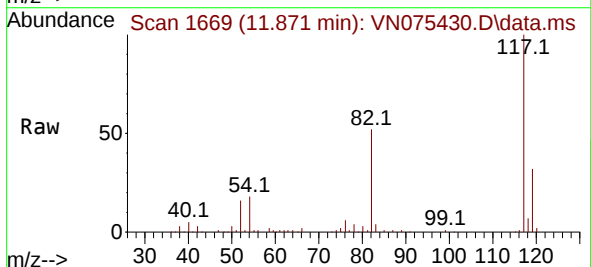
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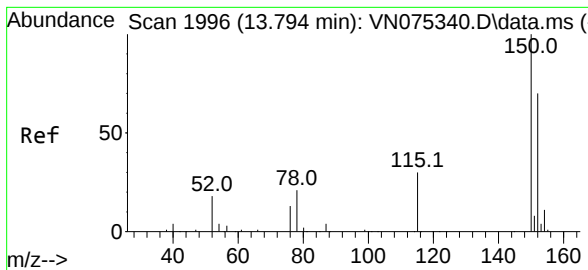
Tgt Ion: 95 Resp: 69010
Ion Ratio Lower Upper
95 100
174 80.4 0.0 147.4
176 76.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

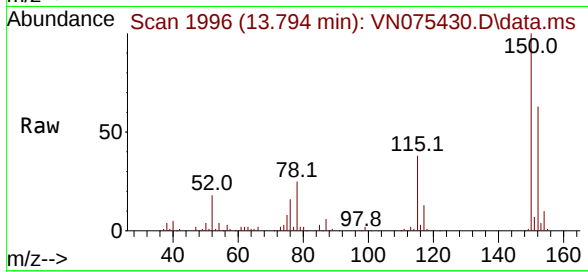
Tgt Ion: 117 Resp: 202255
Ion Ratio Lower Upper
117 100
82 51.8 43.1 64.7
119 31.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075430.D
 Acq: 25 Nov 2022 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D2-20221120



Tgt Ion:	152	Resp:	84021
Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.2	90.6
150	155.6	0.0	348.4

