

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078236.D
 Acq On : 15 Jun 2023 18:21
 Operator : JC\MD
 Sample : 03231-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-EQB-1-06122023

Quant Time: Jun 16 06:10:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

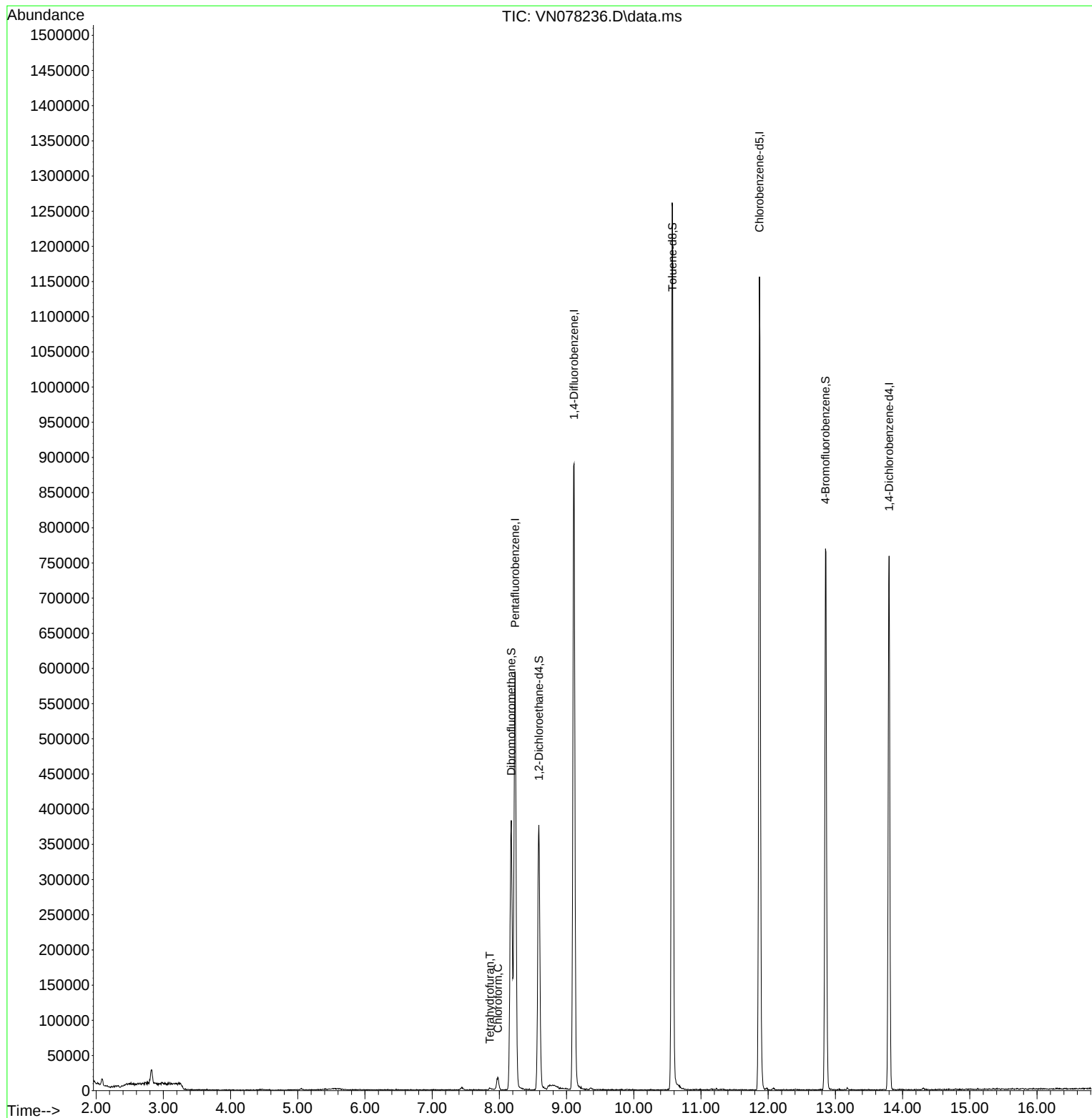
Internal Standards						
1) Pentafluorobenzene	8.235	168	417696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	786211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	678958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	205777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306766	55.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.177	113	272406	54.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.600%			
50) Toluene-d8	10.576	98	914076	47.697	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.400%			
62) 4-Bromofluorobenzene	12.853	95	274010	45.993	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.980%			
Target Compounds						
29) Tetrahydrofuran	7.859	42	1547	0.939	ug/l #	63
30) Chloroform	7.977	83	17814	1.915	ug/l	95

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

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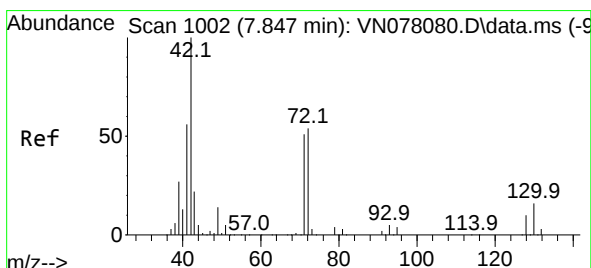
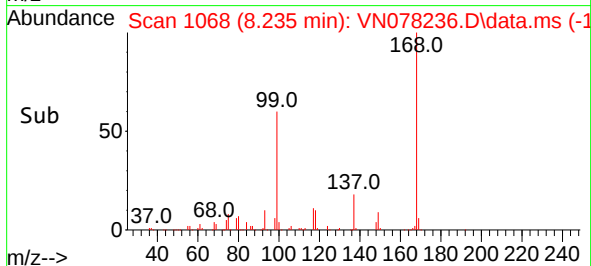
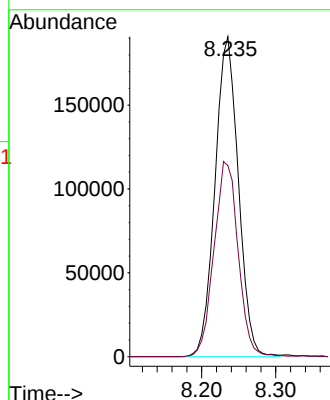
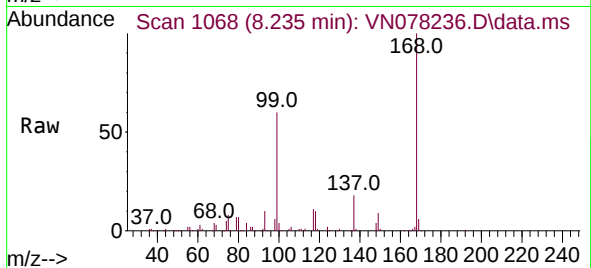




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078236.D
Acq: 15 Jun 2023 18:21

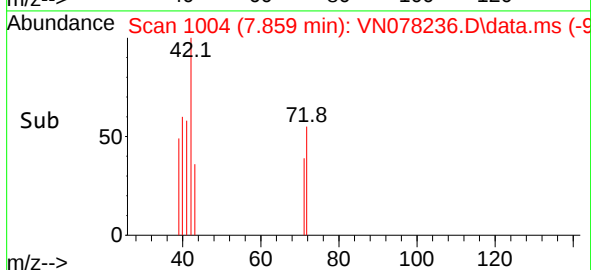
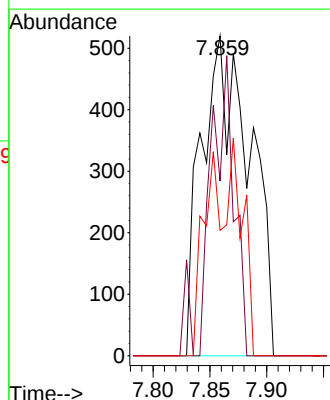
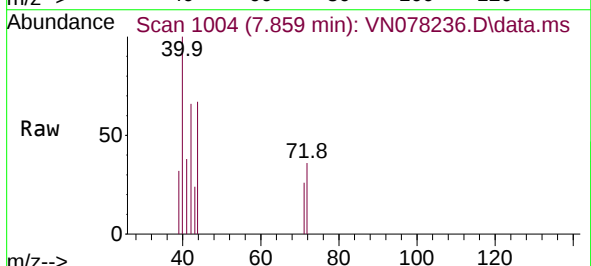
Instrument :
MSVOA_N
ClientSampleId :
FSND-EQB-1-06122023

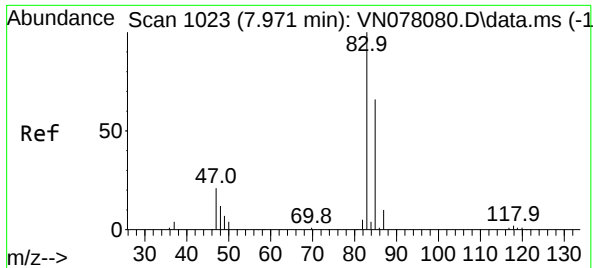
Tgt Ion:168 Resp: 417696
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6



#29
Tetrahydrofuran
Concen: 0.939 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078236.D
Acq: 15 Jun 2023 18:21

Tgt Ion: 42 Resp: 1547
Ion Ratio Lower Upper
42 100
72 42.7 49.8 74.6#
71 22.2 47.4 71.2#





#30

Chloroform

Concen: 1.915 ug/l

RT: 7.977 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN078236.D

Acq: 15 Jun 2023 18:21

Instrument :

MSVOA_N

ClientSampleId :

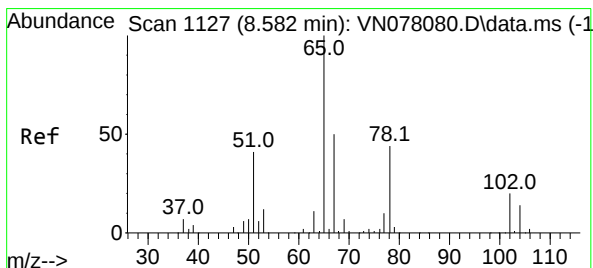
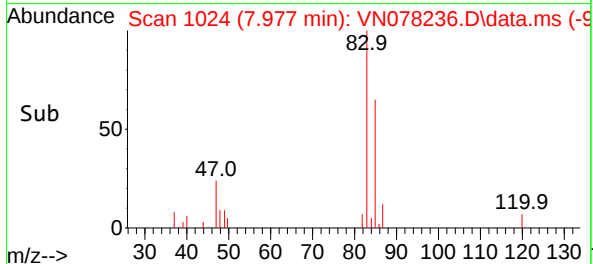
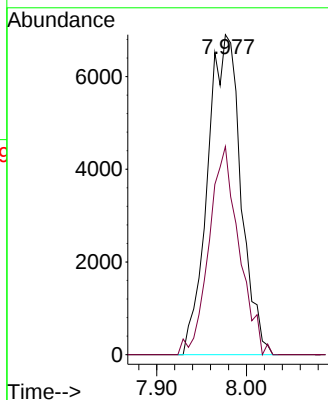
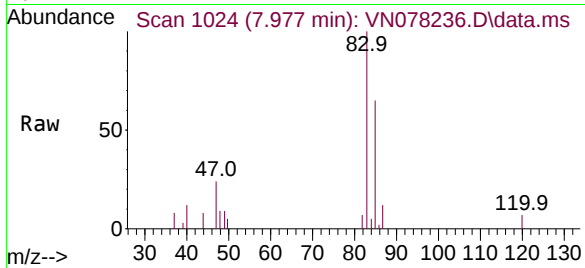
FSND-EQB-1-06122023

Tgt Ion: 83 Resp: 17814

Ion Ratio Lower Upper

83 100

85 65.0 55.4 83.0



#33

1,2-Dichloroethane-d4

Concen: 55.083 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078236.D

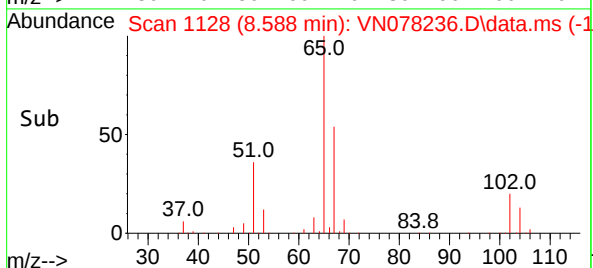
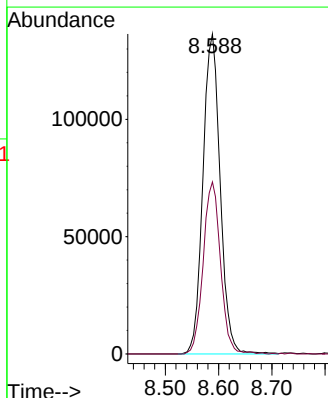
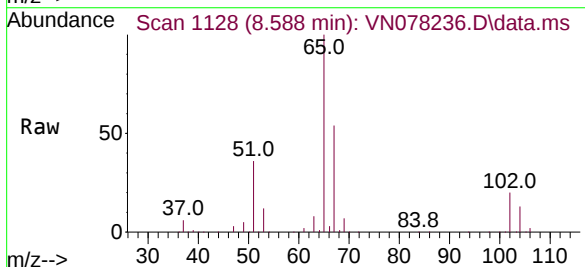
Acq: 15 Jun 2023 18:21

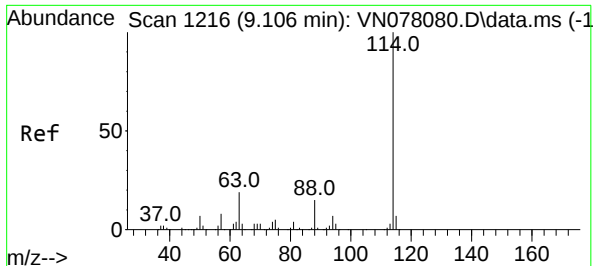
Tgt Ion: 65 Resp: 306766

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078236.D

Acq: 15 Jun 2023 18:21

Instrument :

MSVOA_N

ClientSampleId :

FSND-EQB-1-06122023

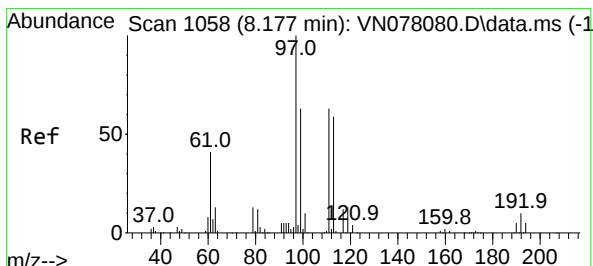
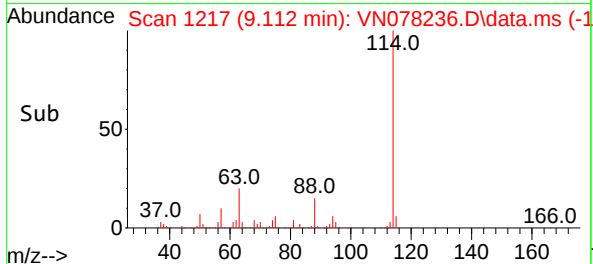
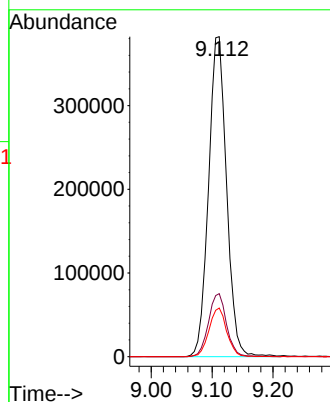
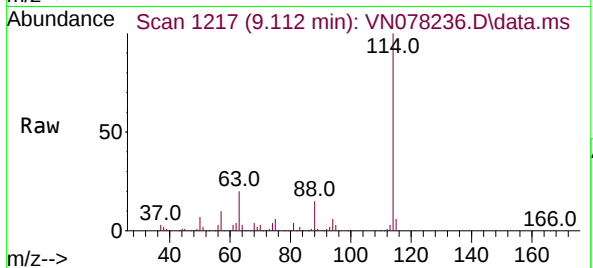
Tgt Ion:114 Resp: 786211

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.798 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078236.D

Acq: 15 Jun 2023 18:21

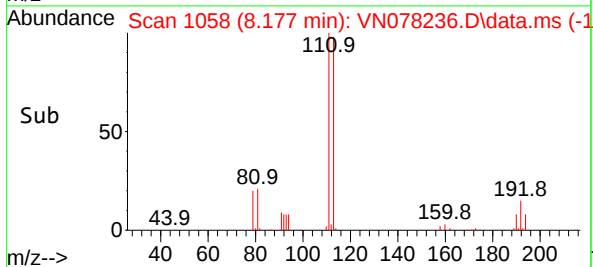
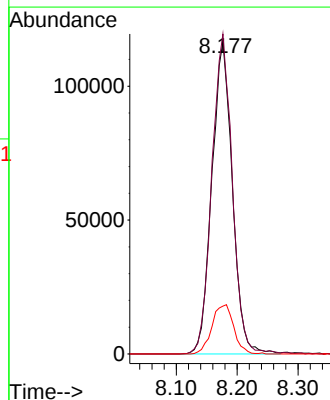
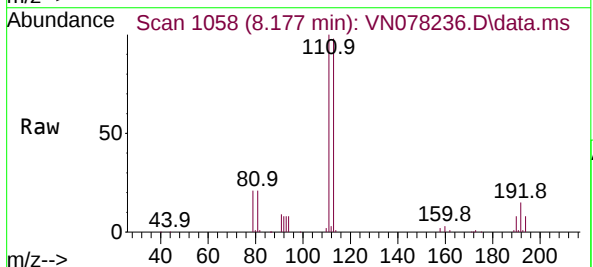
Tgt Ion:113 Resp: 272406

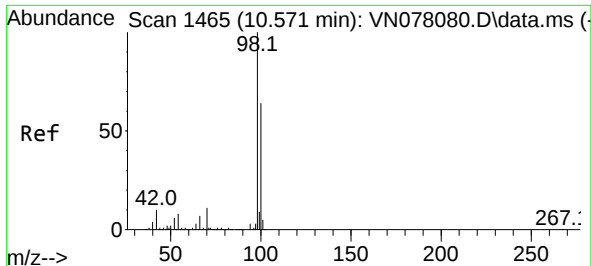
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 16.7 12.7 19.1

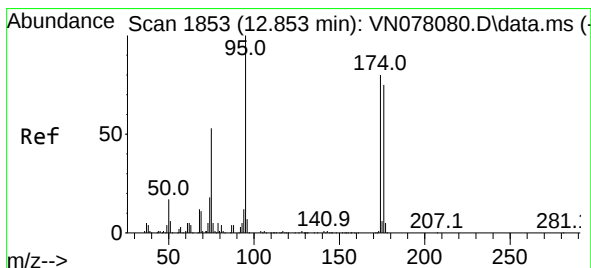
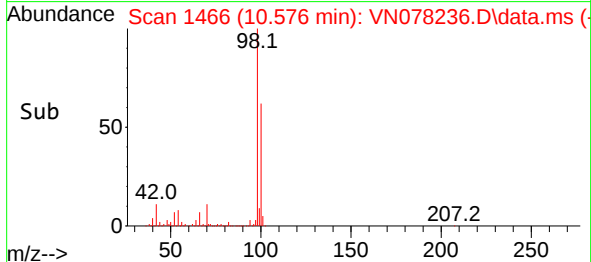
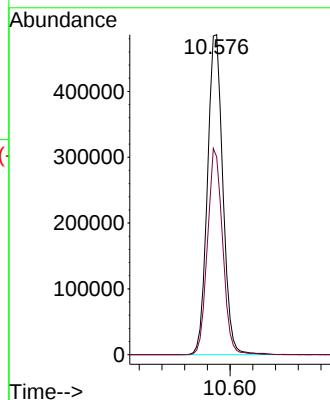
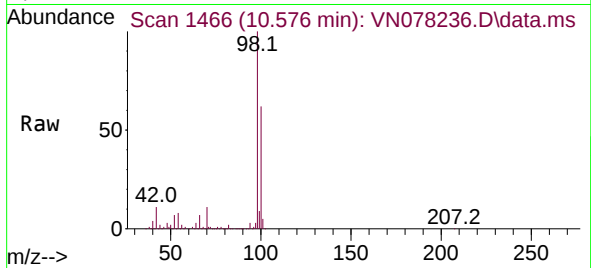




#50
Toluene-d8
Concen: 47.697 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078236.D
Acq: 15 Jun 2023 18:21

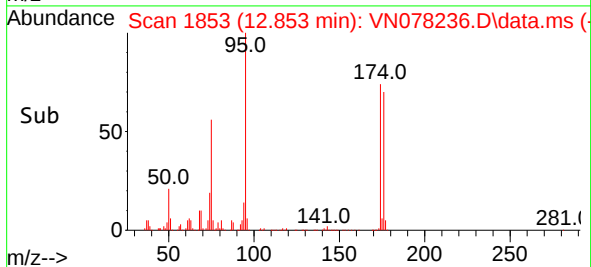
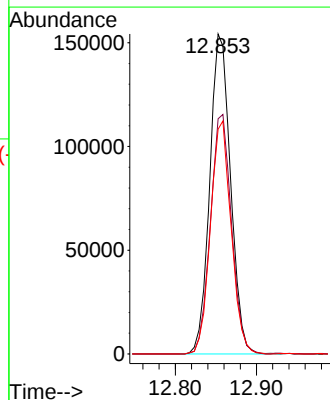
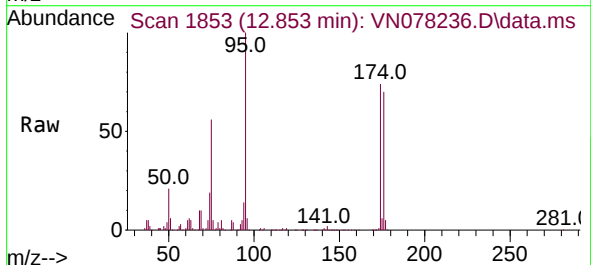
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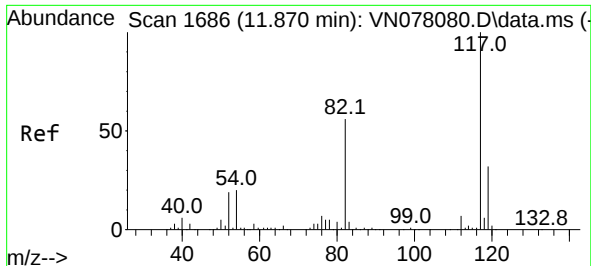
Tgt Ion: 98 Resp: 914076
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.993 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078236.D
Acq: 15 Jun 2023 18:21

Tgt Ion: 95 Resp: 274010
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 72.3 0.0 135.8

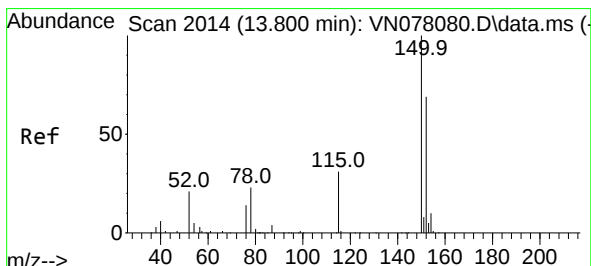
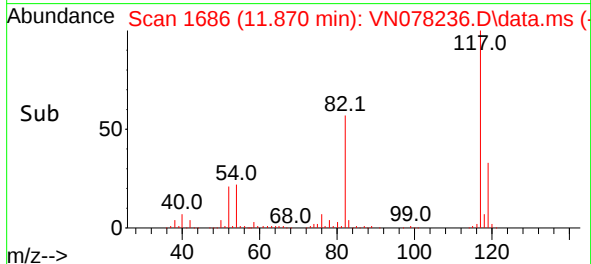
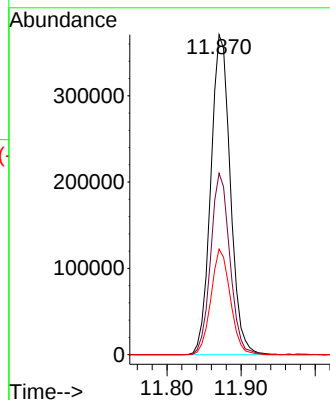
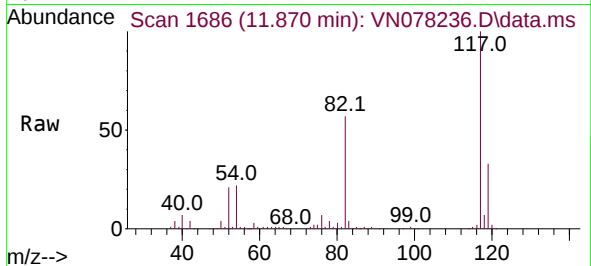




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078236.D
Acq: 15 Jun 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
FSND-EQB-1-06122023

Tgt Ion:117 Resp: 678958
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078236.D
Acq: 15 Jun 2023 18:21

Tgt Ion:152 Resp: 205777
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 155.8 0.0 355.8

