

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078235.D
 Acq On : 15 Jun 2023 17:57
 Operator : JC\MD
 Sample : 03231-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-DUP-2-06132023

Quant Time: Jun 16 06:10:17 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)

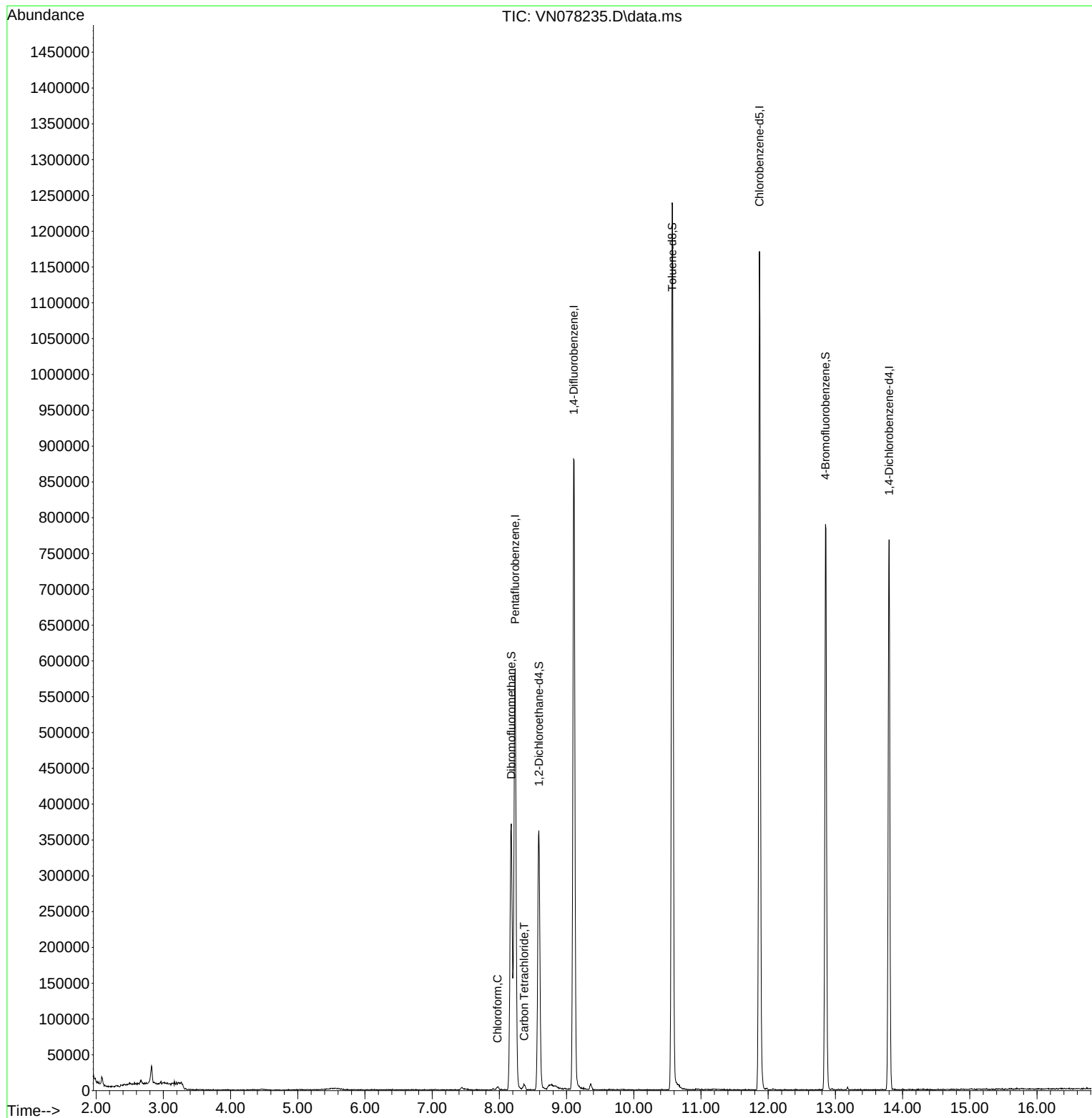
Internal Standards						
1) Pentafluorobenzene	8.235	168	418666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	787448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	689455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306512	54.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.820%			
35) Dibromofluoromethane	8.177	113	271647	54.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.120%			
50) Toluene-d8	10.570	98	917610	47.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.853	95	279316	46.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.620%			
Target Compounds						
30) Chloroform	7.971	83	3944	0.423	ug/l #	76
38) Carbon Tetrachloride	8.371	117	4913	0.652	ug/l #	66

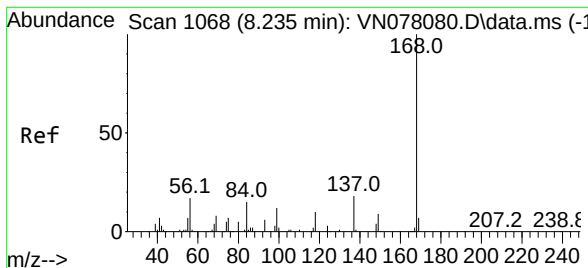
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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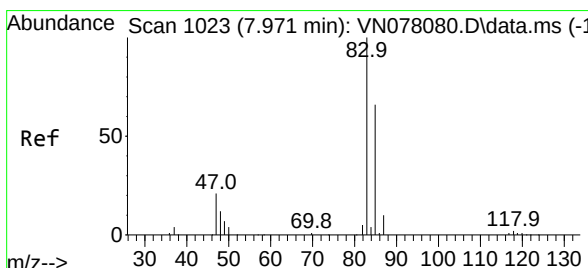
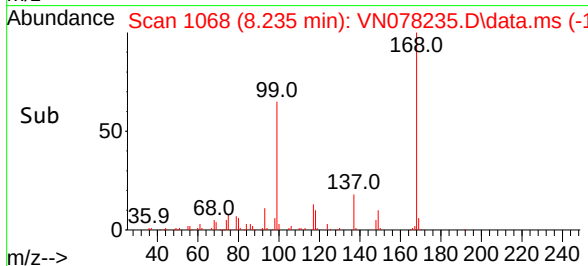
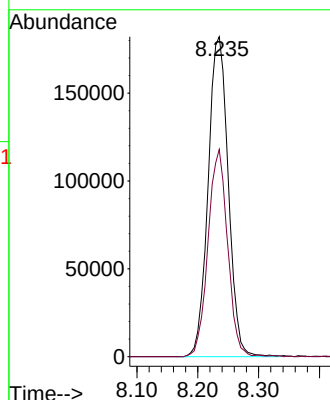
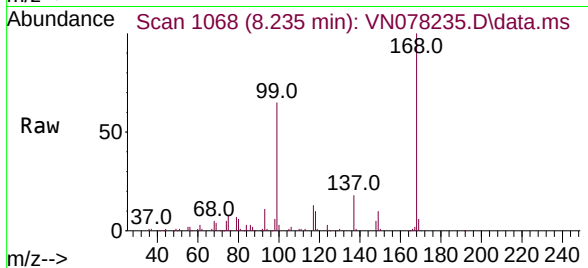




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

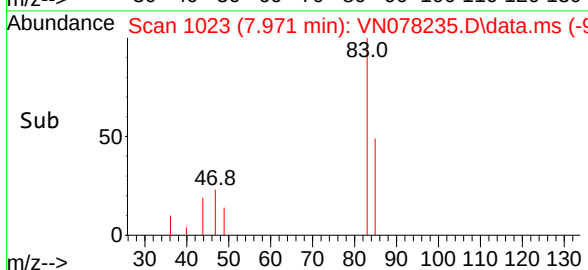
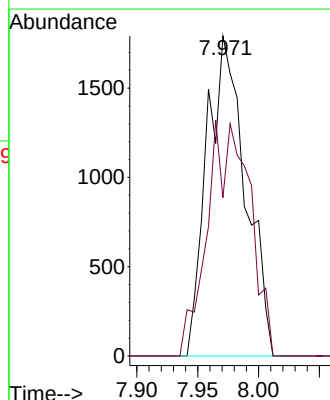
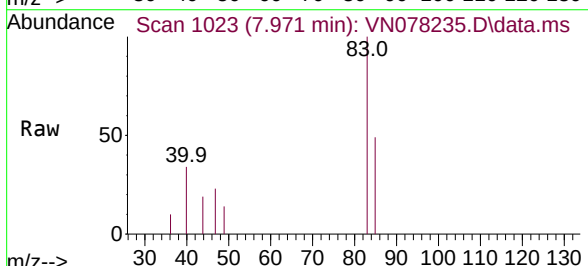
Instrument :
MSVOA_N
ClientSampleId :
FSND-DUP-2-06132023

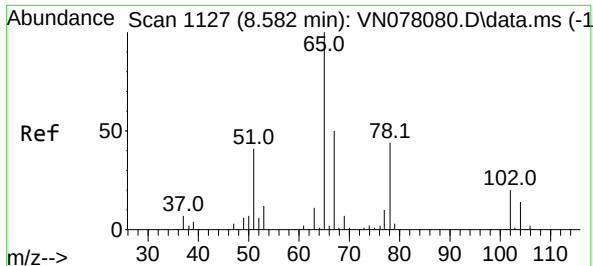
Tgt Ion:168 Resp: 418666
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#30
Chloroform
Concen: 0.423 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

Tgt Ion: 83 Resp: 3944
Ion Ratio Lower Upper
83 100
85 49.4 55.4 83.0#





#33

1,2-Dichloroethane-d4

Concen: 54.910 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078235.D

Acq: 15 Jun 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

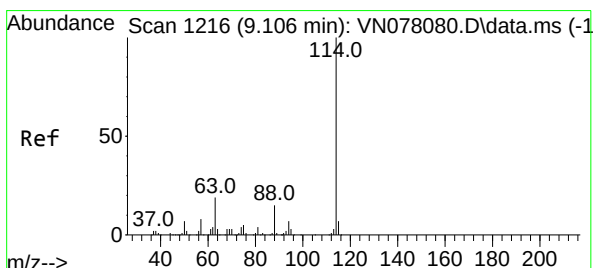
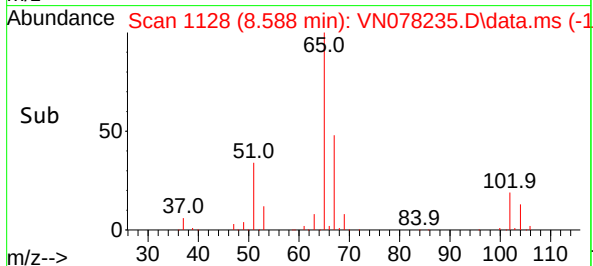
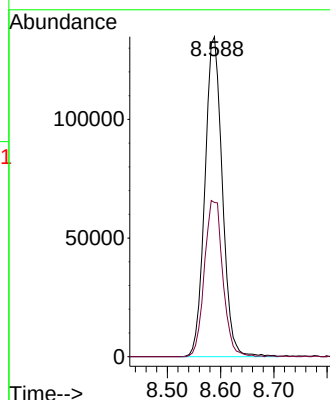
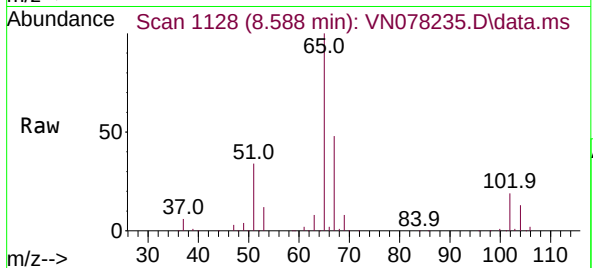
FSND-DUP-2-06132023

Tgt Ion: 65 Resp: 306512

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078235.D

Acq: 15 Jun 2023 17:57

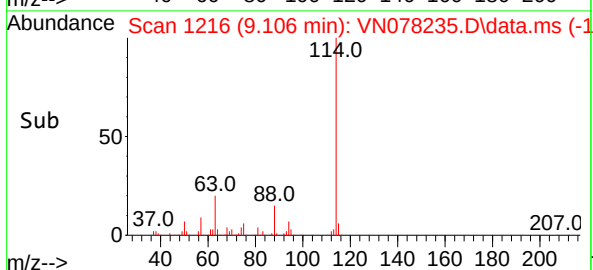
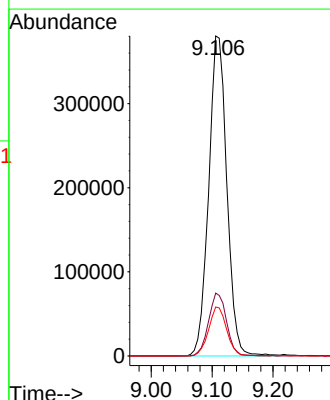
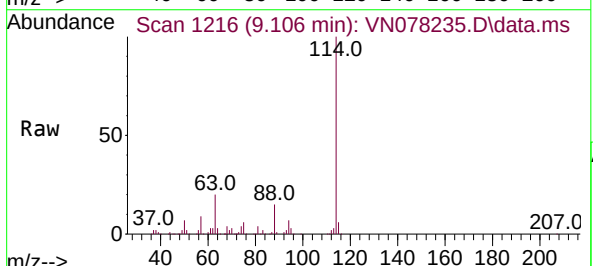
Tgt Ion: 114 Resp: 787448

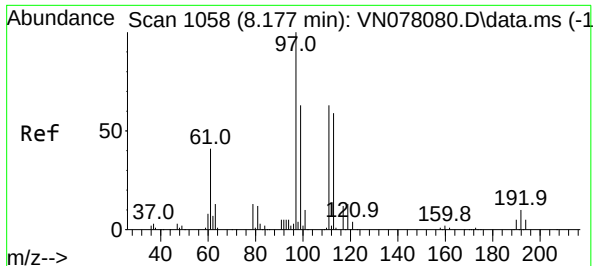
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.3 0.0 30.6

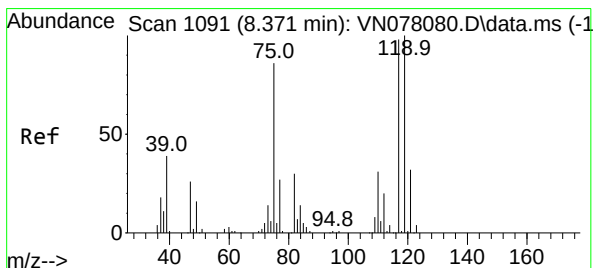
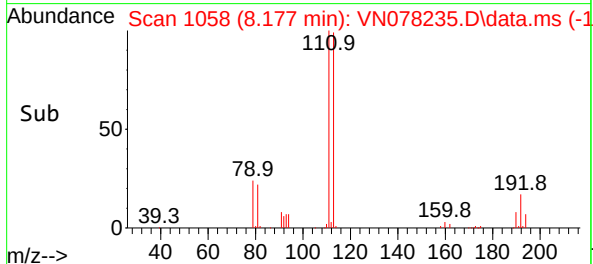
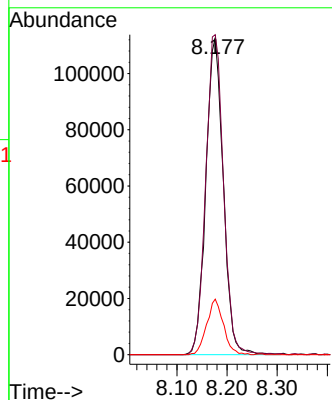
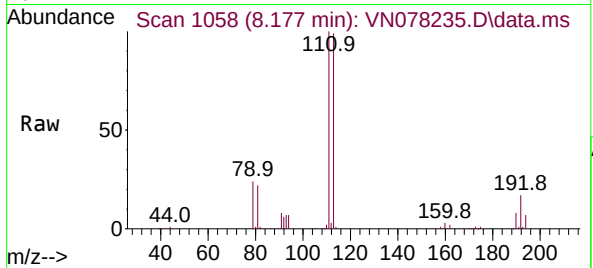




#35
Dibromofluoromethane
Concen: 54.559 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

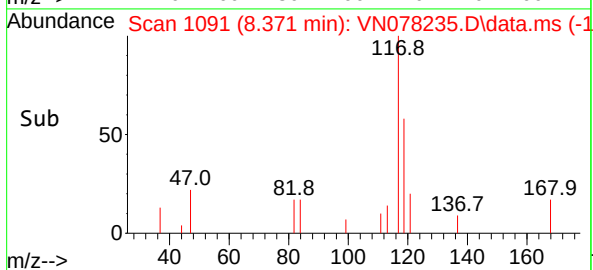
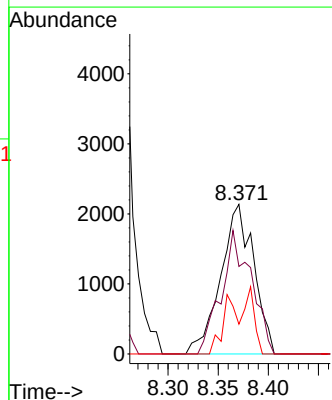
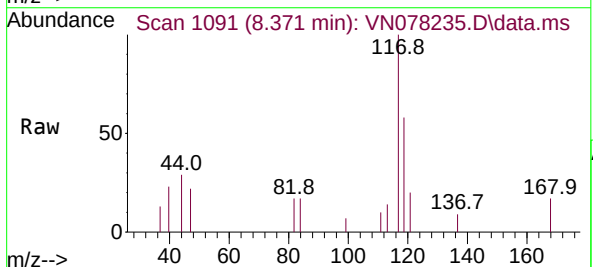
Instrument :
MSVOA_N
ClientSampleId :
FSND-DUP-2-06132023

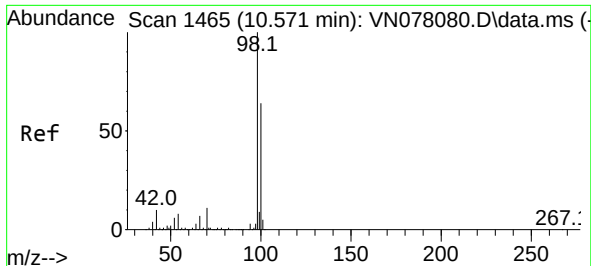
Tgt Ion:113 Resp: 271647
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 16.9 12.7 19.1



#38
Carbon Tetrachloride
Concen: 0.652 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

Tgt Ion:117 Resp: 4913
Ion Ratio Lower Upper
117 100
119 58.5 77.3 115.9#
121 19.9 23.3 34.9#

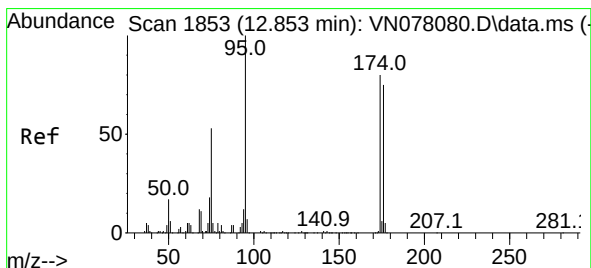
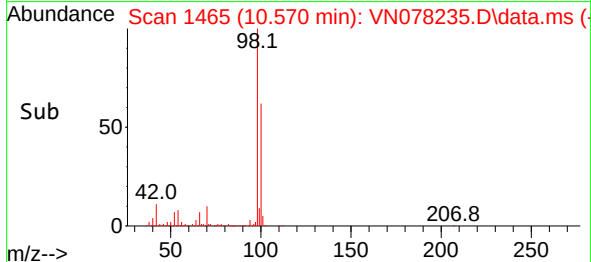
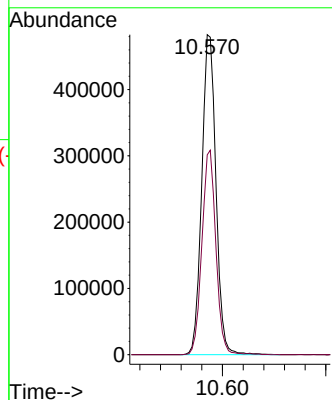
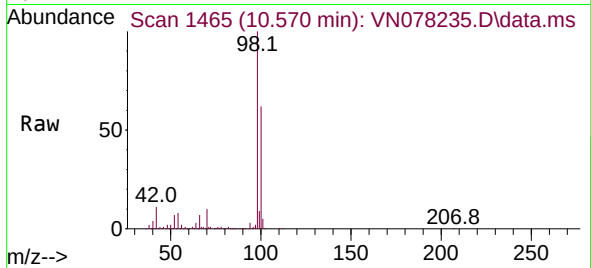




#50
Toluene-d8
Concen: 47.806 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

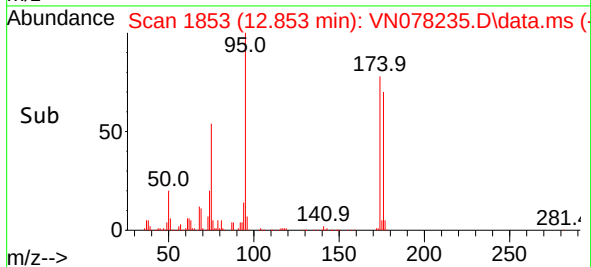
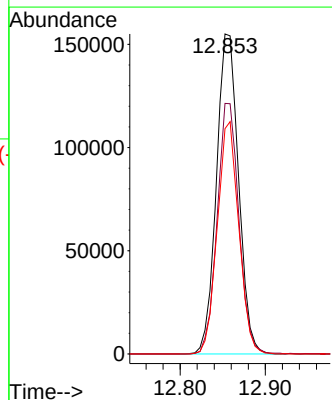
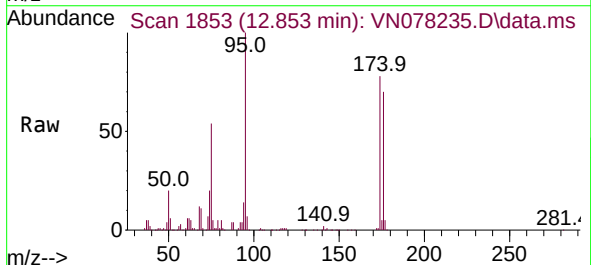
Instrument :
MSVOA_N
ClientSampleId :
FSND-DUP-2-06132023

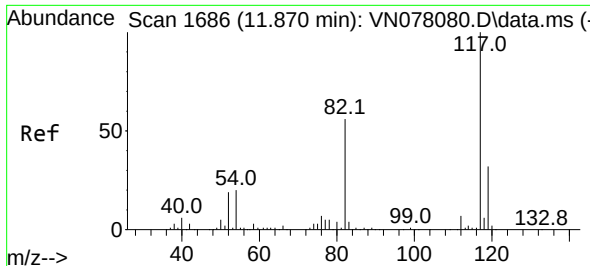
Tgt Ion: 98 Resp: 917610
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.810 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

Tgt Ion: 95 Resp: 279316
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 70.5 0.0 135.8

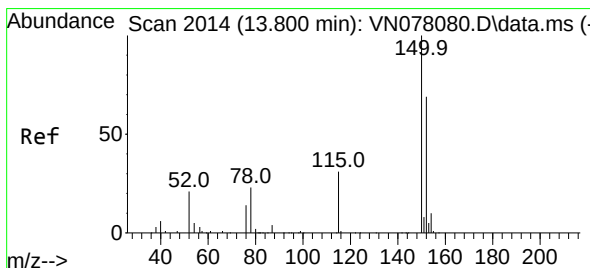
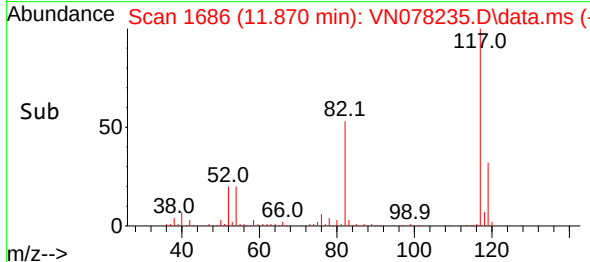
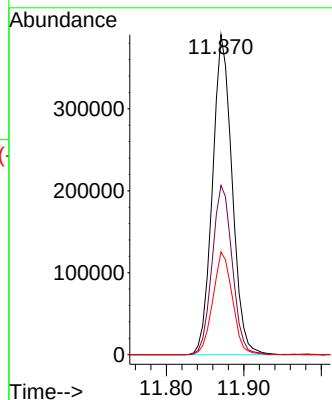
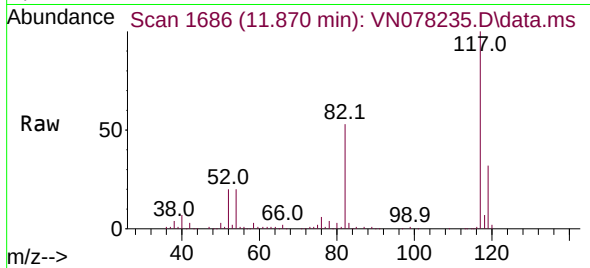




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
FSND-DUP-2-06132023

Tgt Ion:117 Resp: 689455
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1204
Delta R.T. -0.000 min
Lab File: VN078235.D
Acq: 15 Jun 2023 17:57

Tgt Ion:152 Resp: 209629
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 157.2 0.0 355.8

