

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078237.D
 Acq On : 15 Jun 2023 18:45
 Operator : JC\MD
 Sample : 03231-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 16 06:11:04 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)

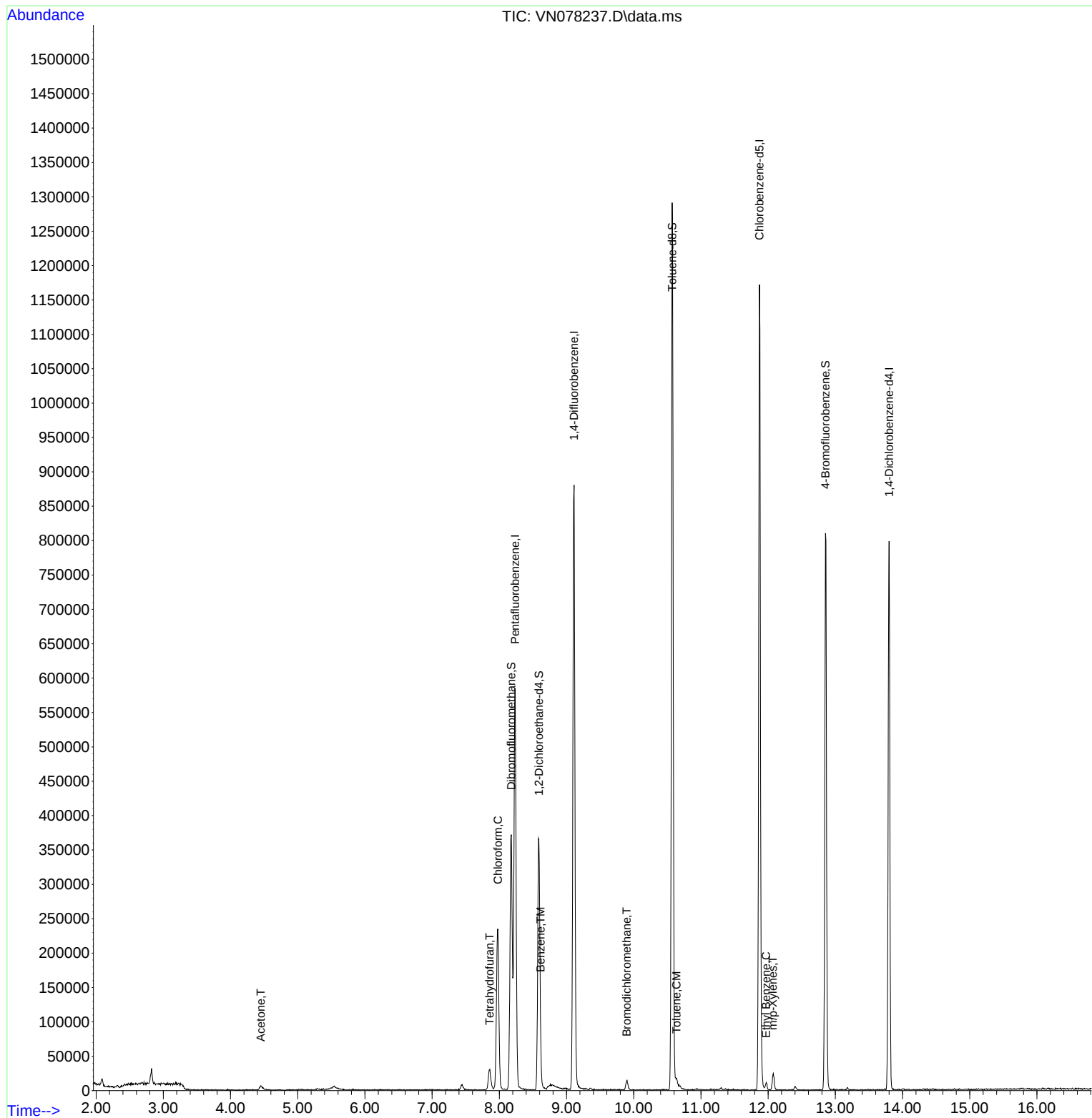
Internal Standards						
1) Pentafluorobenzene	8.236	168	420986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	776197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	695553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	308624	54.983	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.960%			
35) Dibromofluoromethane	8.177	113	274891	56.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.020%			
50) Toluene-d8	10.571	98	916929	48.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.920%			
62) 4-Bromofluorobenzene	12.853	95	290580	49.403	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.800%			
Target Compounds						Qvalue
16) Acetone	4.448	43	10760	6.660	ug/l	93
29) Tetrahydrofuran	7.853	42	22004	13.248	ug/l #	85
30) Chloroform	7.977	83	235071	25.069	ug/l	96
40) Benzene	8.612	78	12290	0.585	ug/l #	80
47) Bromodichloromethane	9.894	83	9125	1.275	ug/l #	98
52) Toluene	10.635	92	3797	0.286	ug/l	98
67) Ethyl Benzene	11.971	91	7398	0.288	ug/l	100
68) m/p-Xylenes	12.071	106	8450	0.863	ug/l	100

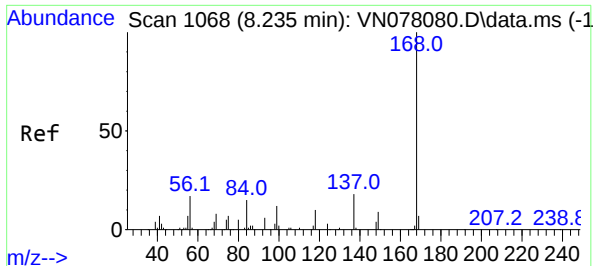
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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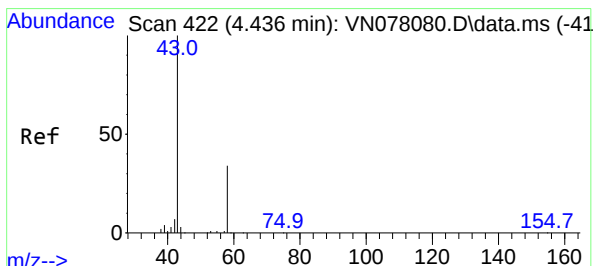
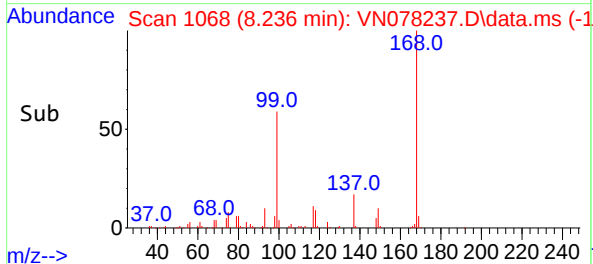
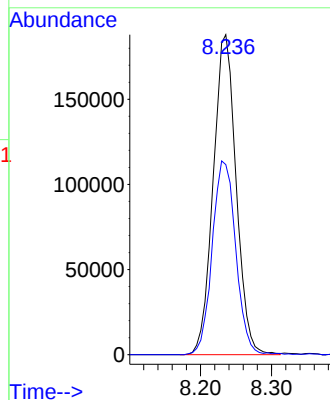
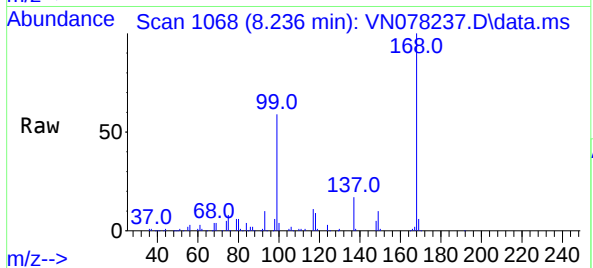




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

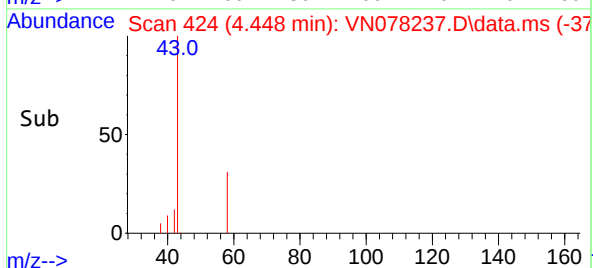
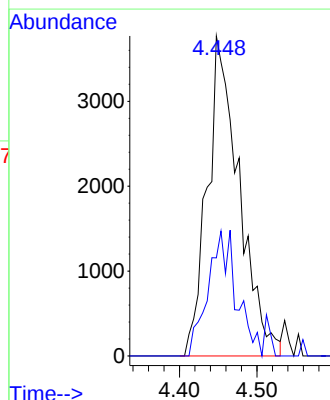
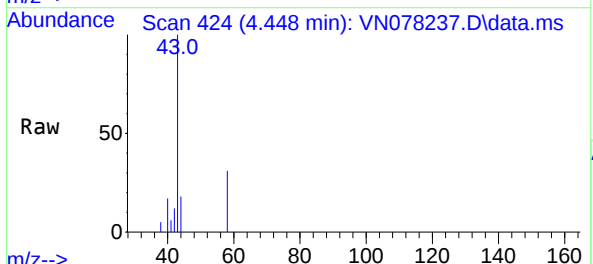
Instrument :
MSVOA_N
ClientSampleId :
FSND-EQB-2-06132023

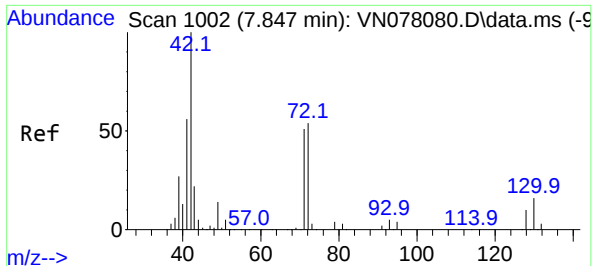
Tgt Ion:168 Resp: 420986
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#16
Acetone
Concen: 6.660 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion: 43 Resp: 10760
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0





#29

Tetrahydrofuran

Concen: 13.248 ug/l

RT: 7.853 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN078237.D

Acq: 15 Jun 2023 18:45

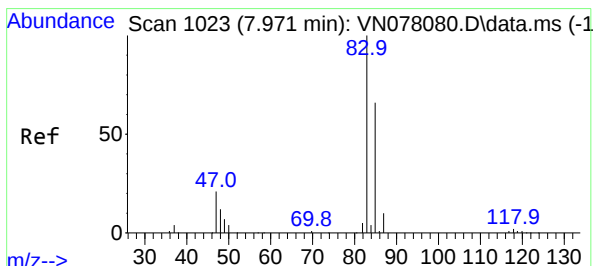
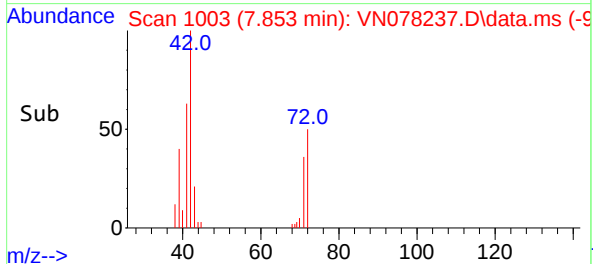
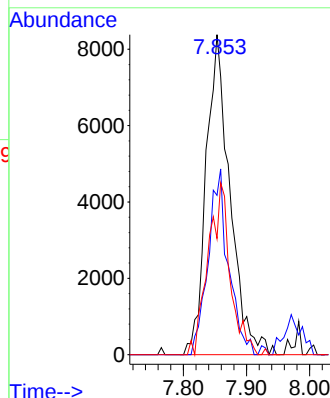
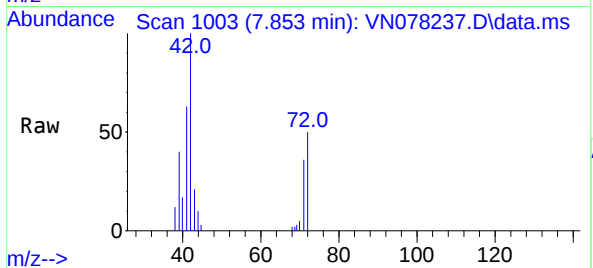
Instrument :

MSVOA_N

ClientSampleId :

FSND-EQB-2-06132023

Tgt Ion: 42	Resp: 22004
Ion Ratio	Lower Upper
42	100
72	49.3 49.8 74.6#
71	49.5 47.4 71.2



#30

Chloroform

Concen: 25.069 ug/l

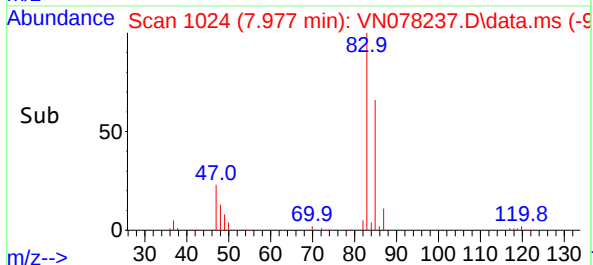
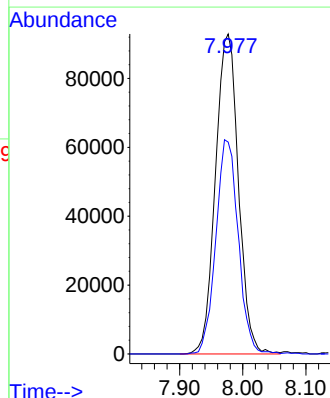
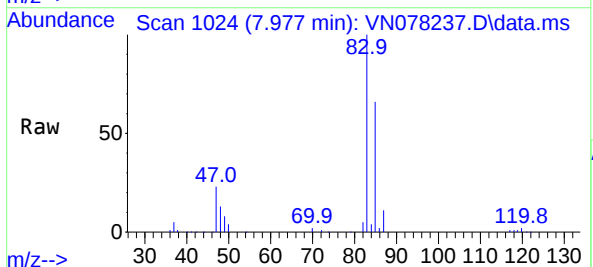
RT: 7.977 min Scan# 1024

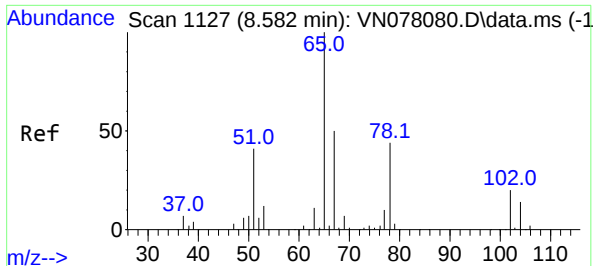
Delta R.T. 0.006 min

Lab File: VN078237.D

Acq: 15 Jun 2023 18:45

Tgt Ion: 83	Resp: 235071
Ion Ratio	Lower Upper
83	100
85	66.2 55.4 83.0

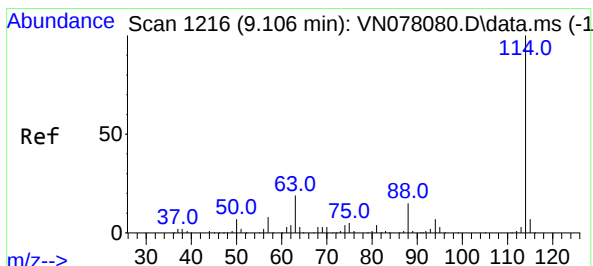
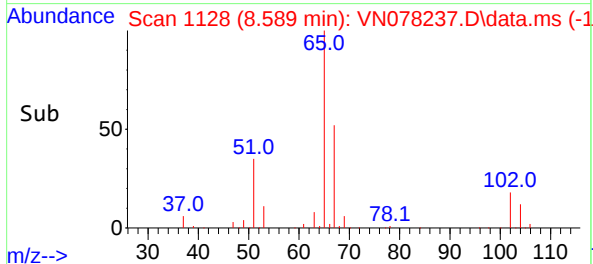
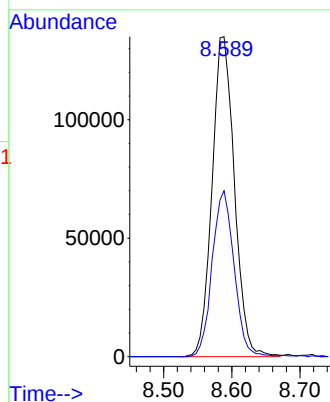
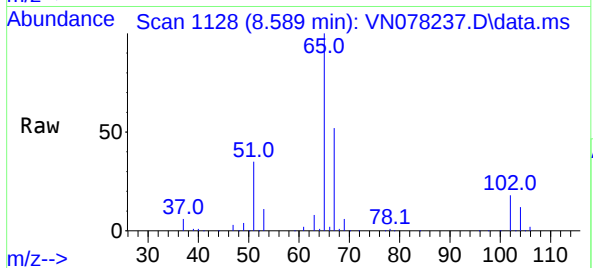




#33
1,2-Dichloroethane-d4
Concen: 54.983 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

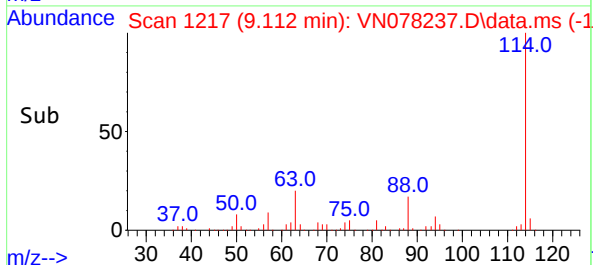
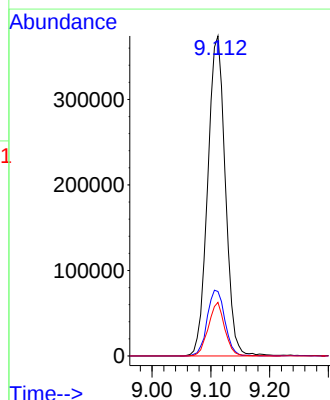
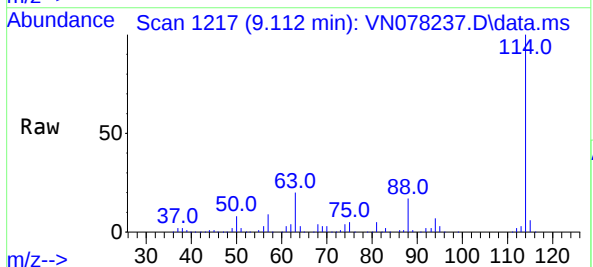
Instrument :
MSVOA_N
ClientSampleId :
FSND-EQB-2-06132023

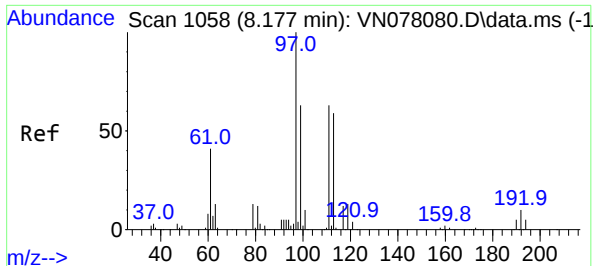
Tgt Ion: 65 Resp: 308624
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion: 114 Resp: 776197
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 16.8 0.0 30.6

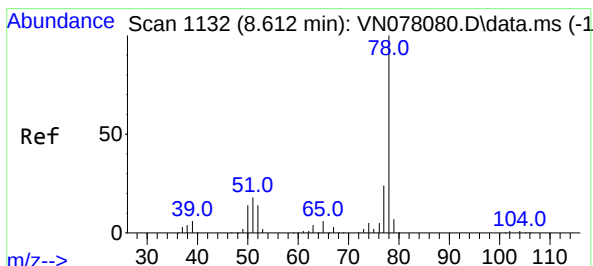
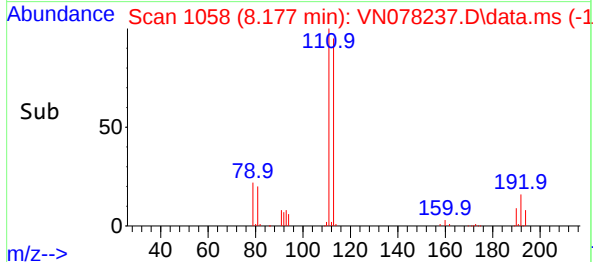
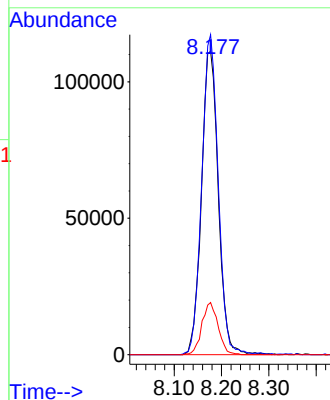
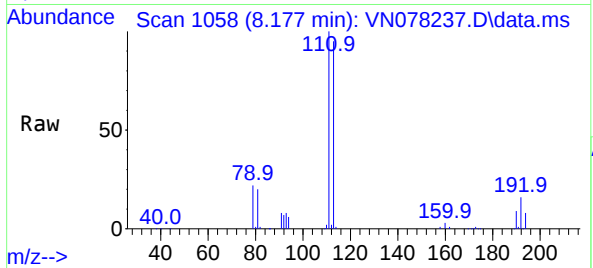




#35
Dibromofluoromethane
Concen: 56.011 ug/l
RT: 8.177 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

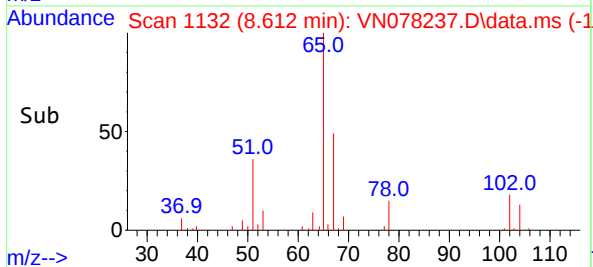
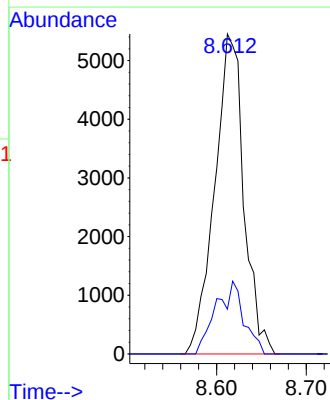
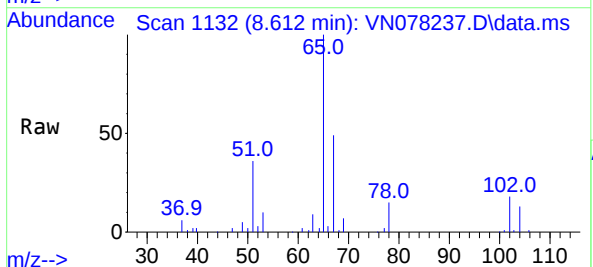
Instrument :
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ClientSampleId :
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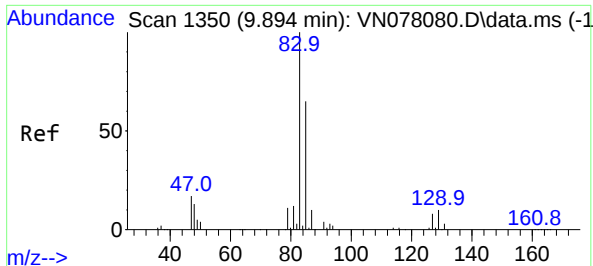
Tgt Ion:113 Resp: 274891
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.5 12.7 19.1



#40
Benzene
Concen: 0.585 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion: 78 Resp: 12290
Ion Ratio Lower Upper
78 100
77 14.0 19.0 28.6#

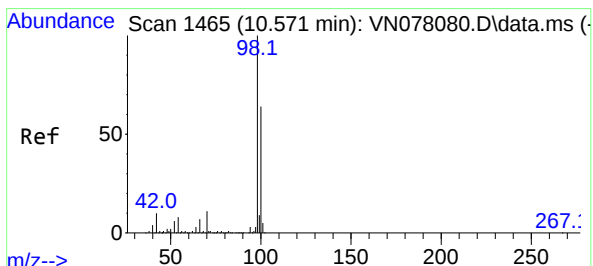
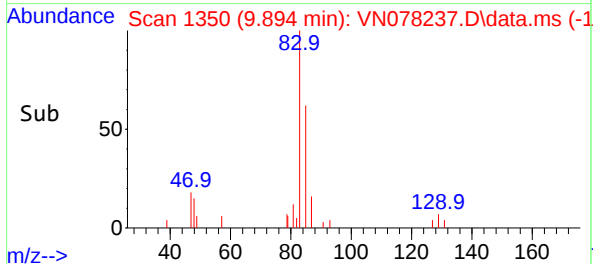
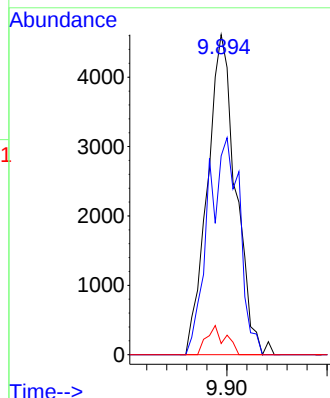
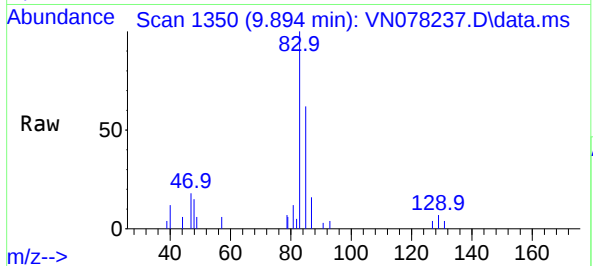




#47
Bromodichloromethane
Concen: 1.275 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

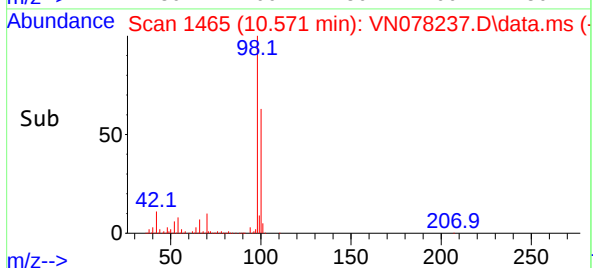
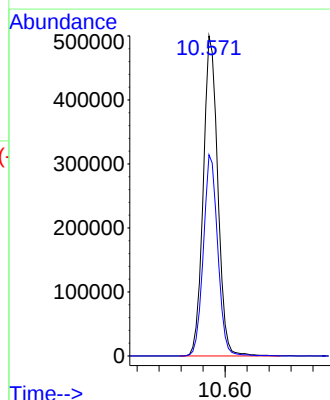
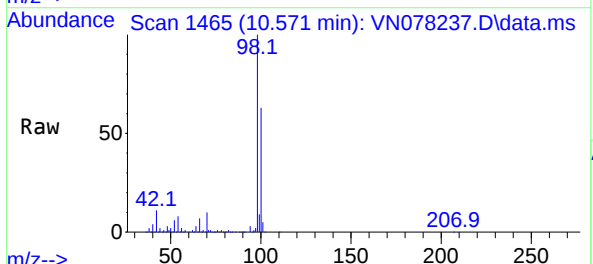
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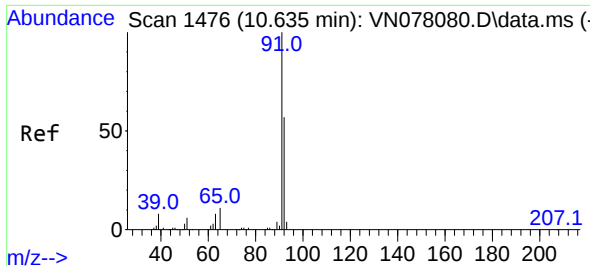
Tgt Ion: 83 Resp: 9125
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 3.5 7.0 10.6#



#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion: 98 Resp: 916929
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0

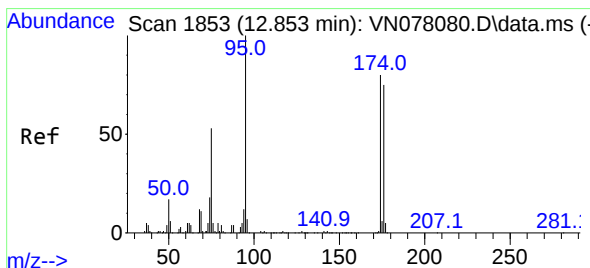
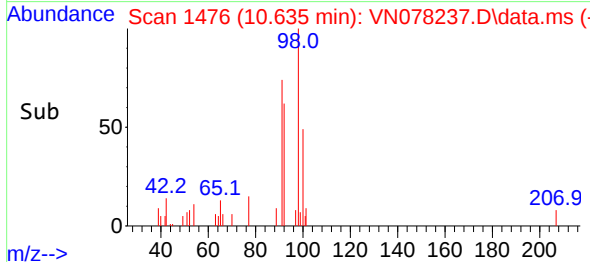
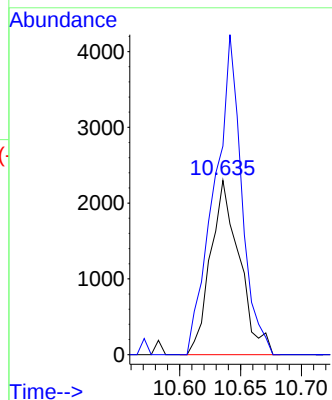
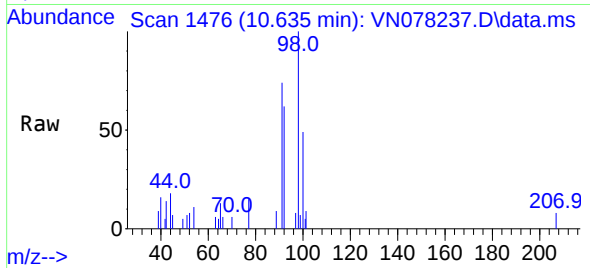




#52
Toluene
Concen: 0.286 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

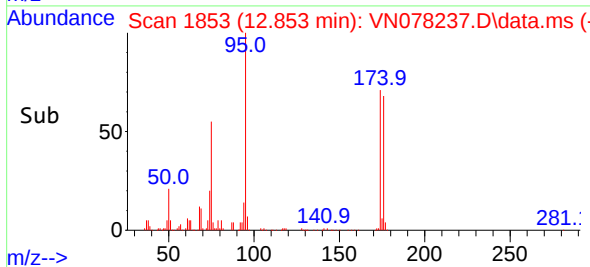
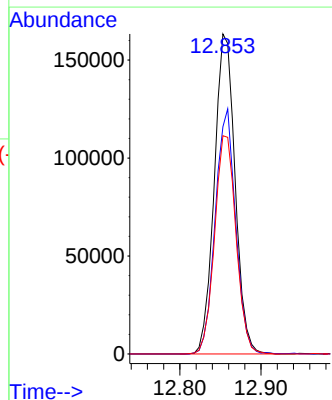
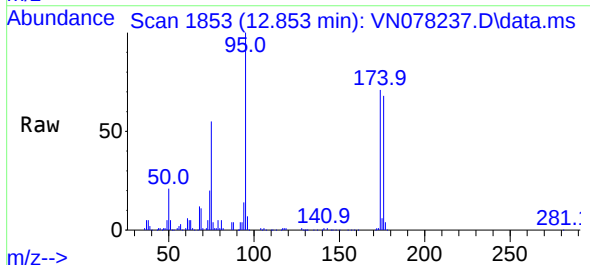
Instrument : MSVOA_N
ClientSampleId : FSND-EQB-2-06132023

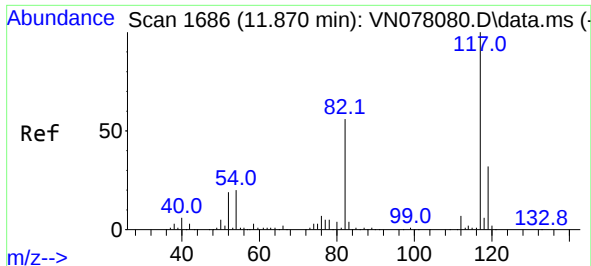
Tgt Ion: 92 Resp: 3797
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 49.403 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion: 95 Resp: 290580
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 70.3 0.0 135.8

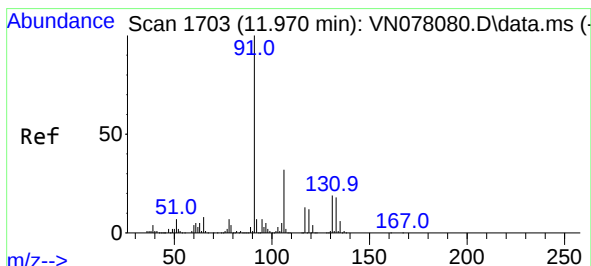
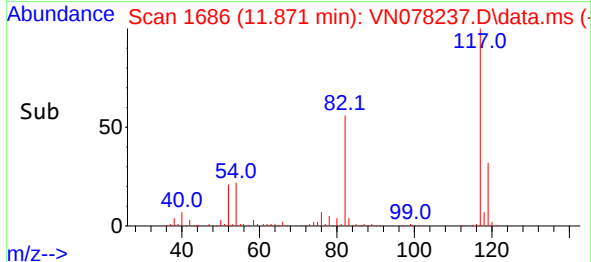
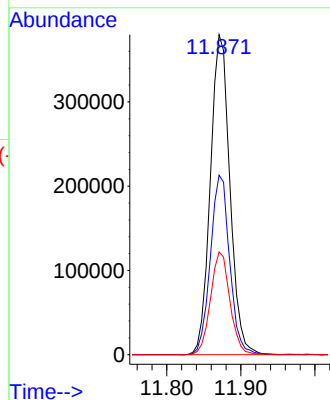
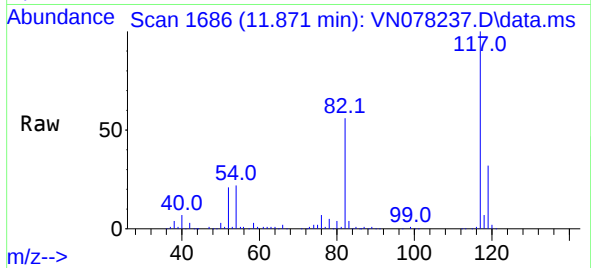




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

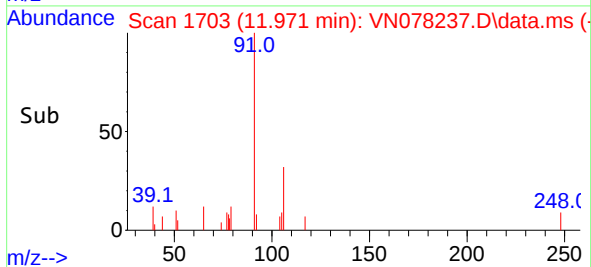
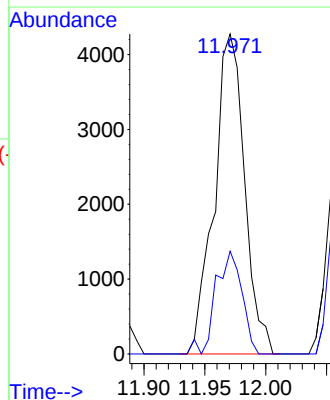
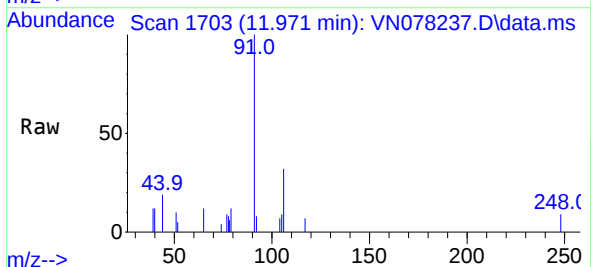
Instrument :
MSVOA_N
ClientSampleId :
FSND-EQB-2-06132023

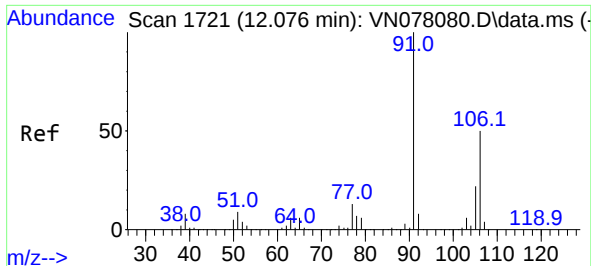
Tgt Ion:117 Resp: 695553
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.1 25.6 38.4



#67
Ethyl Benzene
Concen: 0.288 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion: 91 Resp: 7398
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

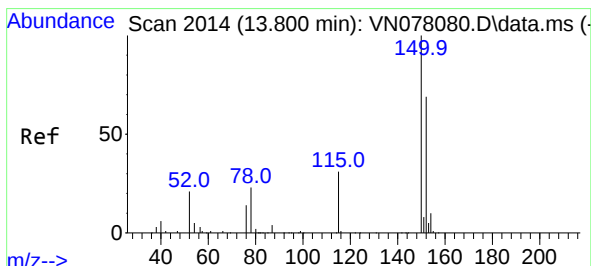
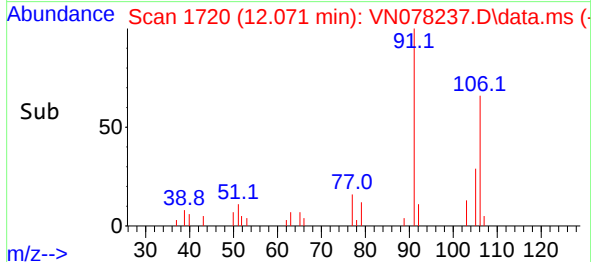
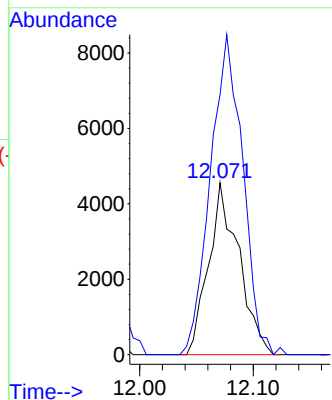
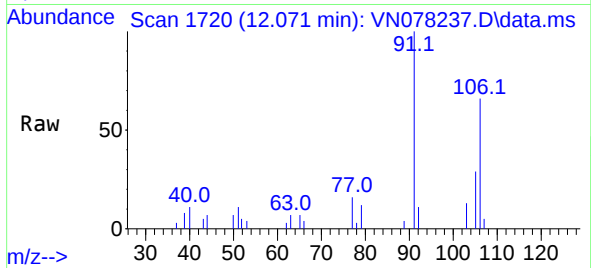




#68
m/p-Xylenes
Concen: 0.863 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

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

Tgt Ion:106 Resp: 8450
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078237.D
Acq: 15 Jun 2023 18:45

Tgt Ion:152 Resp: 222469
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 152.7 0.0 355.8

