

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078241.D
 Acq On : 15 Jun 2023 20:22
 Operator : JC\MD
 Sample : 03231-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-1S-06122023

Quant Time: Jun 16 06:12:46 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)

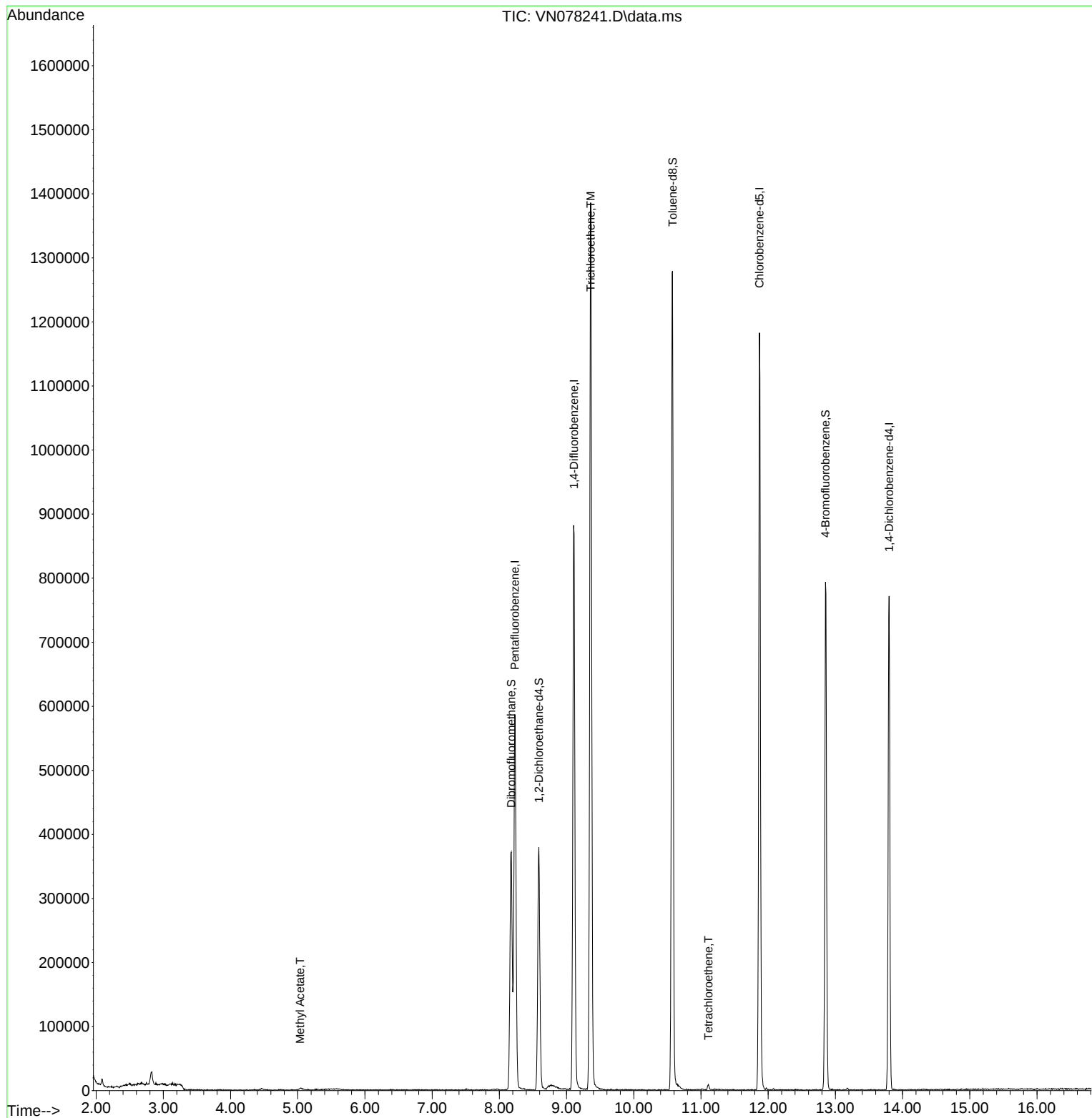
Internal Standards						
1) Pentafluorobenzene	8.230	168	417223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	782562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	698526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306297	55.061	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.120%
35) Dibromofluoromethane	8.177	113	266390	53.838	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.680%
50) Toluene-d8	10.576	98	934388	48.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.853	95	280990	47.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.760%
Target Compounds						
						Qvalue
18) Methyl Acetate	5.036	43	6421	0.871	ug/l #	81
44) Trichloroethene	9.359	130	498117	89.018	ug/l	98
64) Tetrachloroethene	11.112	164	1721	0.369	ug/l #	78

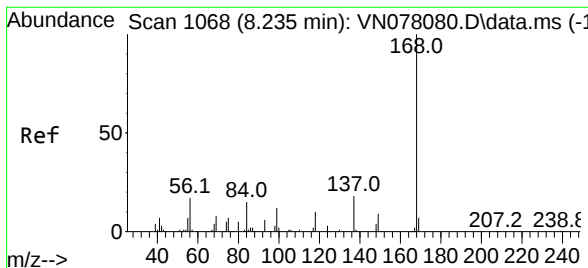
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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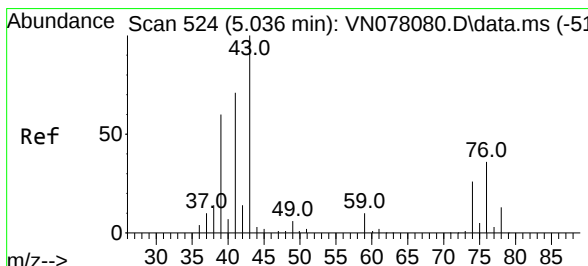
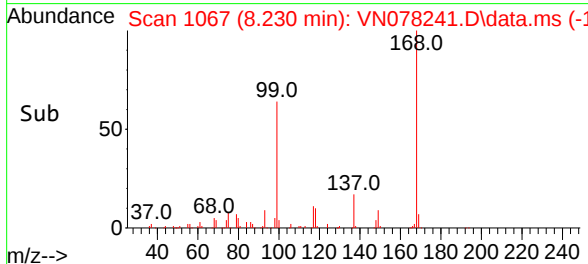
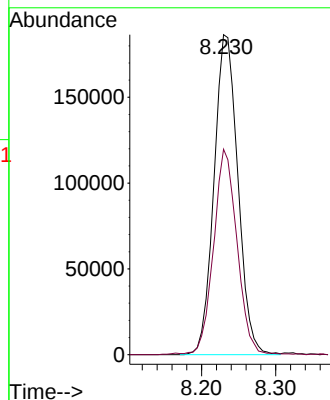
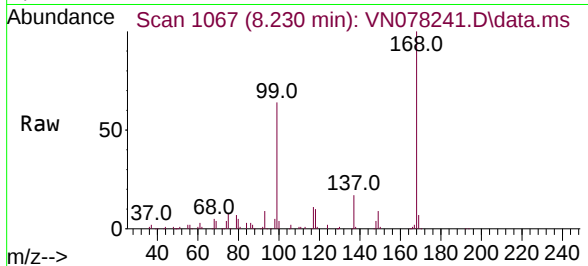




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078241.D
Acq: 15 Jun 2023 20:22

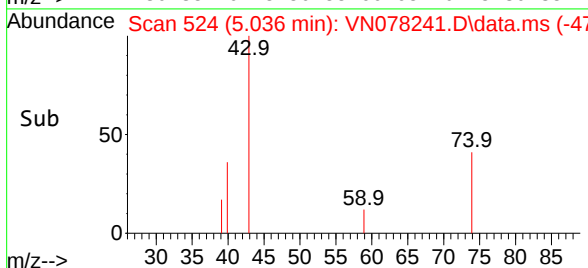
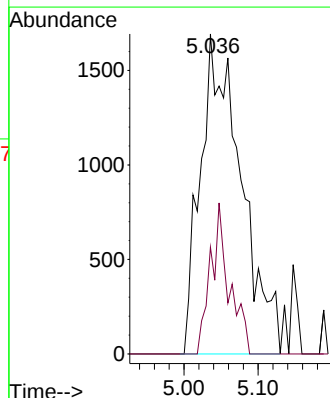
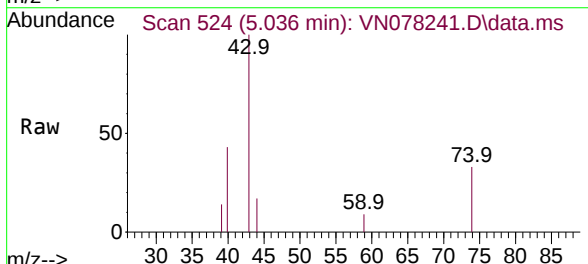
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-1S-06122023

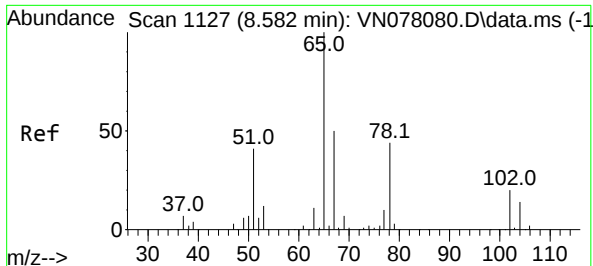
Tgt Ion:168 Resp: 417223
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#18
Methyl Acetate
Concen: 0.871 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078241.D
Acq: 15 Jun 2023 20:22

Tgt Ion: 43 Resp: 6421
Ion Ratio Lower Upper
43 100
74 21.9 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: 55.061 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078241.D

Acq: 15 Jun 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

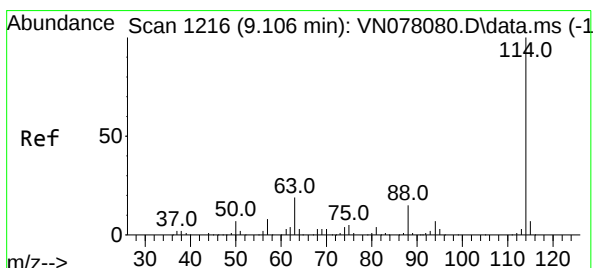
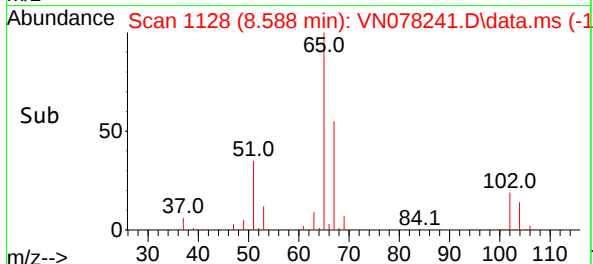
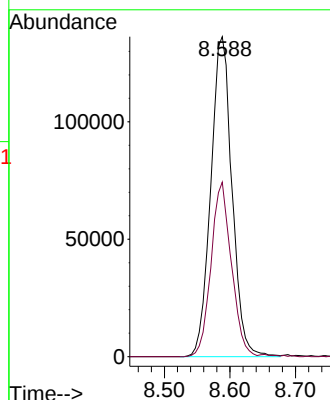
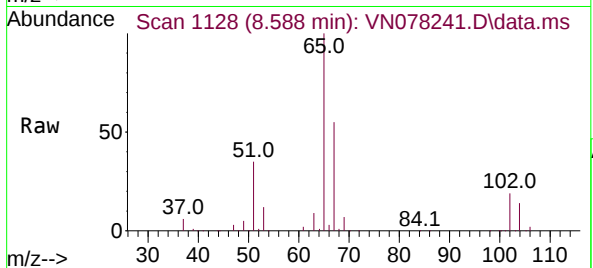
FSND-MW-EVAL-1S-06122023

Tgt Ion: 65 Resp: 306297

Ion Ratio Lower Upper

65 100

67 52.1 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: VN078241.D

Acq: 15 Jun 2023 20:22

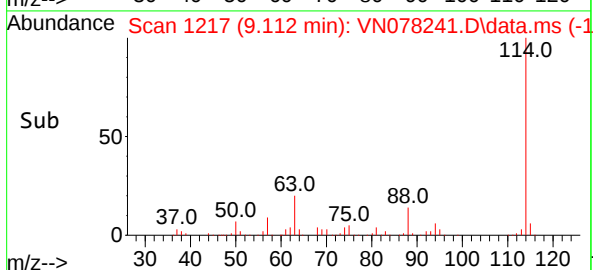
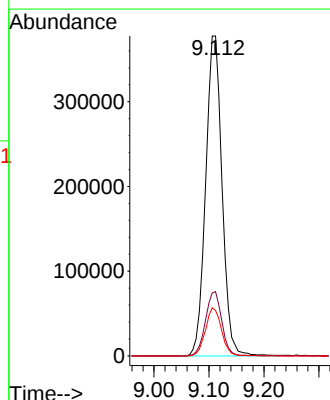
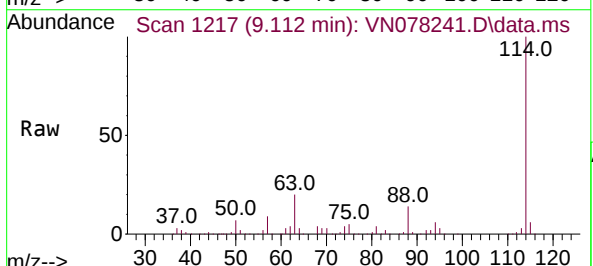
Tgt Ion: 114 Resp: 782562

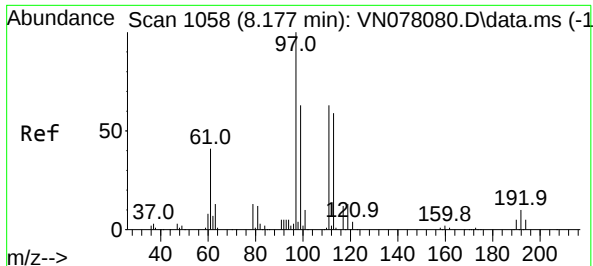
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.838 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078241.D

Acq: 15 Jun 2023 20:22

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-1S-06122023

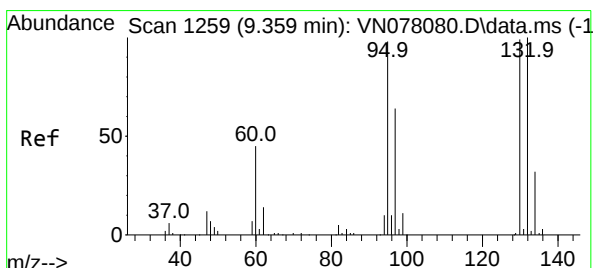
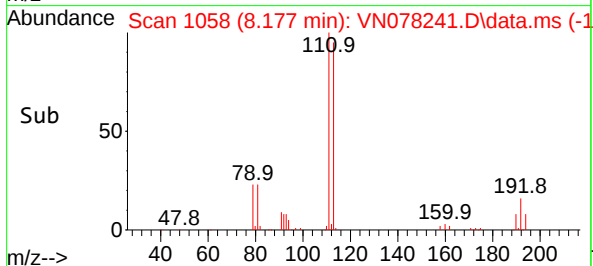
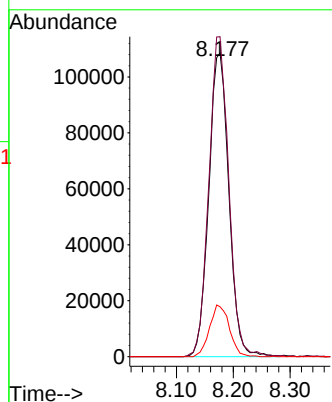
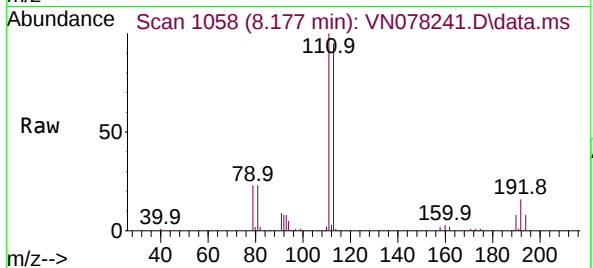
Tgt Ion:113 Resp: 266390

Ion Ratio Lower Upper

113 100

111 104.8 82.6 123.8

192 16.8 12.7 19.1



#44

Trichloroethene

Concen: 89.018 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078241.D

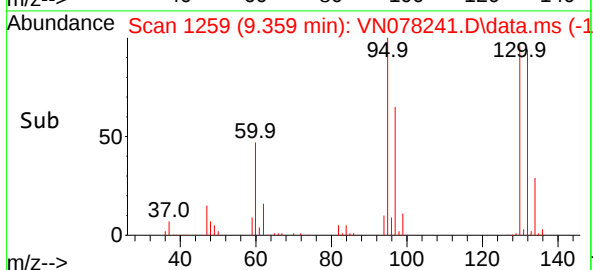
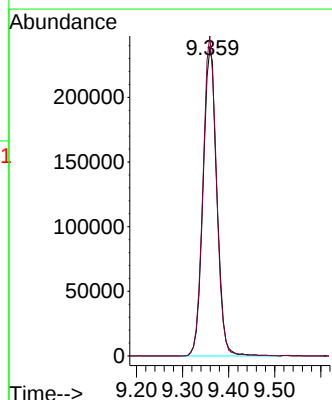
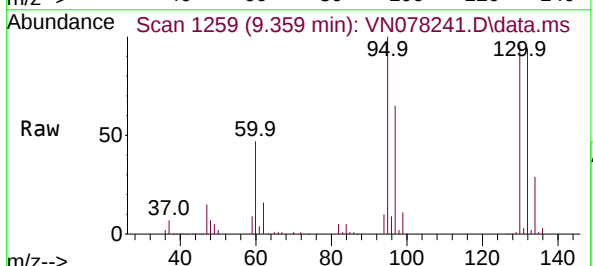
Acq: 15 Jun 2023 20:22

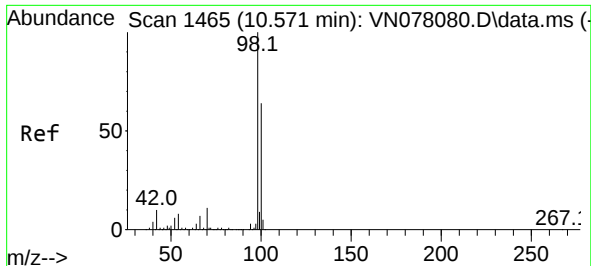
Tgt Ion:130 Resp: 498117

Ion Ratio Lower Upper

130 100

95 104.1 0.0 204.6

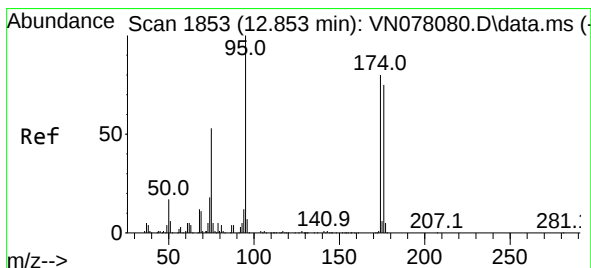
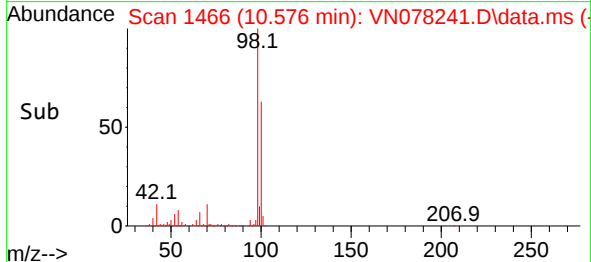
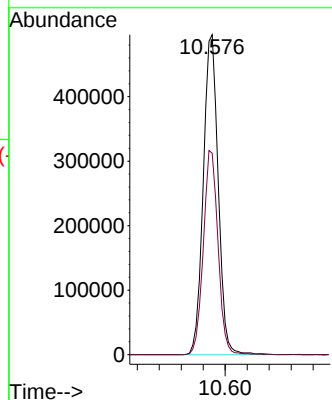
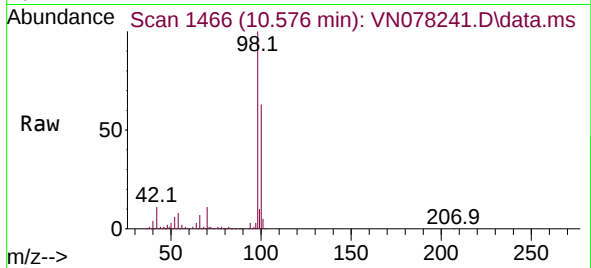




#50
Toluene-d8
Concen: 48.984 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078241.D
Acq: 15 Jun 2023 20:22

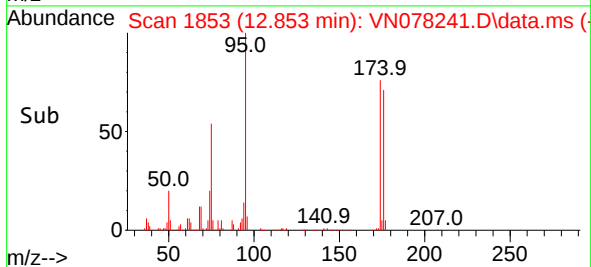
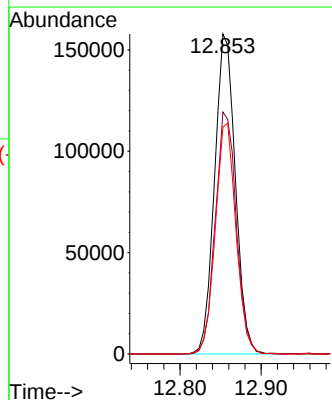
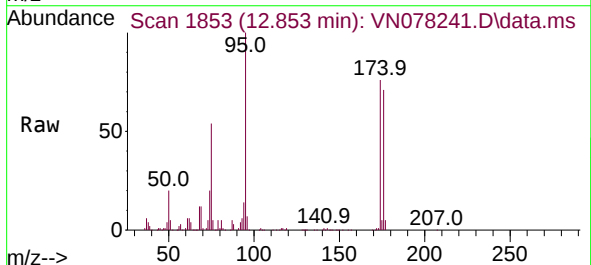
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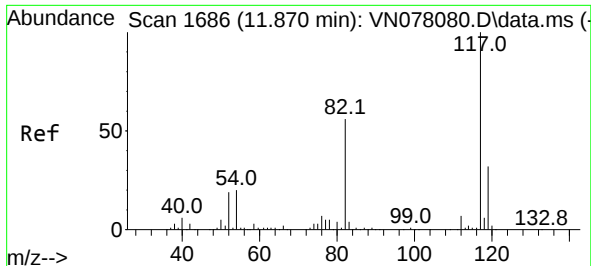
Tgt Ion: 98 Resp: 934388
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078241.D
Acq: 15 Jun 2023 20:22

Tgt Ion: 95 Resp: 280990
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 71.8 0.0 135.8

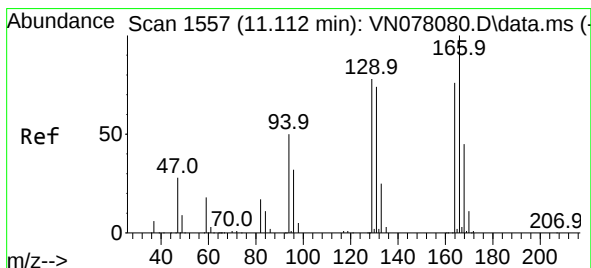
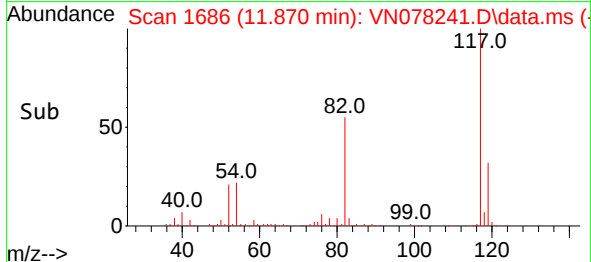
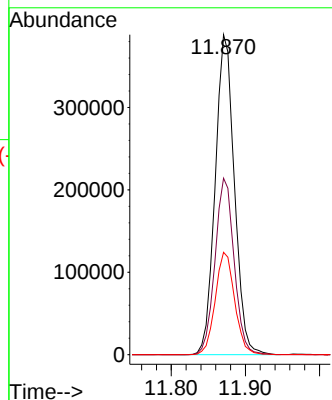
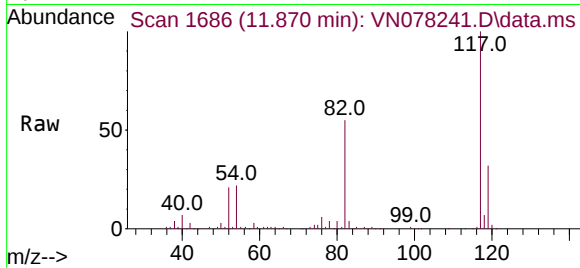




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078241.D
Acq: 15 Jun 2023 20:22

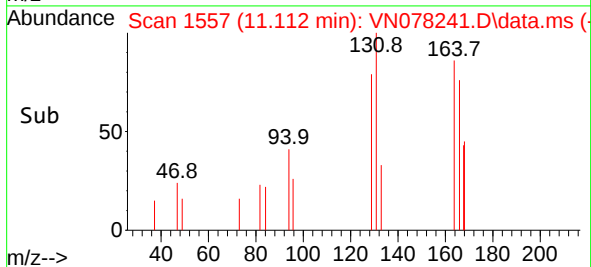
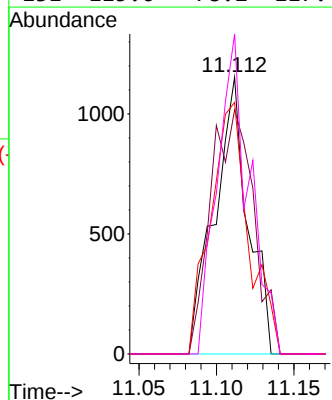
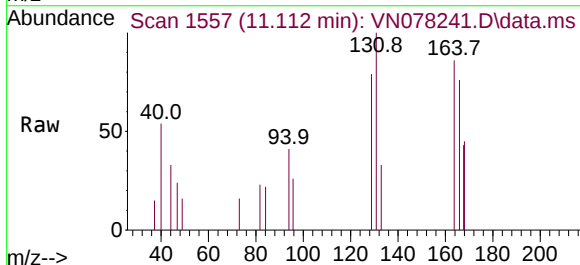
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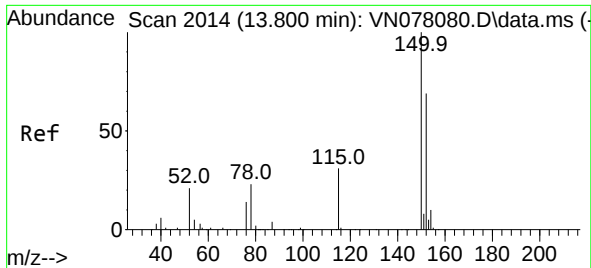
Tgt Ion:117 Resp: 698526
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 0.369 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078241.D
Acq: 15 Jun 2023 20:22

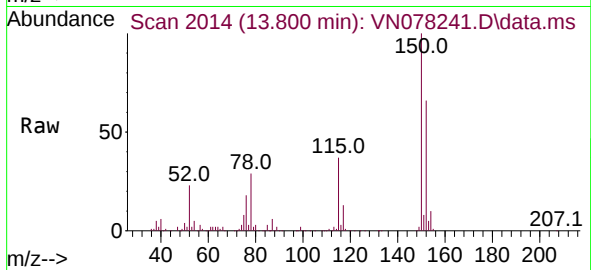
Tgt Ion:164 Resp: 1721
Ion Ratio Lower Upper
164 100
166 88.2 101.4 152.0#
129 90.9 82.4 123.6
131 115.6 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078241.D
 Acq: 15 Jun 2023 20:22

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-1S-06122023



Tgt Ion:152 Resp: 215477
 Ion Ratio Lower Upper
 152 100
 115 58.6 32.3 96.8
 150 153.2 0.0 355.8

