

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078109.D
 Acq On : 07 Jun 2023 17:27
 Operator : JC\MD
 Sample : 03067-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DT-GW-1

Quant Time: Jun 08 05:29:20 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)

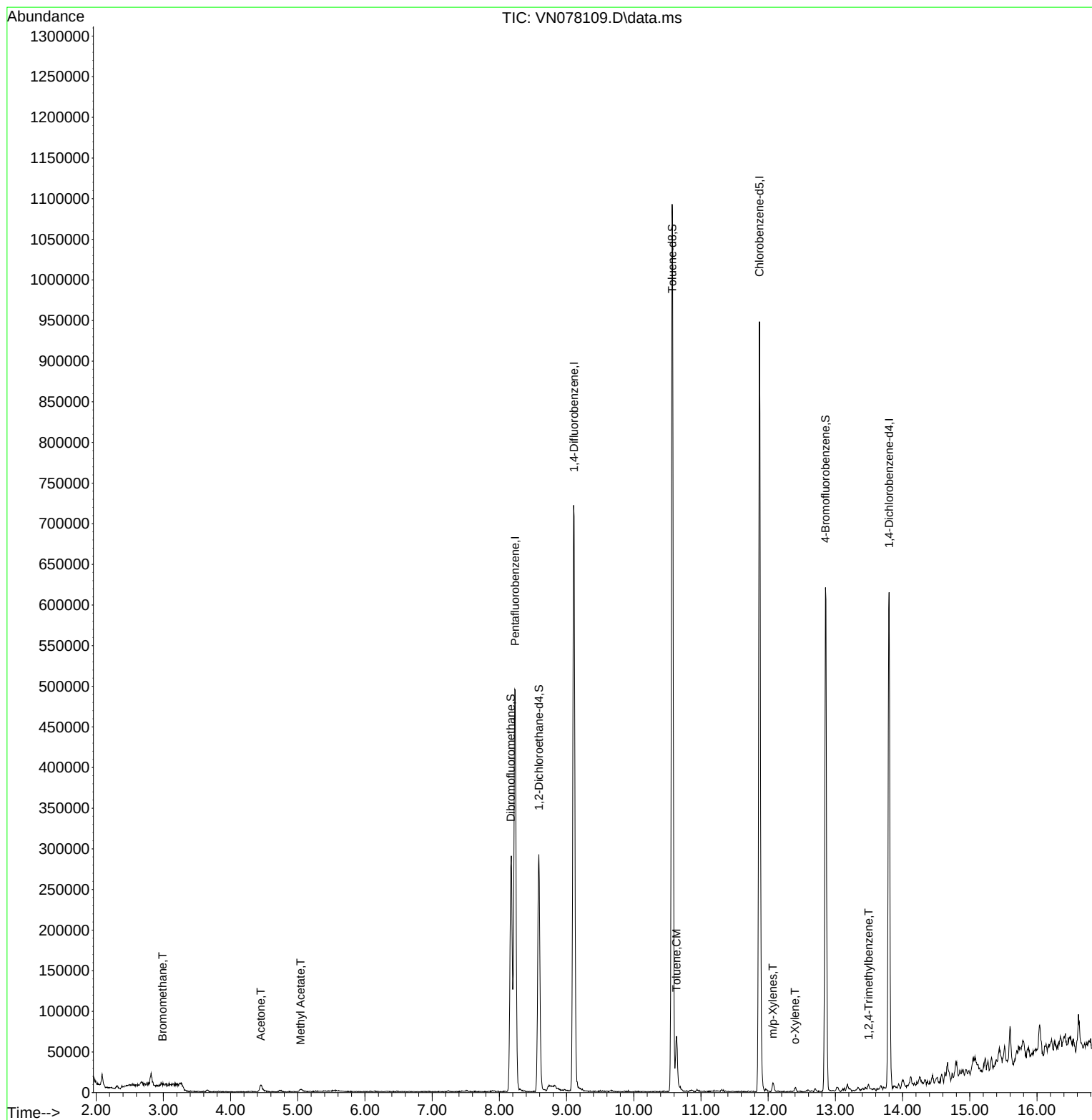
Internal Standards						
1) Pentafluorobenzene	8.235	168	355427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	652218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	558224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	169119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	243152	51.309	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.620%	
35) Dibromofluoromethane	8.171	113	212607	51.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	10.570	98	804032	50.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.853	95	224361	45.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.800%	
Target Compounds						
						Qvalue
5) Bromomethane	2.989	94	1627	0.409	ug/l	99
16) Acetone	4.447	43	14540	10.660	ug/l	92
18) Methyl Acetate	5.041	43	5833	0.929	ug/l #	71
52) Toluene	10.635	92	26675	2.392	ug/l	93
68) m/p-Xylenes	12.070	106	3895	0.495	ug/l	85
69) o-Xylene	12.400	106	1723	0.223	ug/l	89
84) 1,2,4-Trimethylbenzene	13.494	105	3990	0.318	ug/l	99

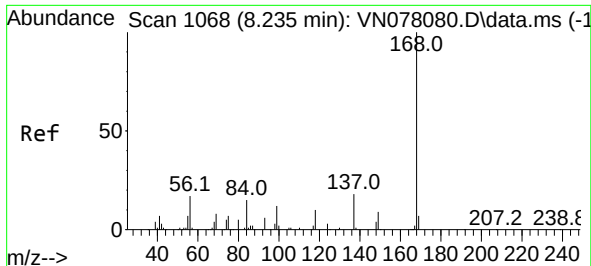
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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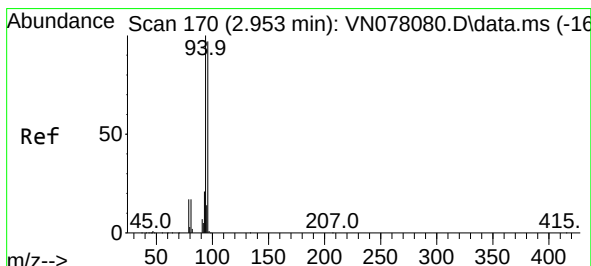
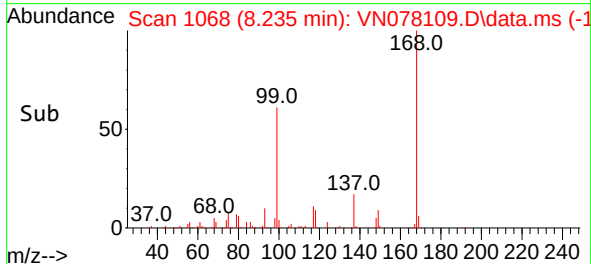
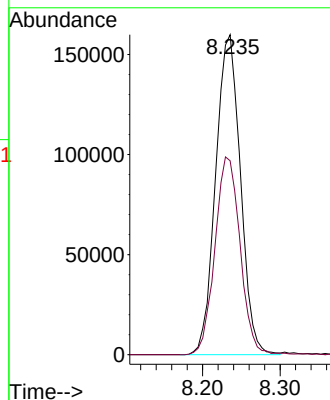
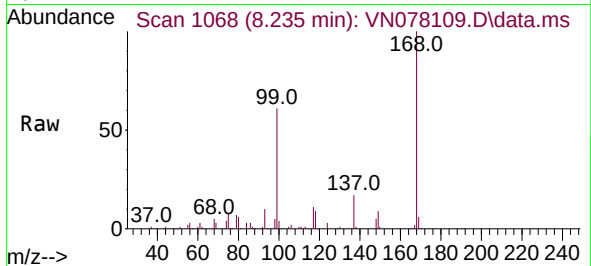




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

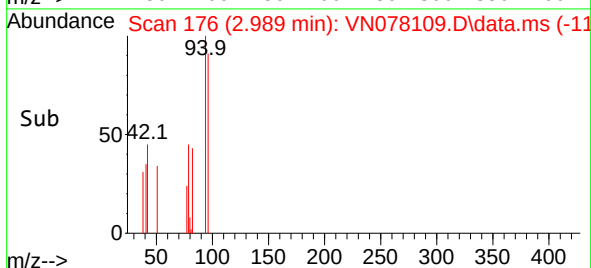
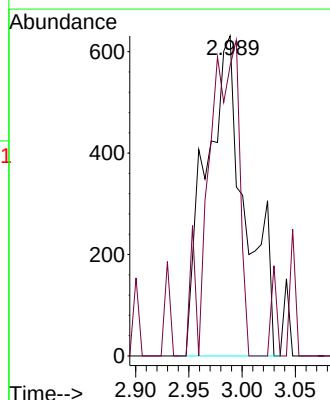
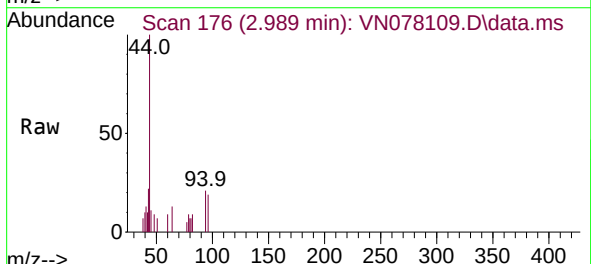
Instrument :
MSVOA_N
ClientSampleId :
DT-GW-1

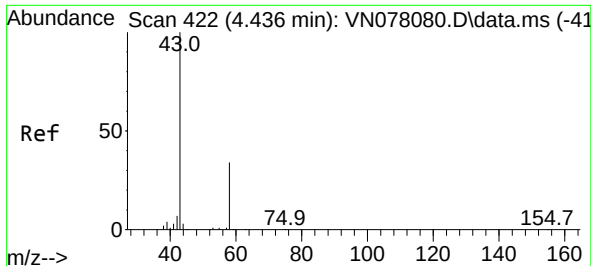
Tgt Ion:168 Resp: 355427
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.035 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

Tgt Ion: 94 Resp: 1627
Ion Ratio Lower Upper
94 100
96 90.6 73.1 109.7

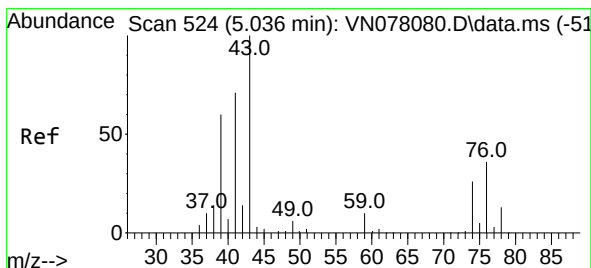
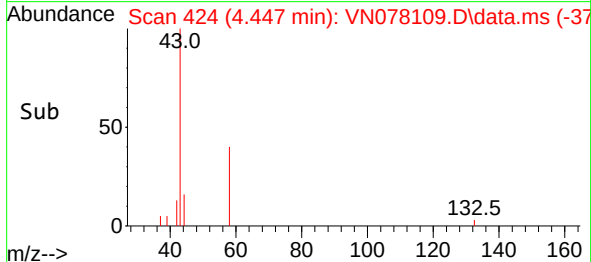
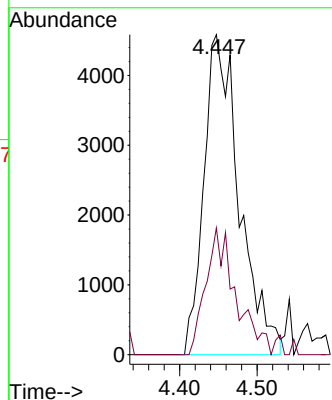
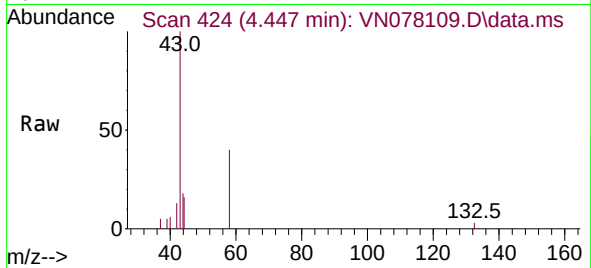




#16
Acetone
Concen: 10.660 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

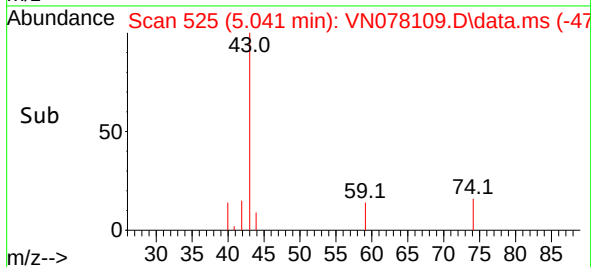
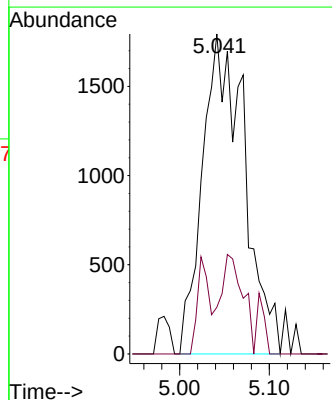
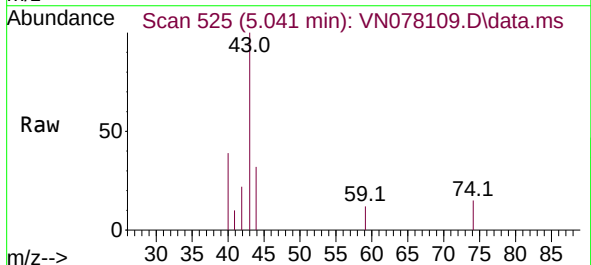
Instrument :
MSVOA_N
ClientSampleId :
DT-GW-1

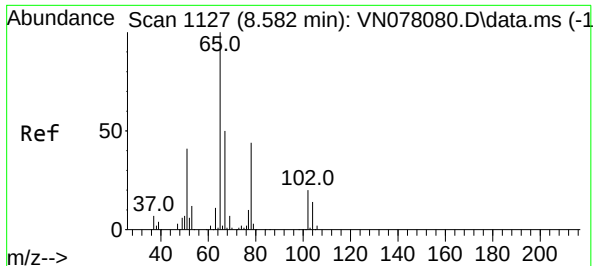
Tgt Ion: 43 Resp: 14540
Ion Ratio Lower Upper
43 100
58 39.6 28.0 42.0



#18
Methyl Acetate
Concen: 0.929 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

Tgt Ion: 43 Resp: 5833
Ion Ratio Lower Upper
43 100
74 16.6 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: 51.309 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078109.D

Acq: 07 Jun 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

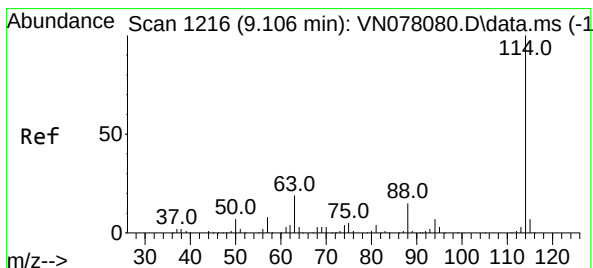
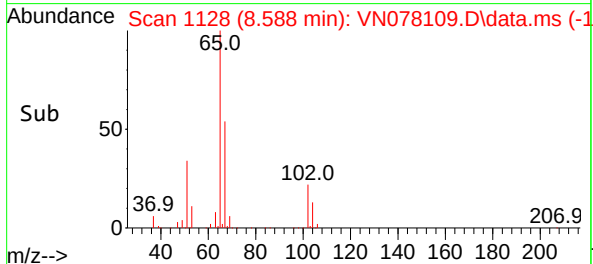
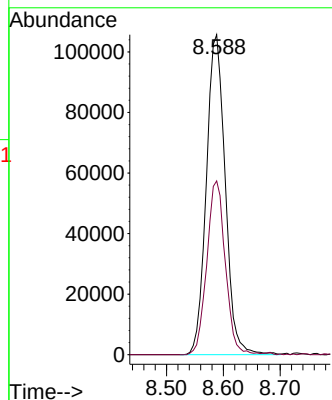
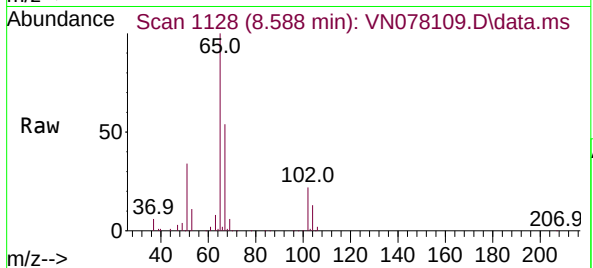
DT-GW-1

Tgt Ion: 65 Resp: 243152

Ion Ratio Lower Upper

65 100

67 53.1 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: VN078109.D

Acq: 07 Jun 2023 17:27

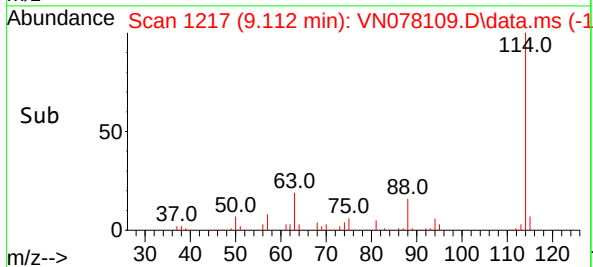
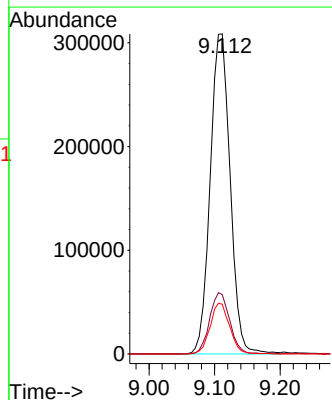
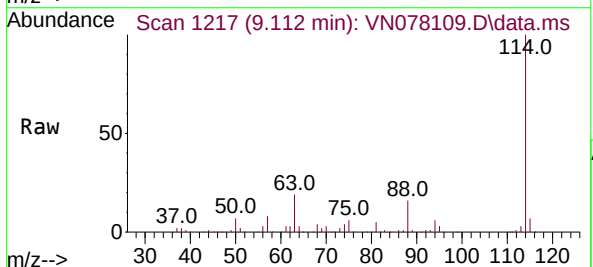
Tgt Ion: 114 Resp: 652218

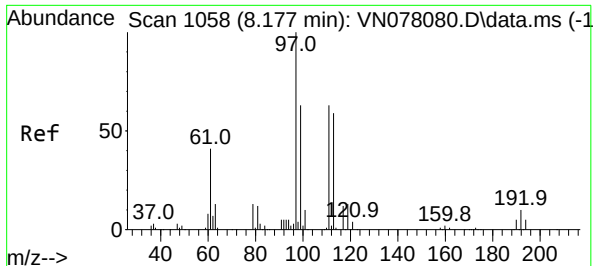
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.6 0.0 30.6

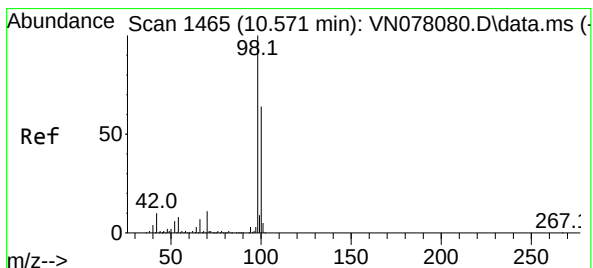
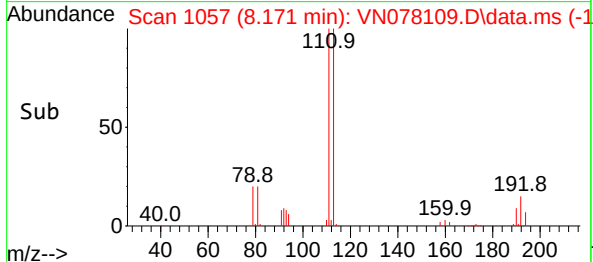
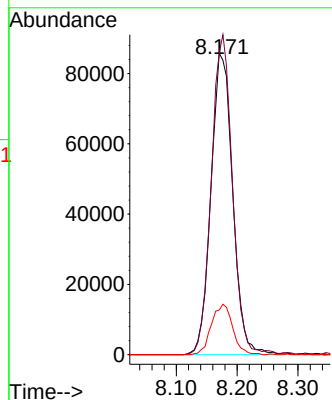
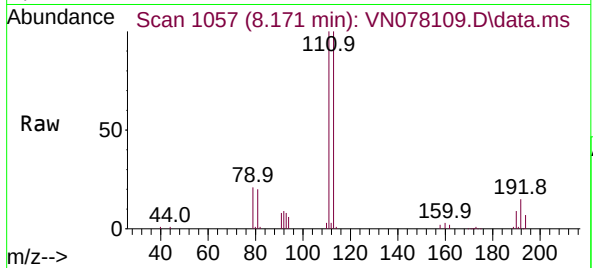




#35
Dibromofluoromethane
Concen: 51.555 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

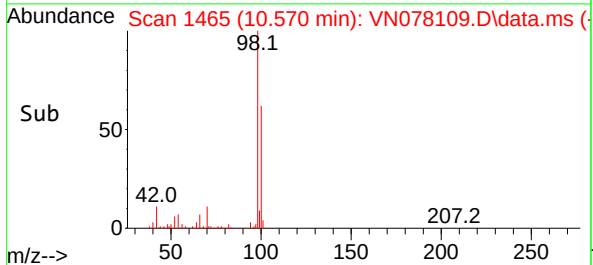
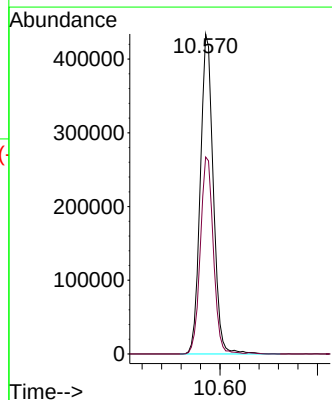
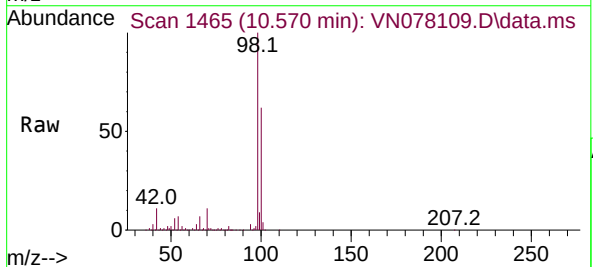
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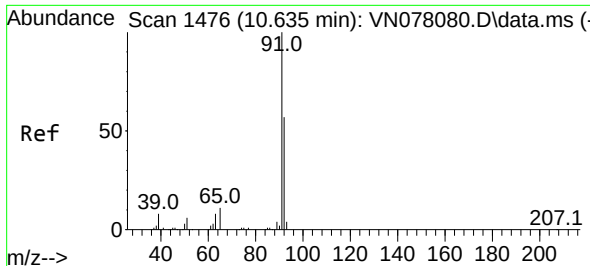
Tgt Ion:113 Resp: 212607
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.4 12.7 19.1



#50
Toluene-d8
Concen: 50.574 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

Tgt Ion: 98 Resp: 804032
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0

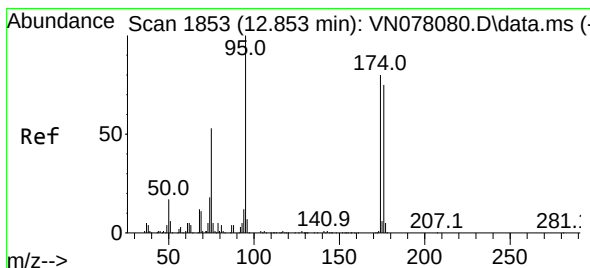
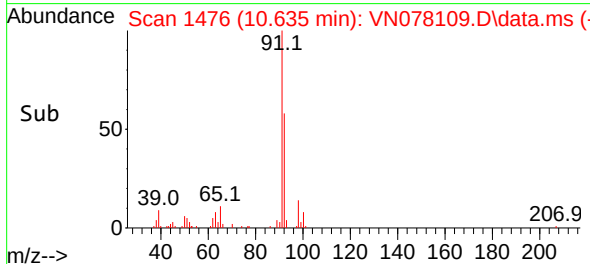
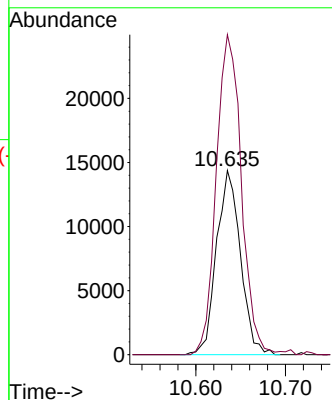
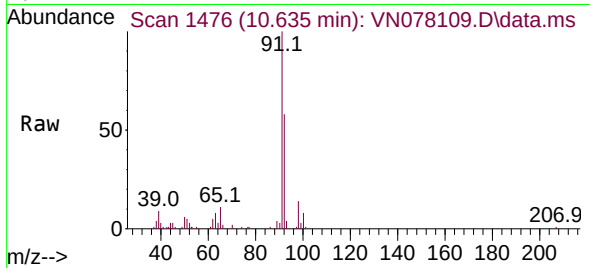




#52
Toluene
Concen: 2.392 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

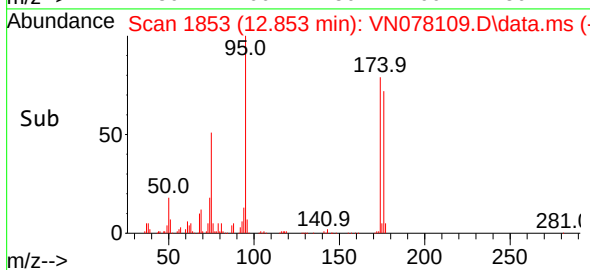
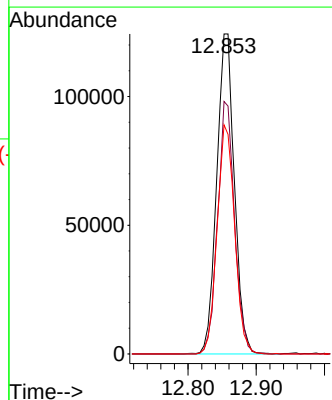
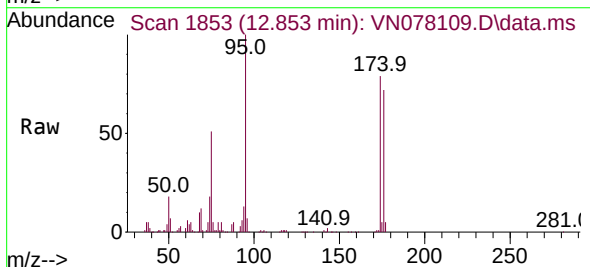
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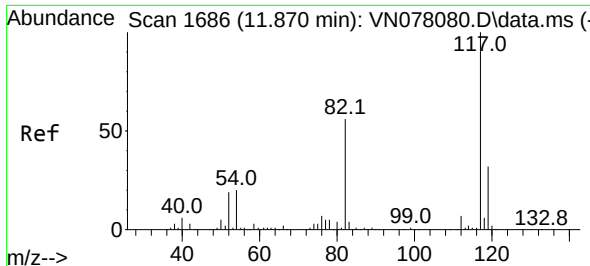
Tgt Ion: 92 Resp: 26675
Ion Ratio Lower Upper
92 100
91 182.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 45.396 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

Tgt Ion: 95 Resp: 224361
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 70.9 0.0 135.8

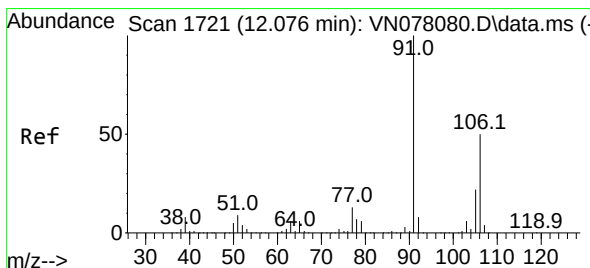
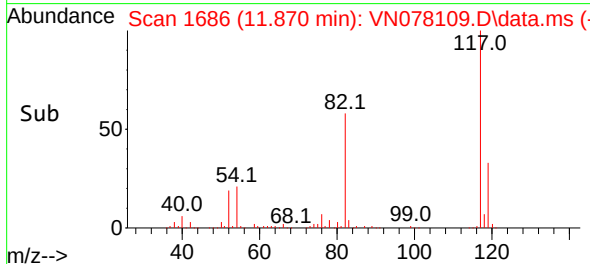
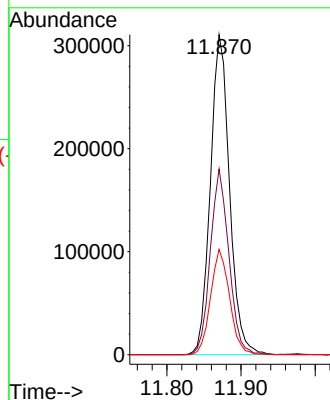
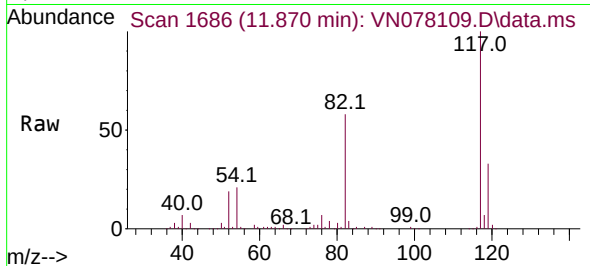




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

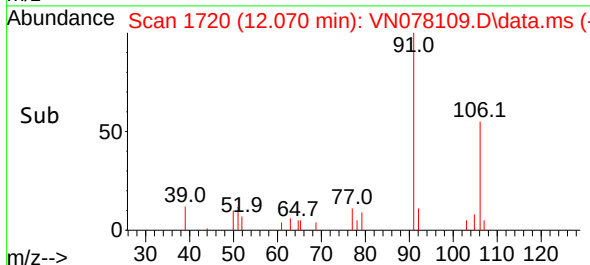
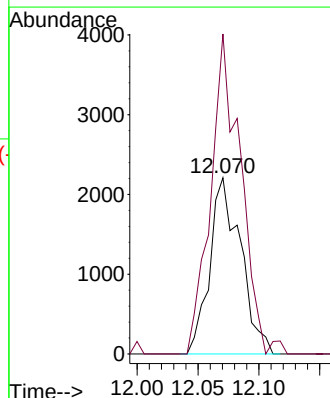
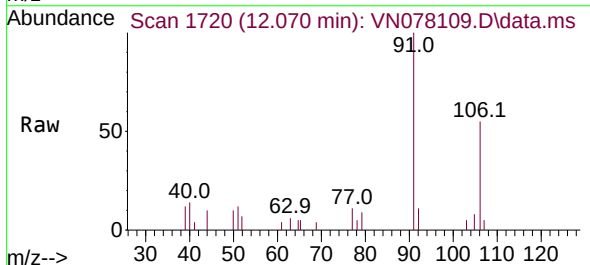
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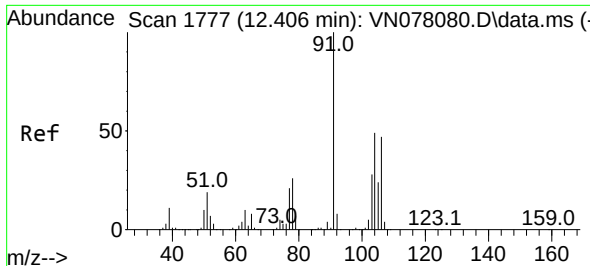
Tgt Ion:117 Resp: 558224
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 32.9 25.6 38.4



#68
m/p-Xylenes
Concen: 0.495 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

Tgt Ion:106 Resp: 3895
Ion Ratio Lower Upper
106 100
91 177.4 159.6 239.4

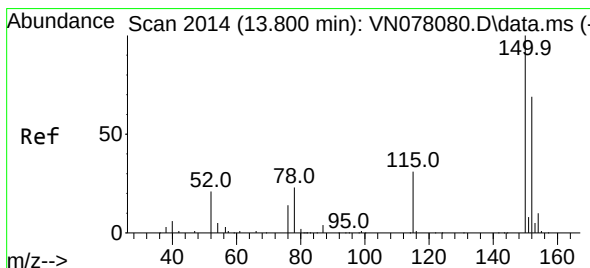
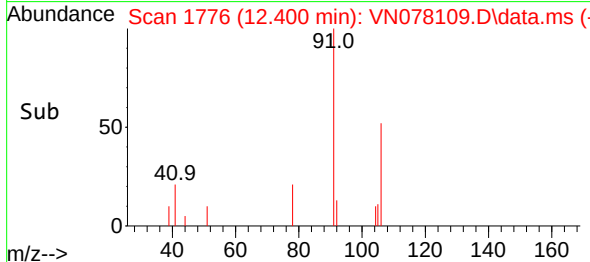
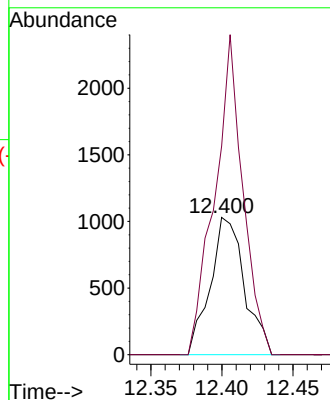
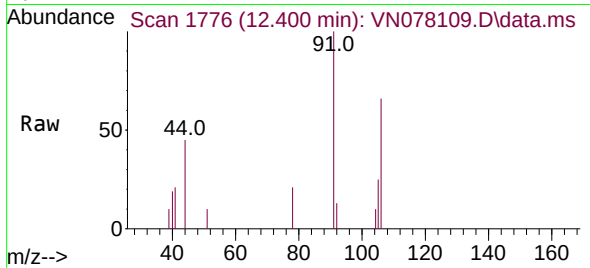




#69
o-Xylene
Concen: 0.223 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

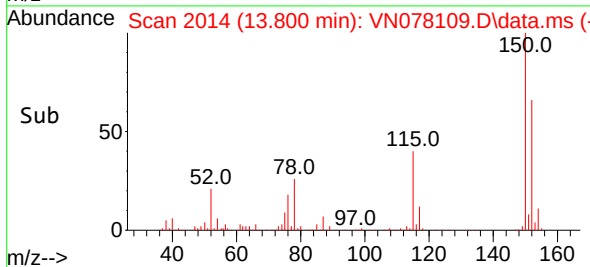
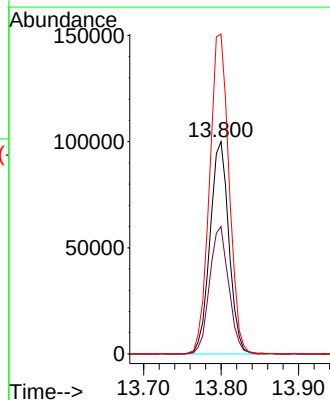
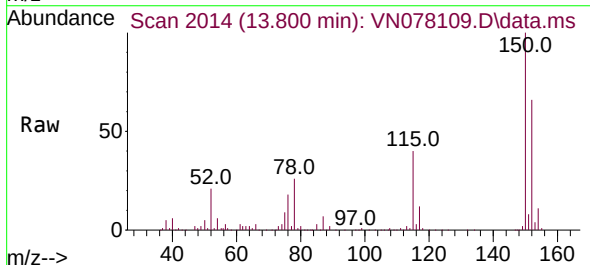
Instrument :
MSVOA_N
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DT-GW-1

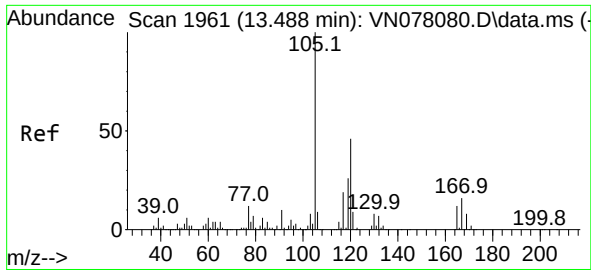
Tgt Ion:106 Resp: 1723
Ion Ratio Lower Upper
106 100
91 192.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078109.D
Acq: 07 Jun 2023 17:27

Tgt Ion:152 Resp: 169119
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 155.9 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.318 ug/l
 RT: 13.494 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VN078109.D
 Acq: 07 Jun 2023 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 DT-GW-1

Tgt Ion:105 Resp: 3990
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

