

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN078003.D
 Acq On : 31 May 2023 19:19
 Operator : JC\MD
 Sample : 02943-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20230523

Quant Time: Jun 01 01:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

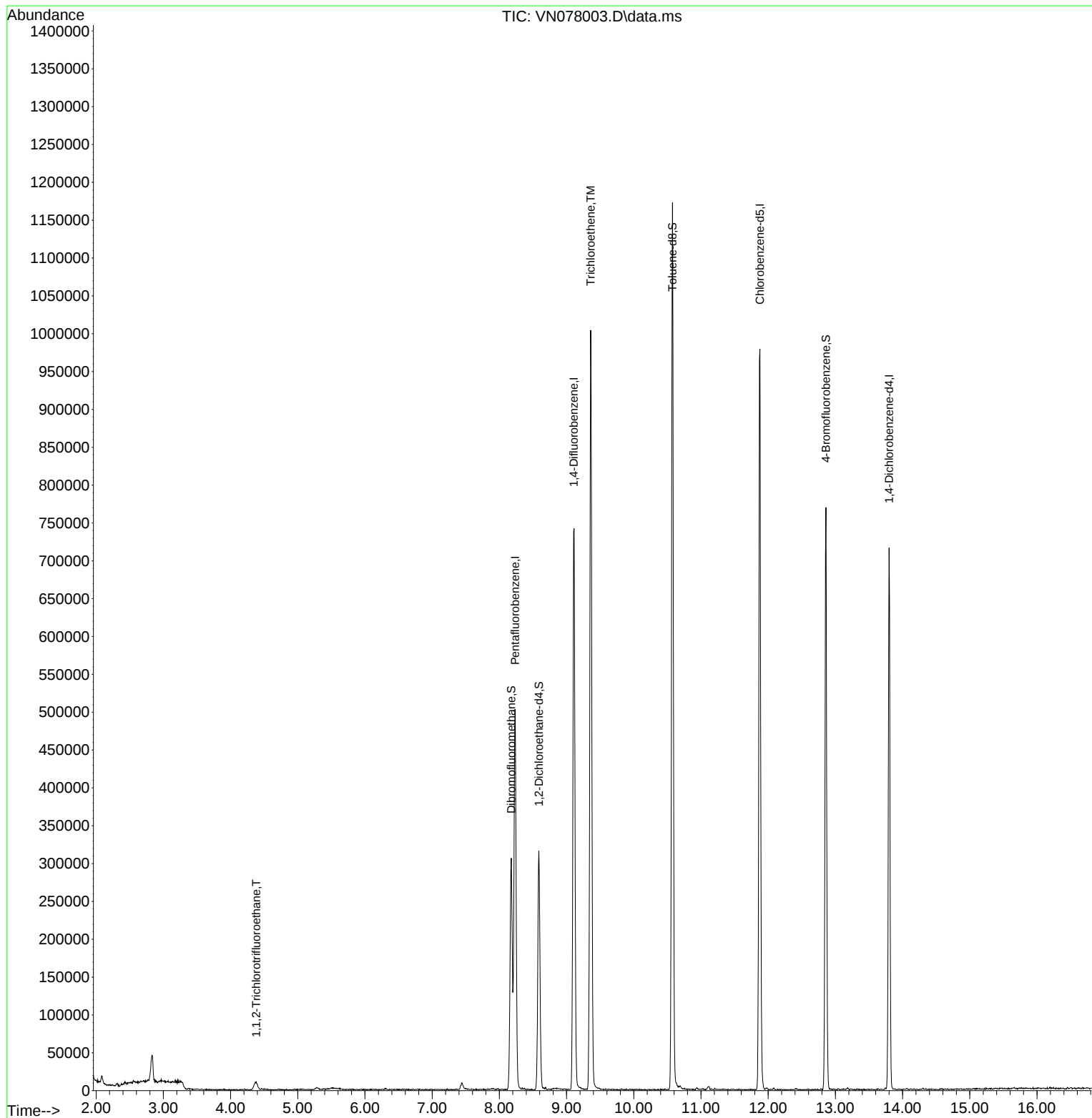
Internal Standards						
1) Pentafluorobenzene	8.235	168	360933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	669203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	600248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	191185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256359	47.470	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.940%
35) Dibromofluoromethane	8.177	113	219956	50.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.576	98	838339	49.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.859	95	273420	46.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.383	101	6551	1.640	ug/l #	89
44) Trichloroethene	9.359	130	360326	75.552	ug/l	97

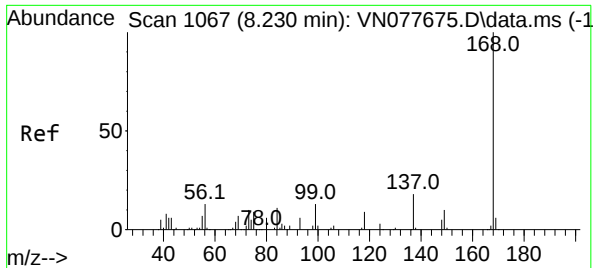
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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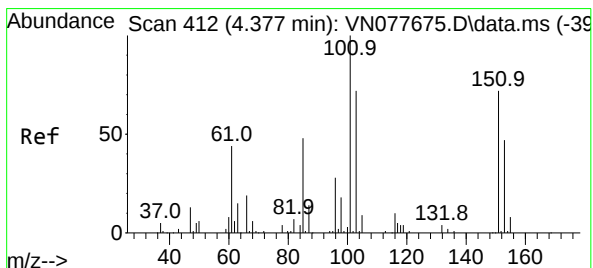
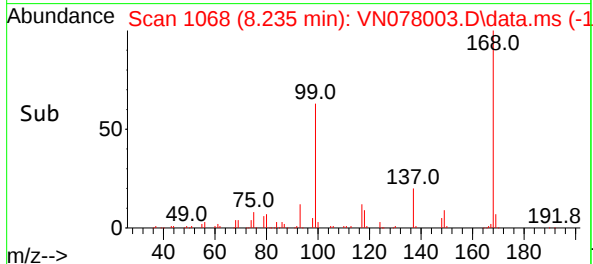
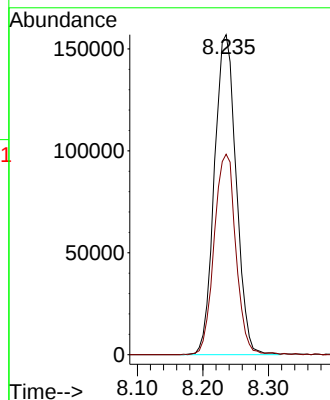
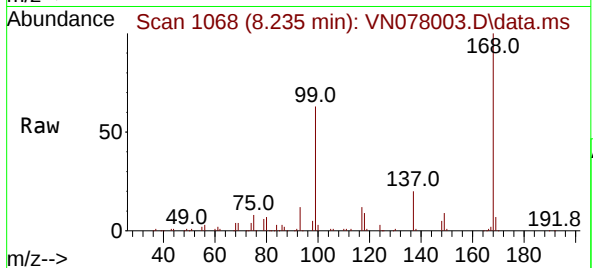




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078003.D
Acq: 31 May 2023 19:19

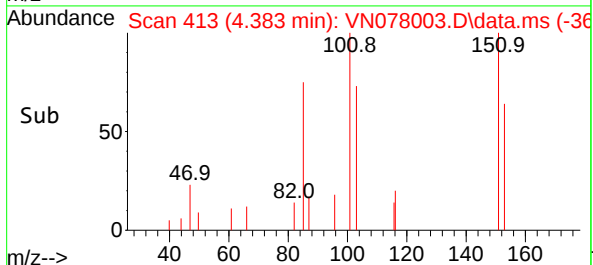
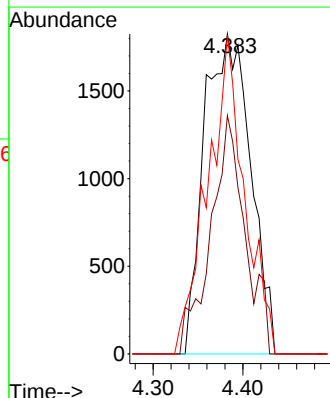
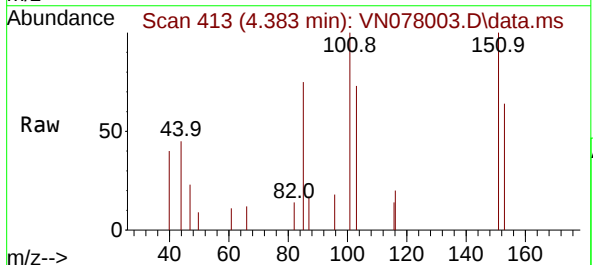
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523

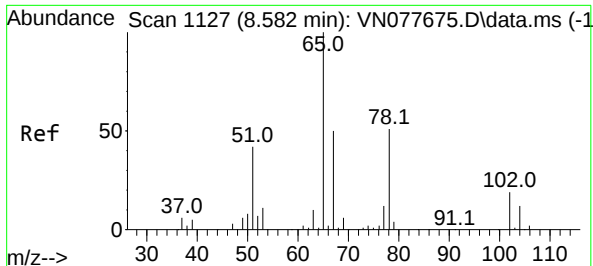
Tgt Ion:168 Resp: 360933
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.640 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078003.D
Acq: 31 May 2023 19:19

Tgt Ion:101 Resp: 6551
Ion Ratio Lower Upper
101 100
85 55.3 36.6 55.0#
151 78.9 57.6 86.4





#33

1,2-Dichloroethane-d4

Concen: 47.470 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078003.D

Acq: 31 May 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

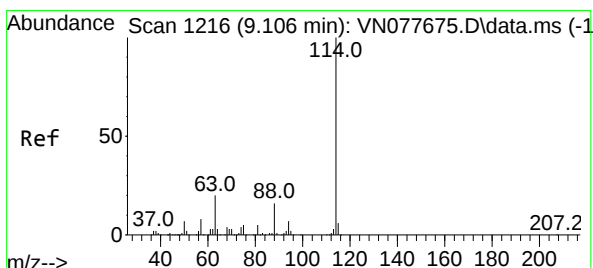
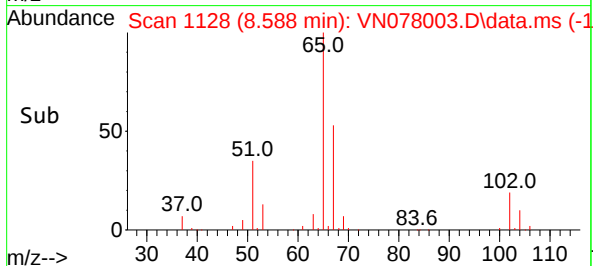
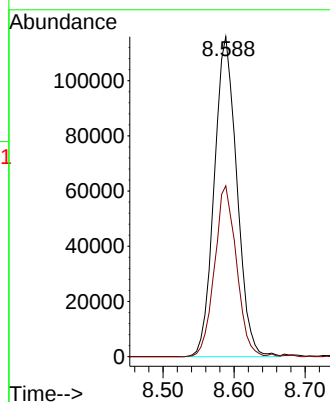
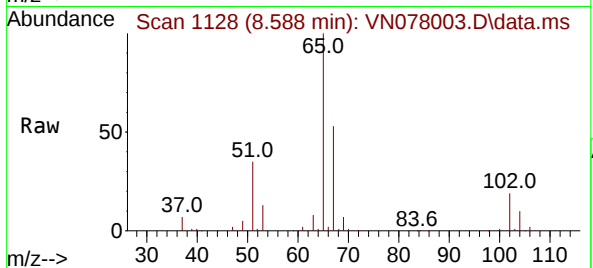
TT101D2-20230523

Tgt Ion: 65 Resp: 256359

Ion Ratio Lower Upper

65 100

67 51.7 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: VN078003.D

Acq: 31 May 2023 19:19

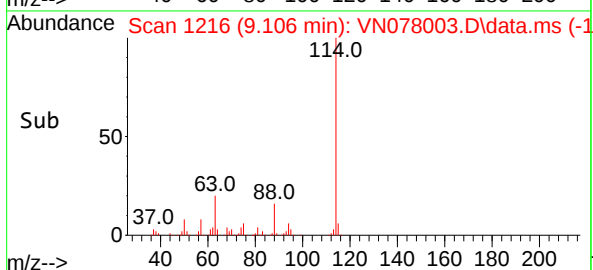
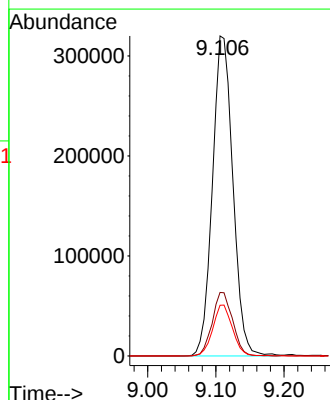
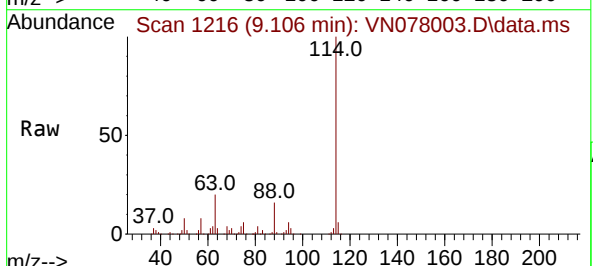
Tgt Ion: 114 Resp: 669203

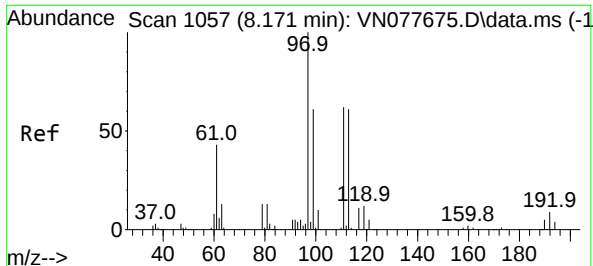
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078003.D

Acq: 31 May 2023 19:19

Instrument :

MSVOA_N

ClientSampleId :

TT101D2-20230523

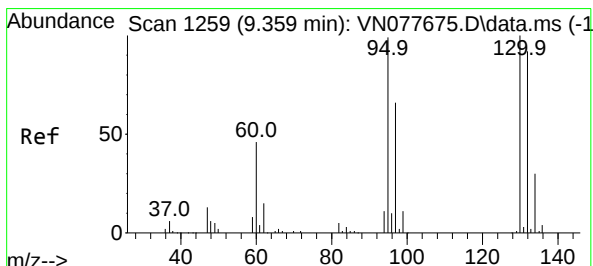
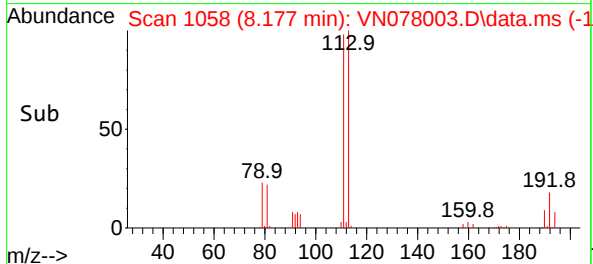
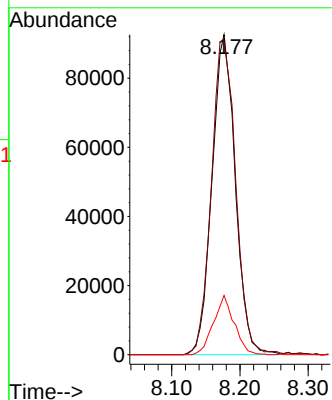
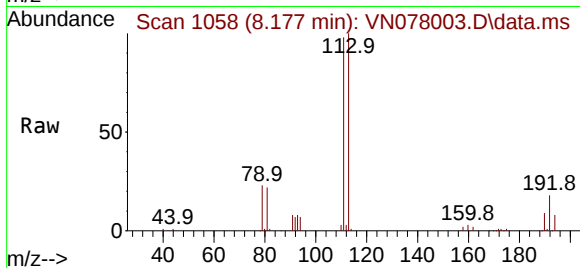
Tgt Ion:113 Resp: 219956

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.5 12.7 19.1



#44

Trichloroethene

Concen: 75.552 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078003.D

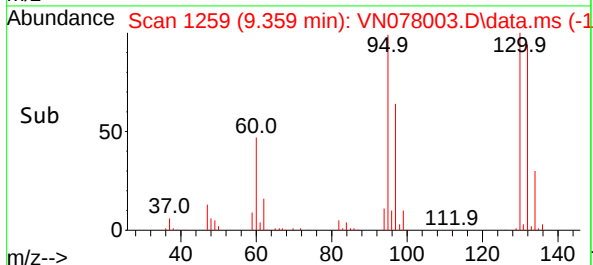
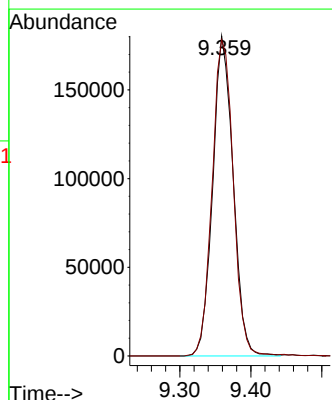
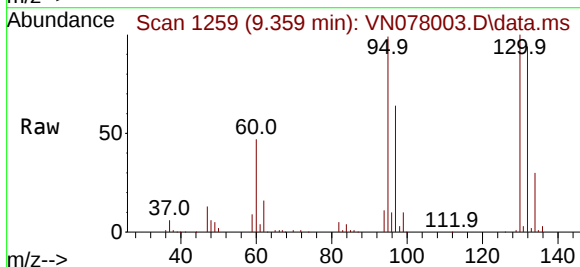
Acq: 31 May 2023 19:19

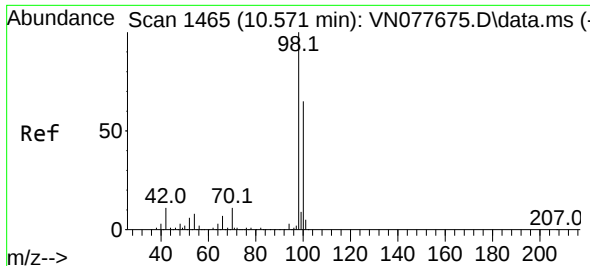
Tgt Ion:130 Resp: 360326

Ion Ratio Lower Upper

130 100

95 98.8 0.0 204.6

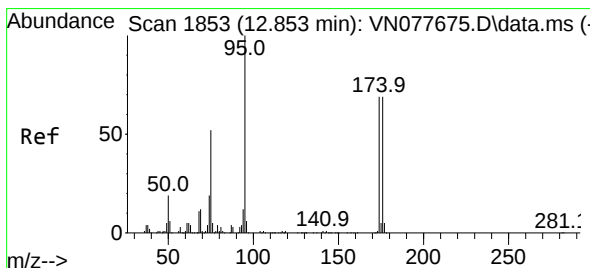
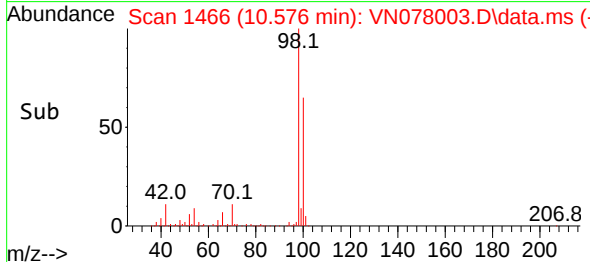
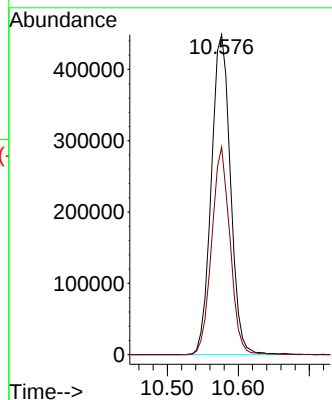
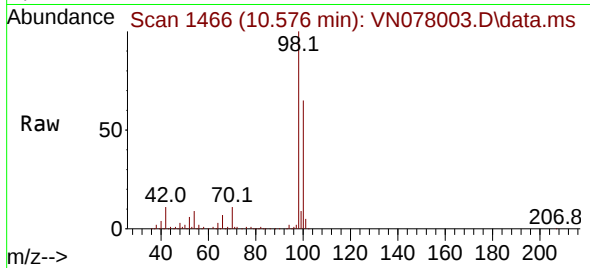




#50
Toluene-d8
Concen: 49.911 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078003.D
Acq: 31 May 2023 19:19

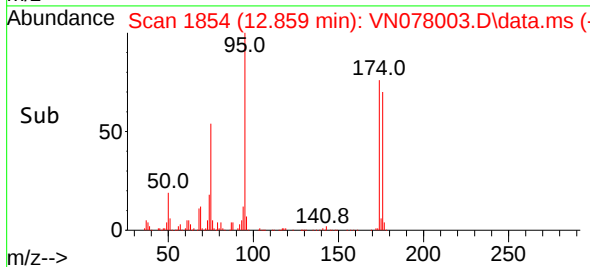
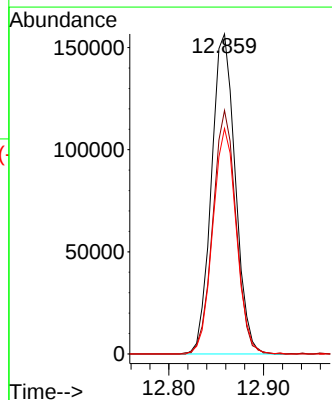
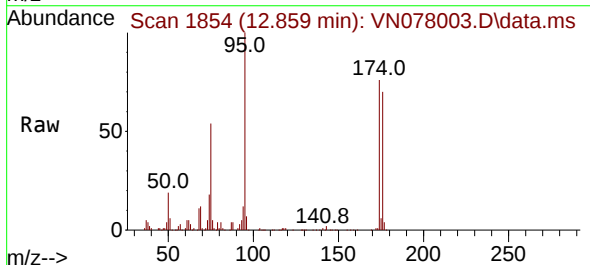
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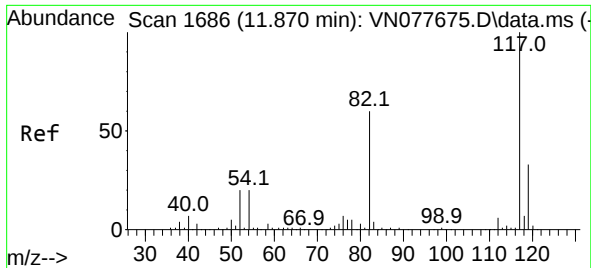
Tgt Ion: 98 Resp: 838339
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.091 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078003.D
Acq: 31 May 2023 19:19

Tgt Ion: 95 Resp: 273420
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.1 0.0 135.8

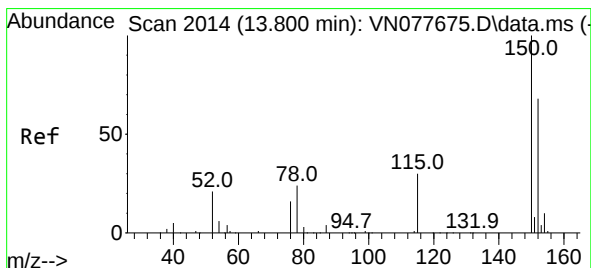
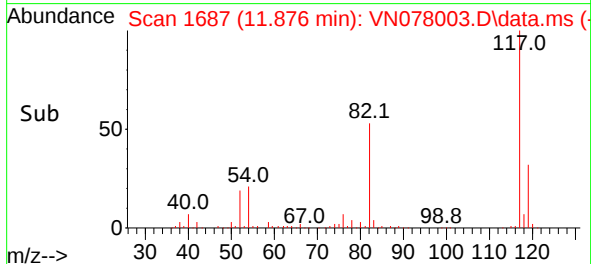
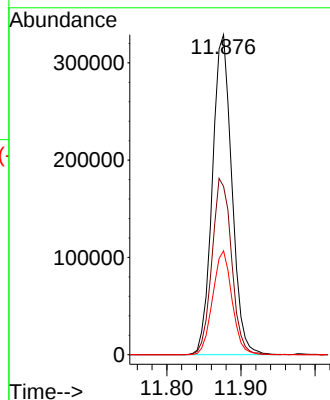
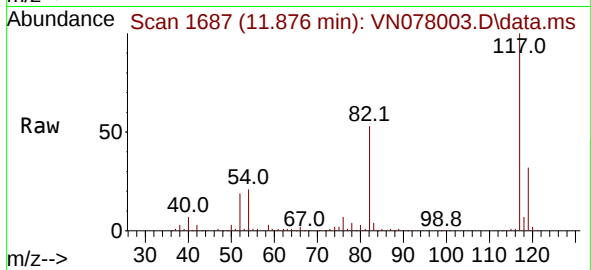




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078003.D
Acq: 31 May 2023 19:19

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20230523

Tgt Ion:117 Resp: 600248
Ion Ratio Lower Upper
117 100
82 52.6 44.0 66.0
119 32.5 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: VN078003.D
Acq: 31 May 2023 19:19

Tgt Ion:152 Resp: 191185
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 159.0 0.0 355.8

