

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN078004.D
 Acq On : 31 May 2023 19:46
 Operator : JC\MD
 Sample : 02973-11DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INTERCEPTOR-SUMP-20230526DL

Quant Time: Jun 01 01:58:34 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)

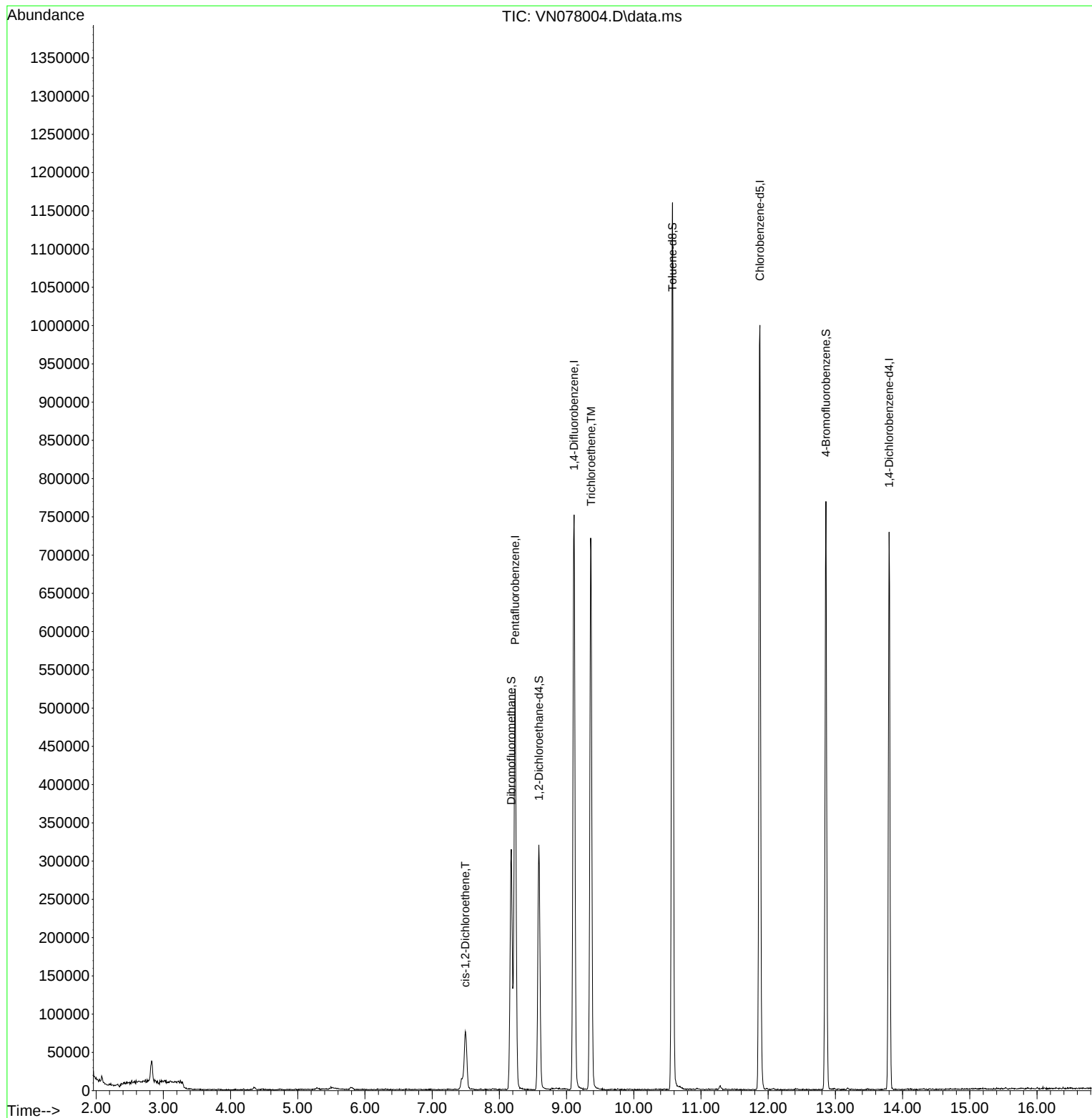
Internal Standards						
1) Pentafluorobenzene	8.235	168	370099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	681613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	604562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	193766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264335	47.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.460%
35) Dibromofluoromethane	8.177	113	224311	50.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	10.576	98	849348	49.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.859	95	274203	45.381	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
27) cis-1,2-Dichloroethene	7.494	96	47332	9.028	ug/l	96
44) Trichloroethene	9.365	130	259653	53.452	ug/l	99

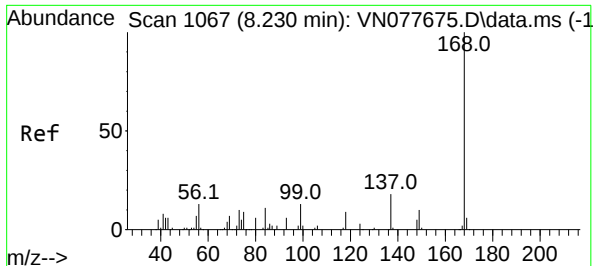
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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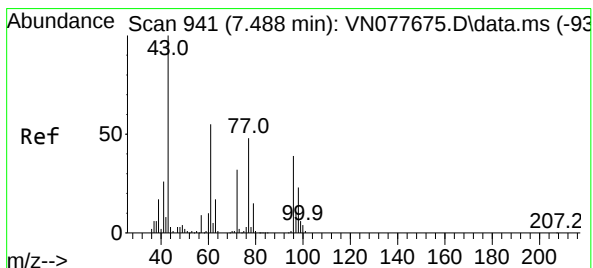
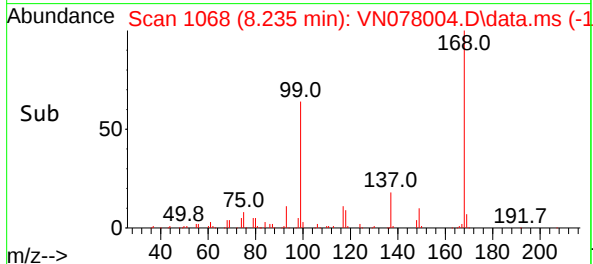
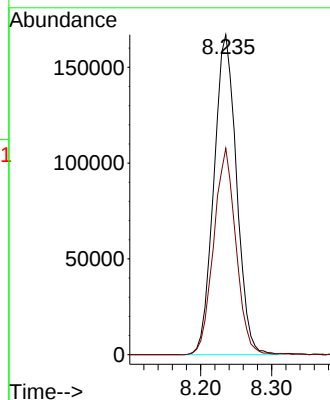
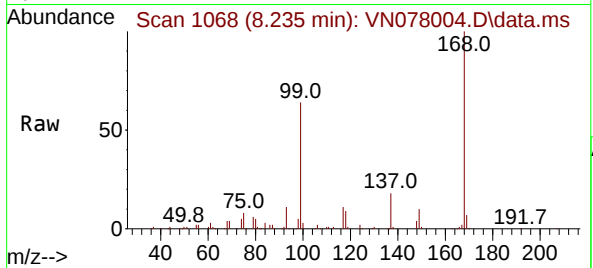




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN078004.D
Acq: 31 May 2023 19:46

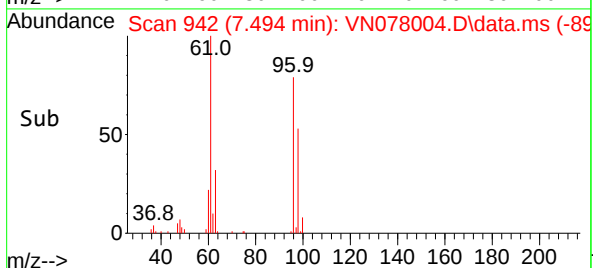
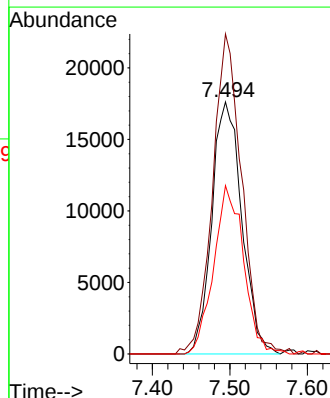
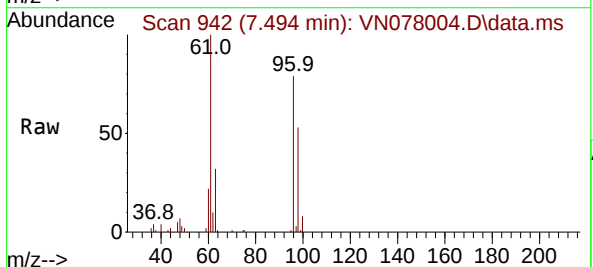
Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

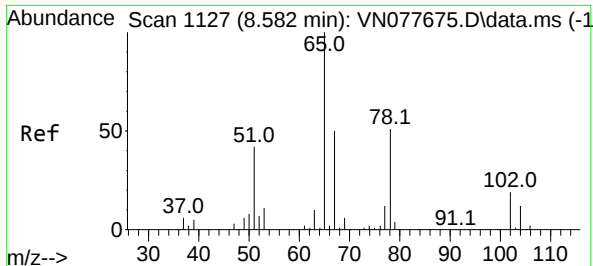
Tgt Ion:168 Resp: 370099
Ion Ratio Lower Upper
168 100
99 64.5 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 9.028 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078004.D
Acq: 31 May 2023 19:46

Tgt Ion: 96 Resp: 47332
Ion Ratio Lower Upper
96 100
61 122.9 0.0 255.2
98 66.6 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 47.734 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078004.D

Acq: 31 May 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

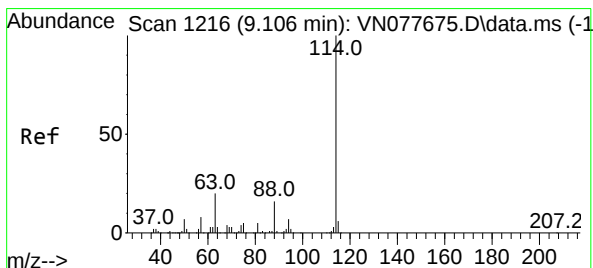
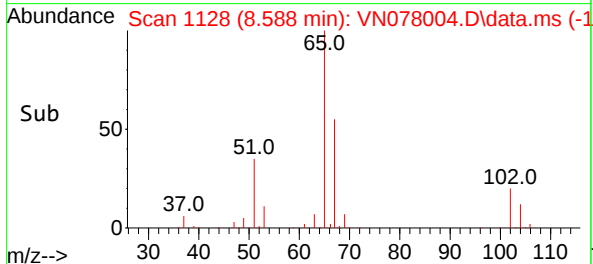
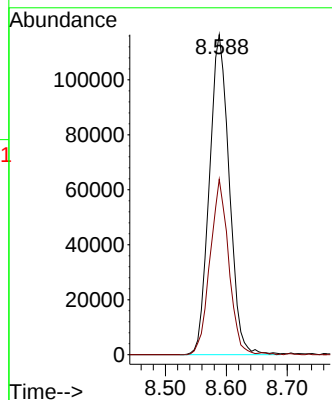
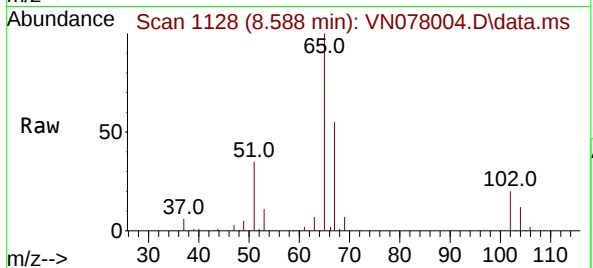
INTERCEPTOR-SUMP-20230526DL

Tgt Ion: 65 Resp: 264335

Ion Ratio Lower Upper

65 100

67 51.3 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: VN078004.D

Acq: 31 May 2023 19:46

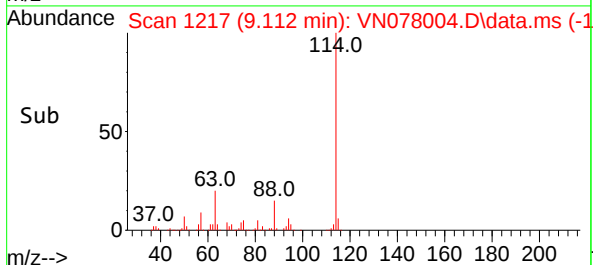
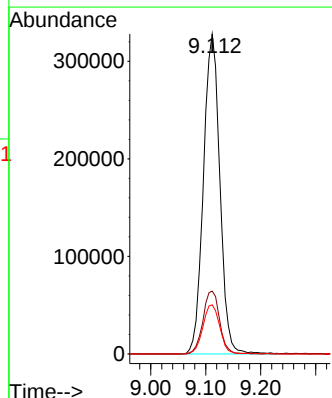
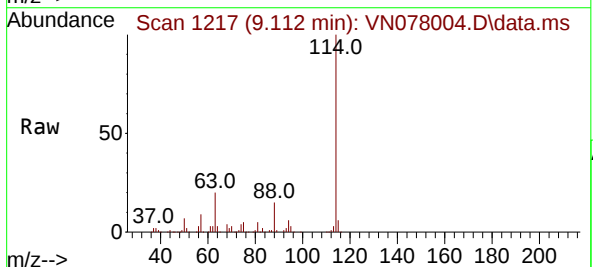
Tgt Ion: 114 Resp: 681613

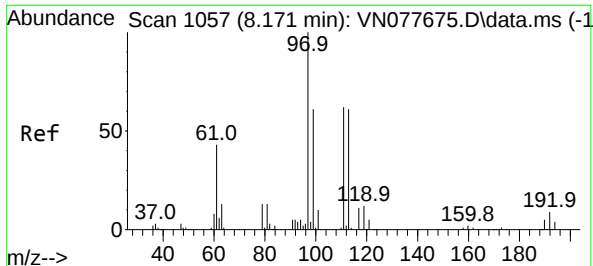
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.467 ug/l

RT: 8.177 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN078004.D

Acq: 31 May 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

INTERCEPTOR-SUMP-20230526DL

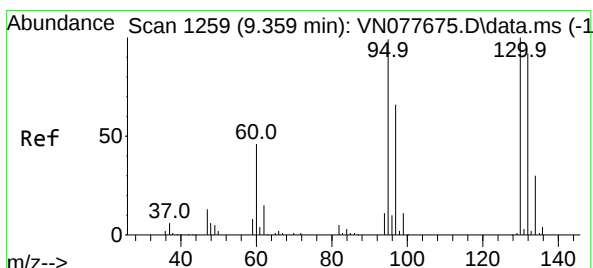
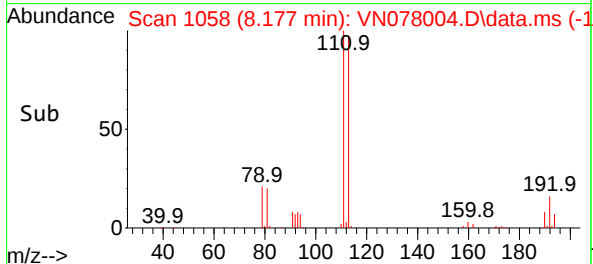
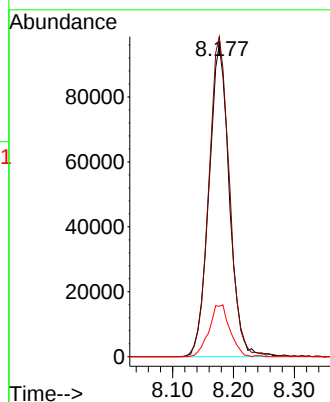
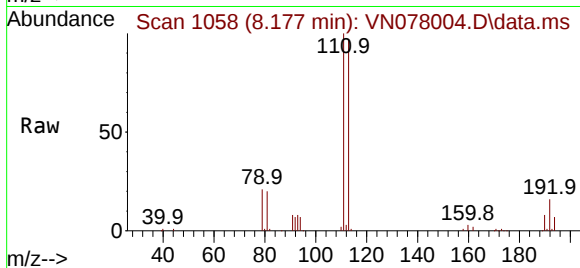
Tgt Ion:113 Resp: 224311

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 16.9 12.7 19.1



#44

Trichloroethene

Concen: 53.452 ug/l

RT: 9.365 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VN078004.D

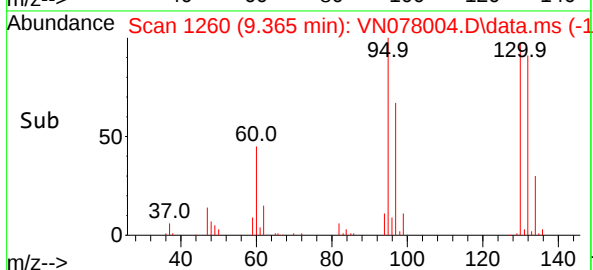
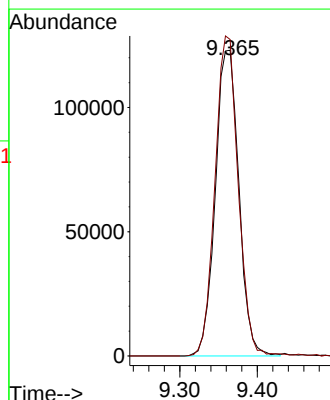
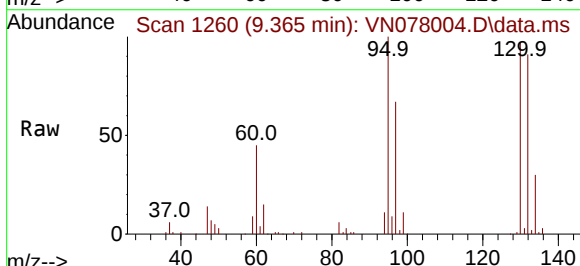
Acq: 31 May 2023 19:46

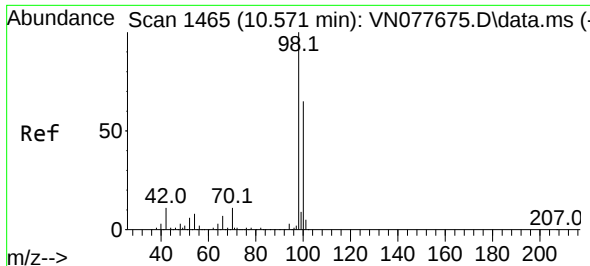
Tgt Ion:130 Resp: 259653

Ion Ratio Lower Upper

130 100

95 103.5 0.0 204.6

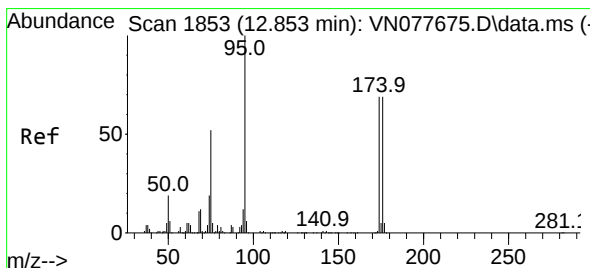
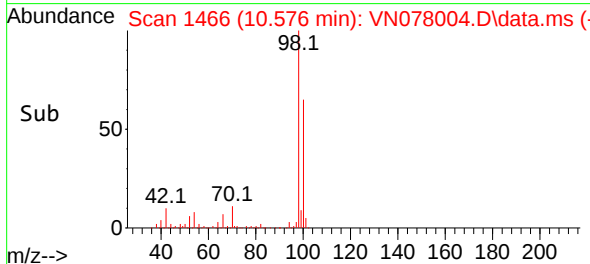
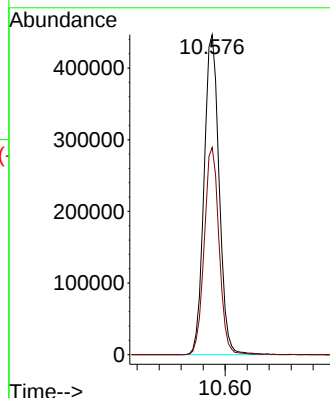
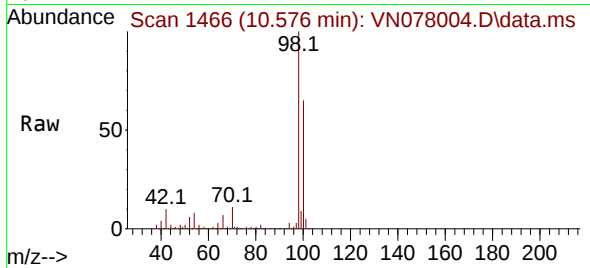




#50
Toluene-d8
Concen: 49.646 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078004.D
Acq: 31 May 2023 19:46

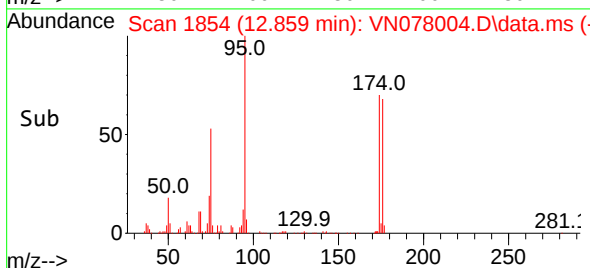
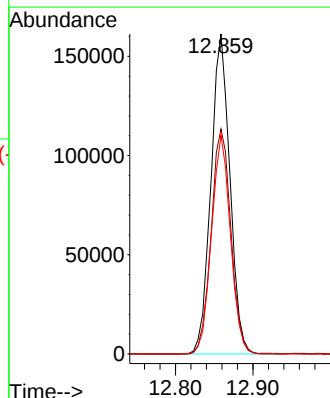
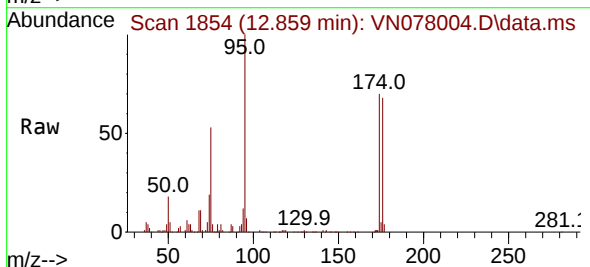
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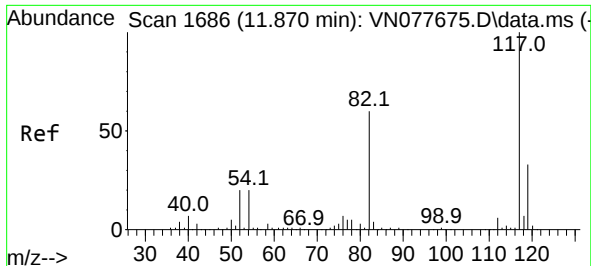
Tgt Ion: 98 Resp: 849348
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.381 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078004.D
Acq: 31 May 2023 19:46

Tgt Ion: 95 Resp: 274203
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 68.1 0.0 135.8

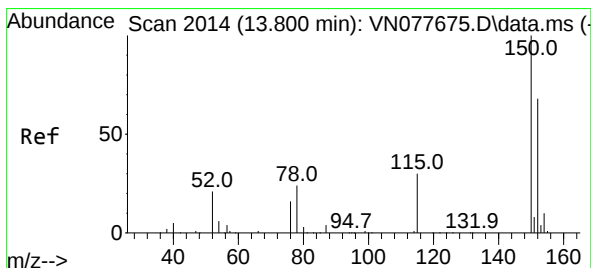
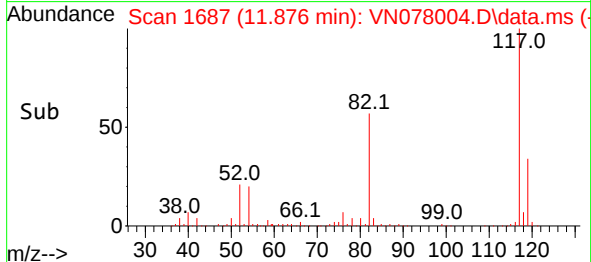
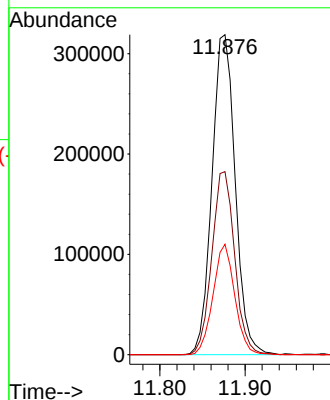
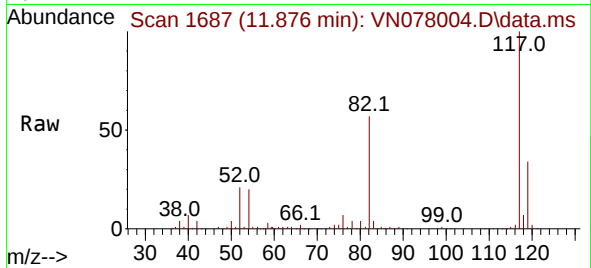




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN078004.D
Acq: 31 May 2023 19:46

Instrument :
MSVOA_N
ClientSampleId :
INTERCEPTOR-SUMP-20230526DL

Tgt Ion:117 Resp: 604562
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 34.5 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: VN078004.D
Acq: 31 May 2023 19:46

Tgt Ion:152 Resp: 193766
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 156.7 0.0 355.8

