

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080283.D
 Acq On : 27 Nov 2023 18:23
 Operator : JC\MD
 Sample : 05546-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1146

Quant Time: Nov 28 02:10:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

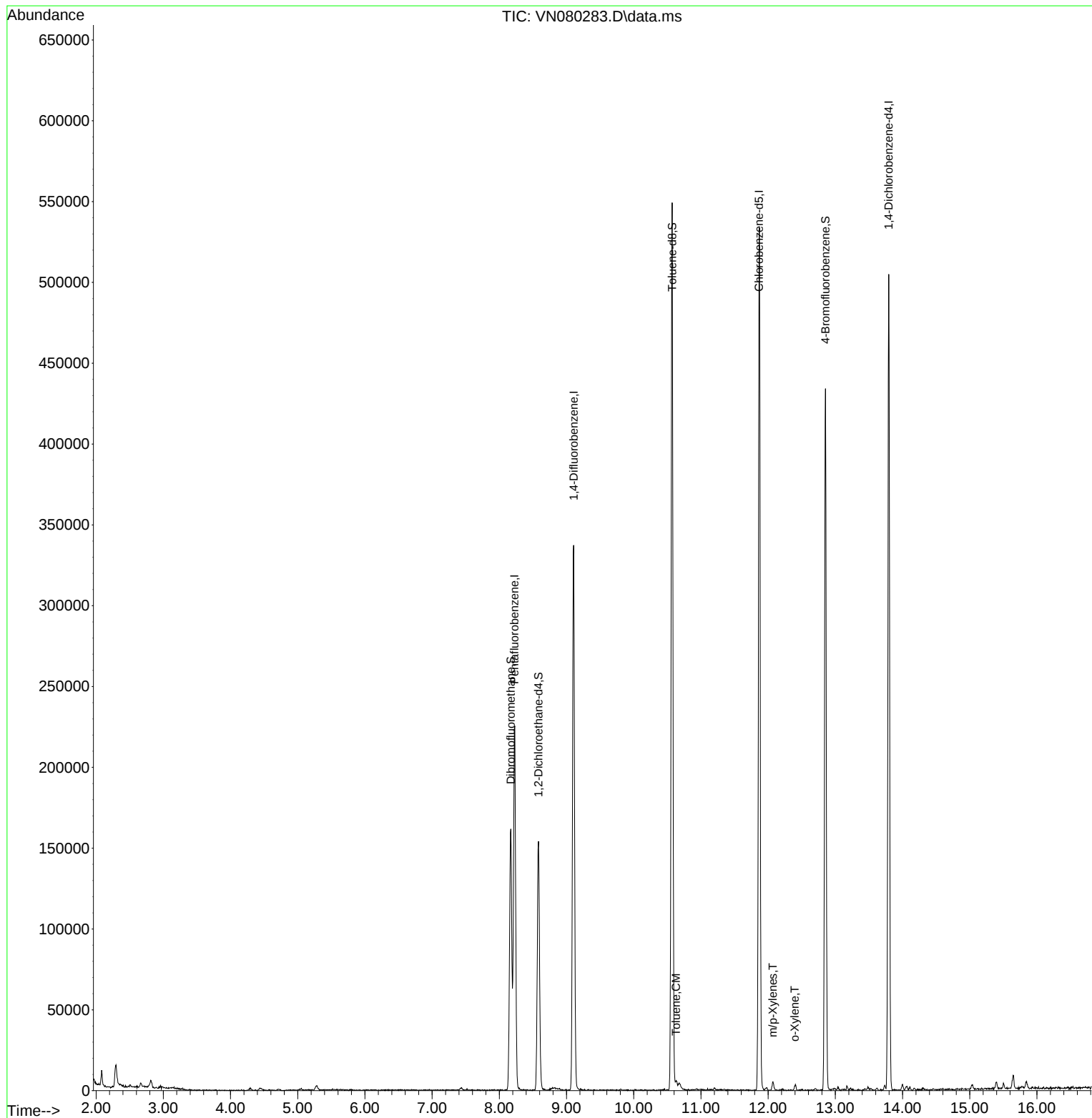
Internal Standards						
1) Pentafluorobenzene	8.224	168	157464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144169	55.450	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.900%
35) Dibromofluoromethane	8.171	113	113051	53.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.400%
50) Toluene-d8	10.571	98	379107	49.953	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.853	95	152167	53.083	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.160%
Target Compounds						
						Qvalue
52) Toluene	10.630	92	2272	0.419	ug/l	91
68) m/p-Xylenes	12.071	106	2161	0.479	ug/l	92
69) o-Xylene	12.394	106	1042	0.245	ug/l	72

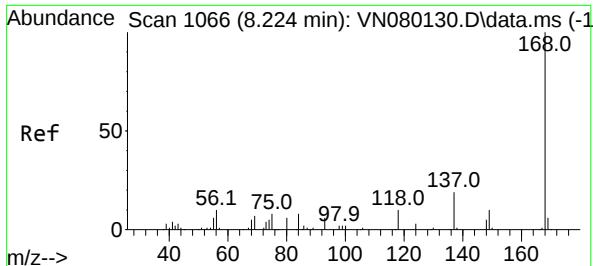
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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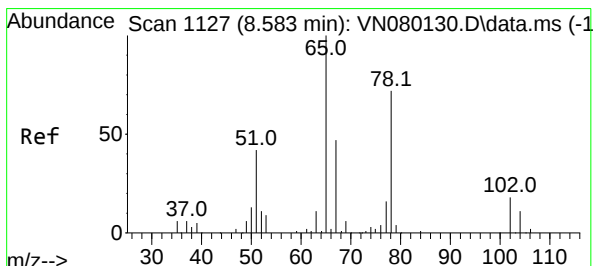
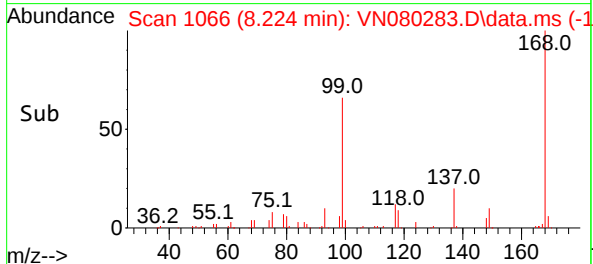
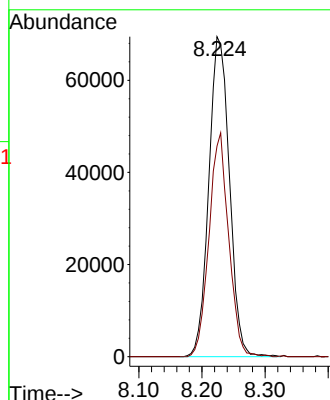
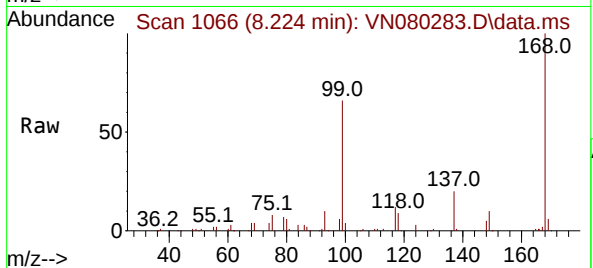




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080283.D
Acq: 27 Nov 2023 18:23

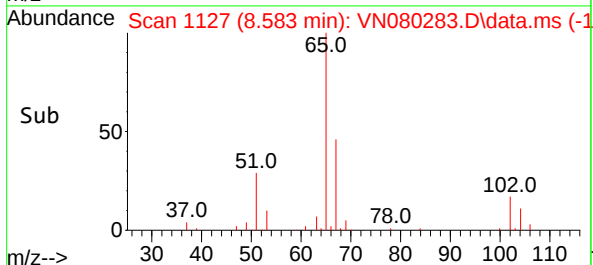
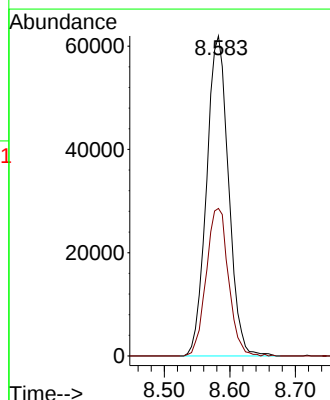
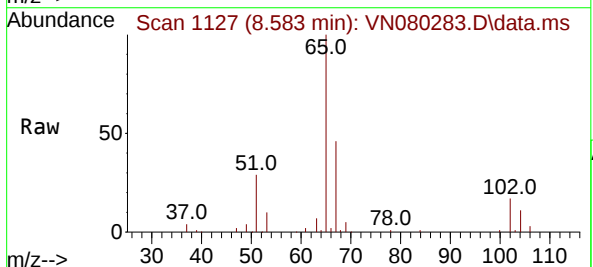
Instrument :
MSVOA_N
ClientSampleId :
1146

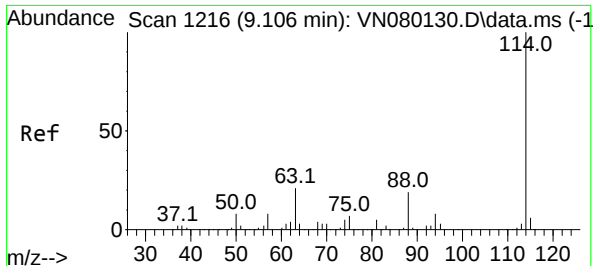
Tgt Ion:168 Resp: 157464
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.450 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080283.D
Acq: 27 Nov 2023 18:23

Tgt Ion: 65 Resp: 144169
Ion Ratio Lower Upper
65 100
67 46.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN080283.D

Acq: 27 Nov 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

1146

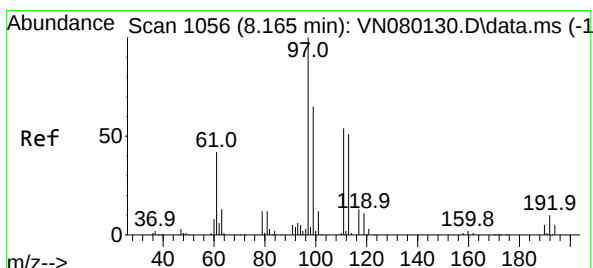
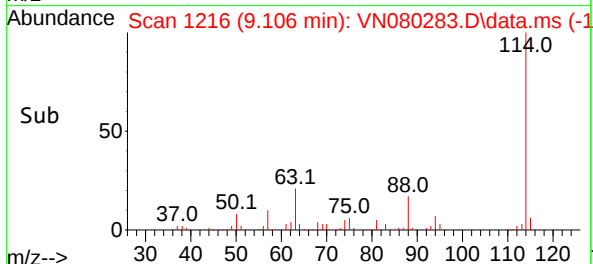
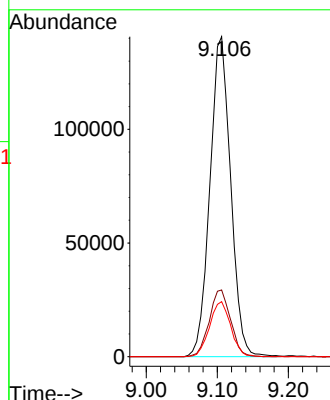
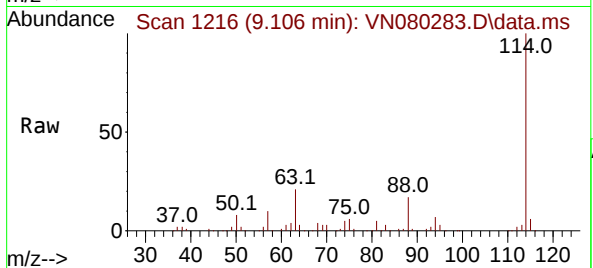
Tgt Ion:114 Resp: 285327

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.697 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080283.D

Acq: 27 Nov 2023 18:23

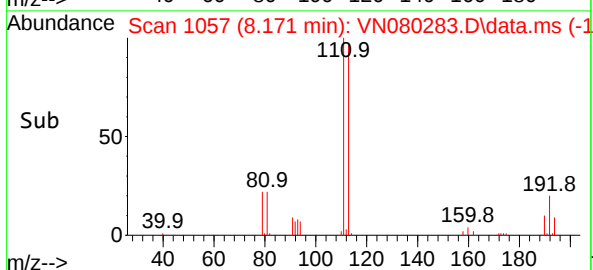
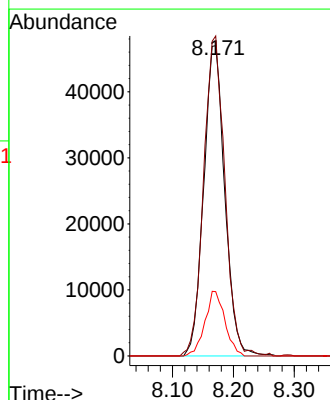
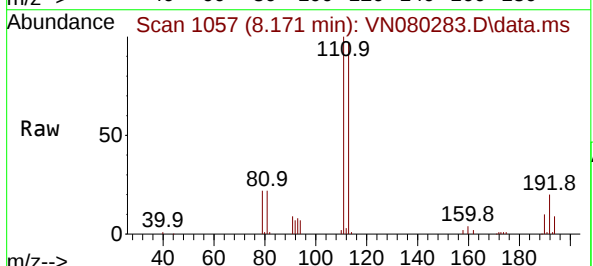
Tgt Ion:113 Resp: 113051

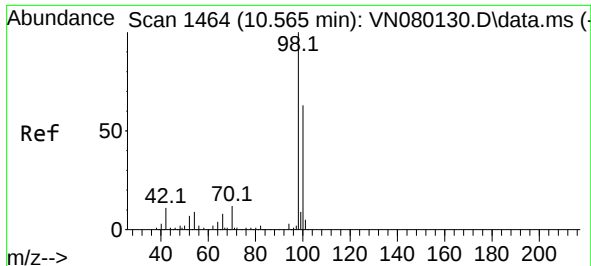
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 19.7 12.7 19.1#

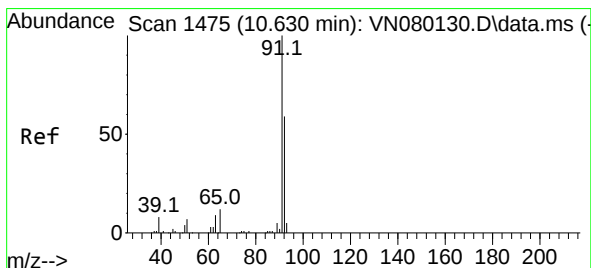
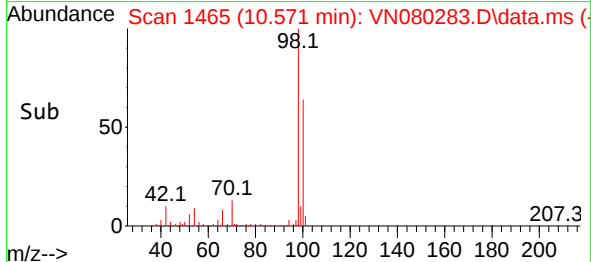
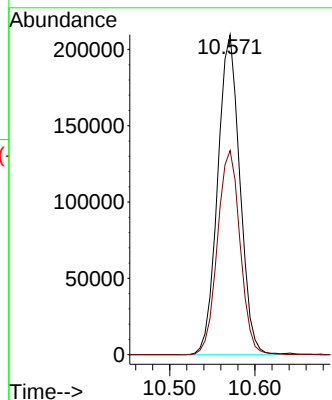
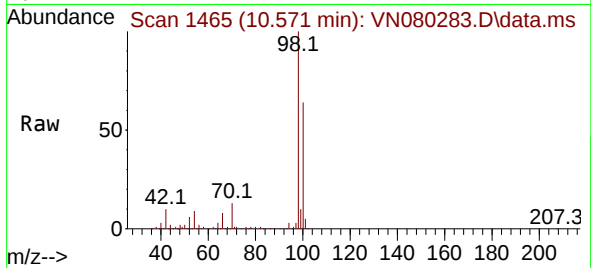




#50
Toluene-d8
Concen: 49.953 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080283.D
Acq: 27 Nov 2023 18:23

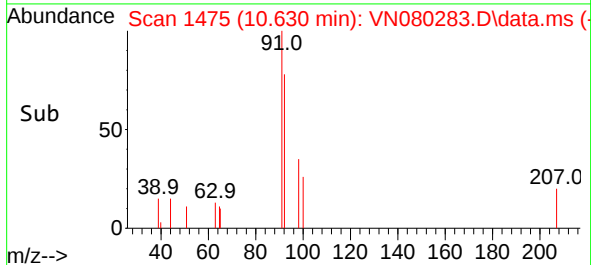
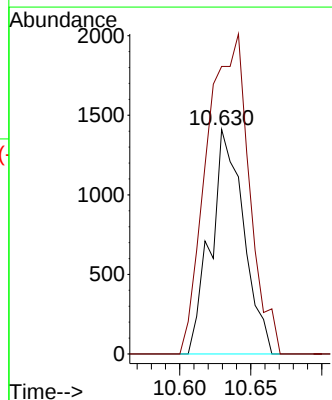
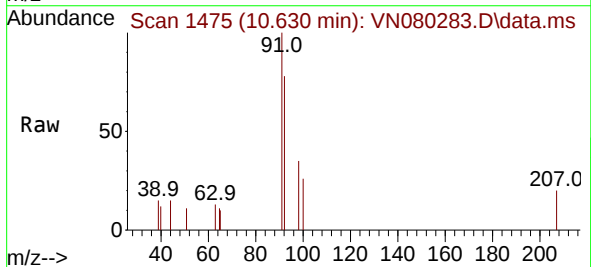
Instrument :
MSVOA_N
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1146

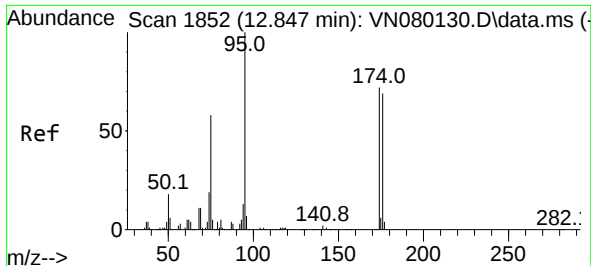
Tgt Ion: 98 Resp: 379107
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#52
Toluene
Concen: 0.419 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080283.D
Acq: 27 Nov 2023 18:23

Tgt Ion: 92 Resp: 2272
Ion Ratio Lower Upper
92 100
91 183.6 137.4 206.0

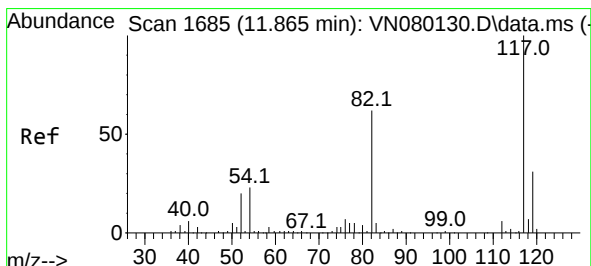
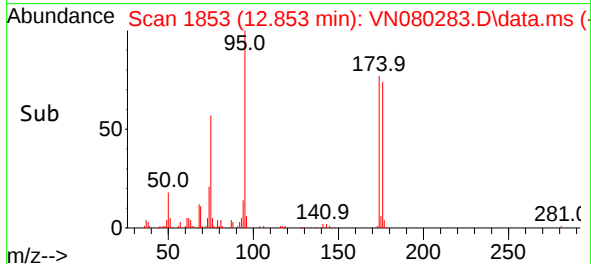
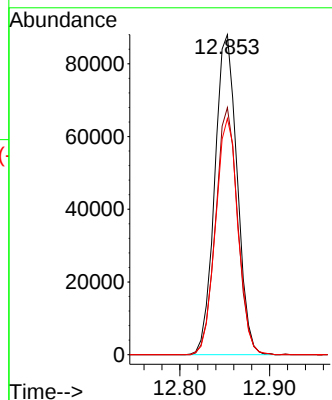
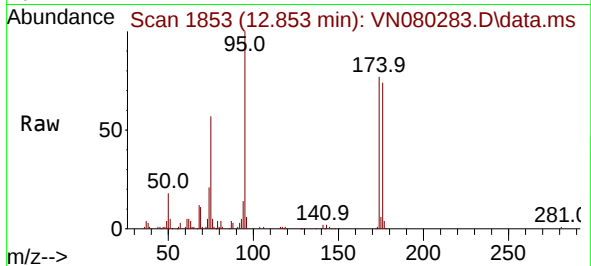




#62
4-Bromofluorobenzene
Concen: 53.083 ug/l
RT: 12.853 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080283.D
Acq: 27 Nov 2023 18:23

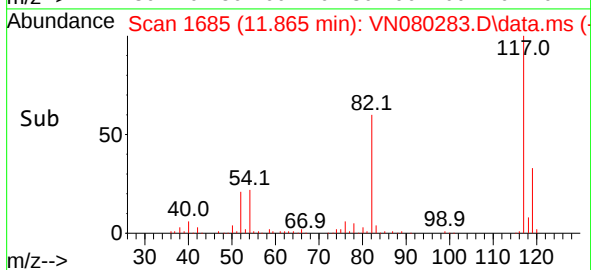
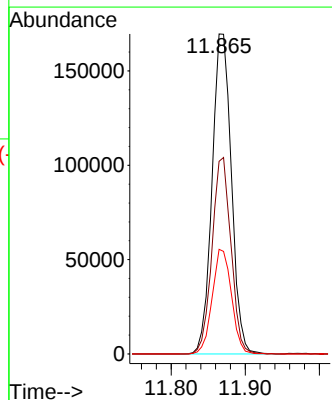
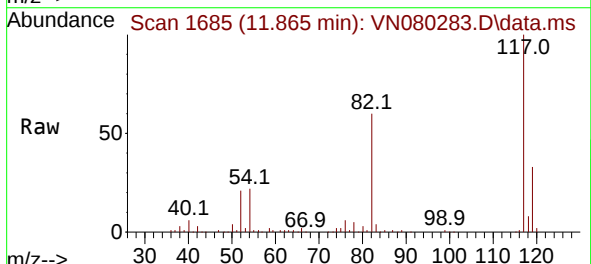
Instrument :
MSVOA_N
ClientSampleId :
1146

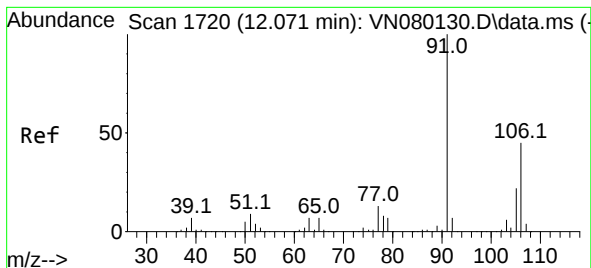
Tgt Ion: 95 Resp: 152167
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080283.D
Acq: 27 Nov 2023 18:23

Tgt Ion: 117 Resp: 306909
Ion Ratio Lower Upper
117 100
82 60.2 44.0 66.0
119 32.7 25.6 38.4





#68

m/p-Xylenes

Concen: 0.479 ug/l

RT: 12.071 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN080283.D

Acq: 27 Nov 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

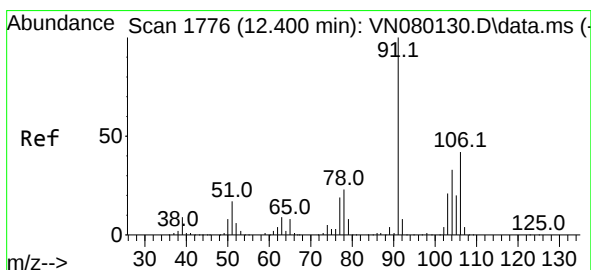
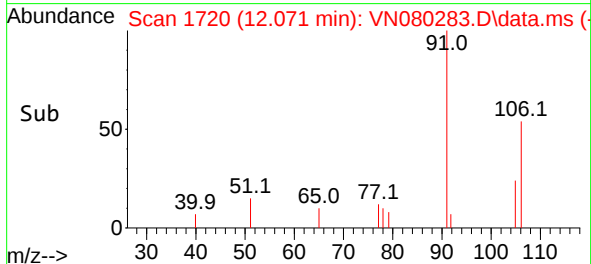
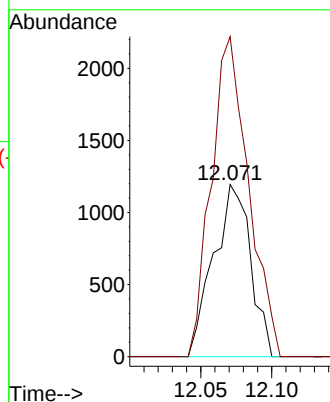
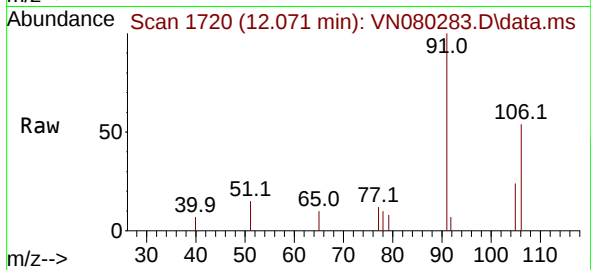
1146

Tgt Ion:106 Resp: 2161

Ion Ratio Lower Upper

106 100

91 187.2 159.6 239.4



#69

o-Xylene

Concen: 0.245 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN080283.D

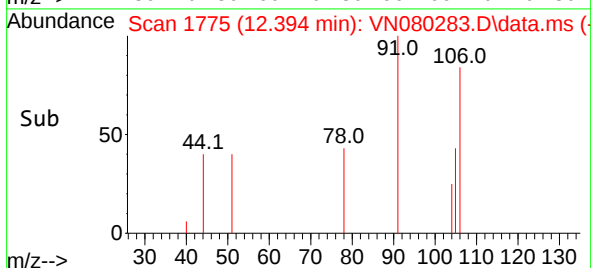
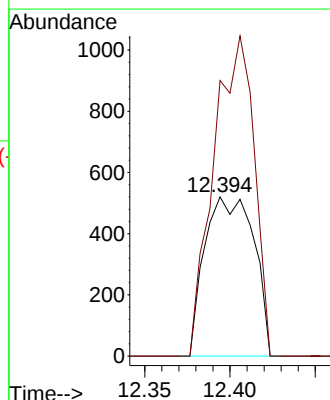
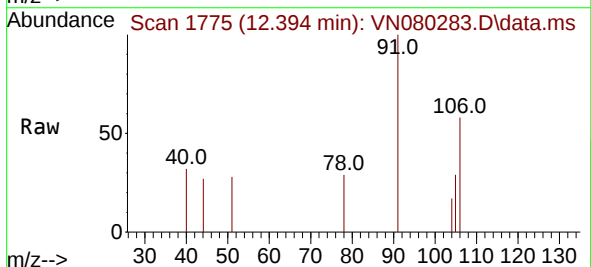
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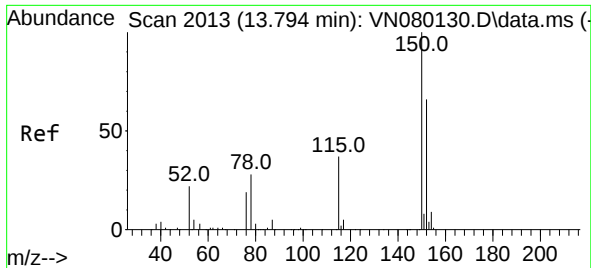
Tgt Ion:106 Resp: 1042

Ion Ratio Lower Upper

106 100

91 165.9 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN080283.D

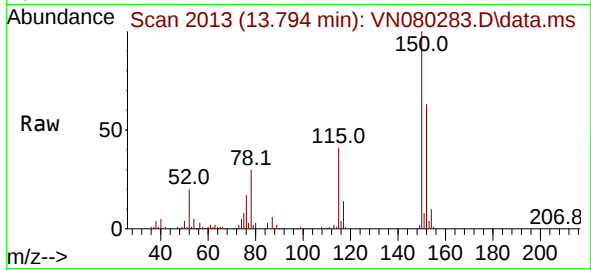
Acq: 27 Nov 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

1146



Tgt Ion:152 Resp: 136708

Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 160.5 0.0 355.8

