

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080744.D
 Acq On : 22 Jan 2024 18:34
 Operator : JC\MD
 Sample : P1179-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4

Quant Time: Jan 23 03:58:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

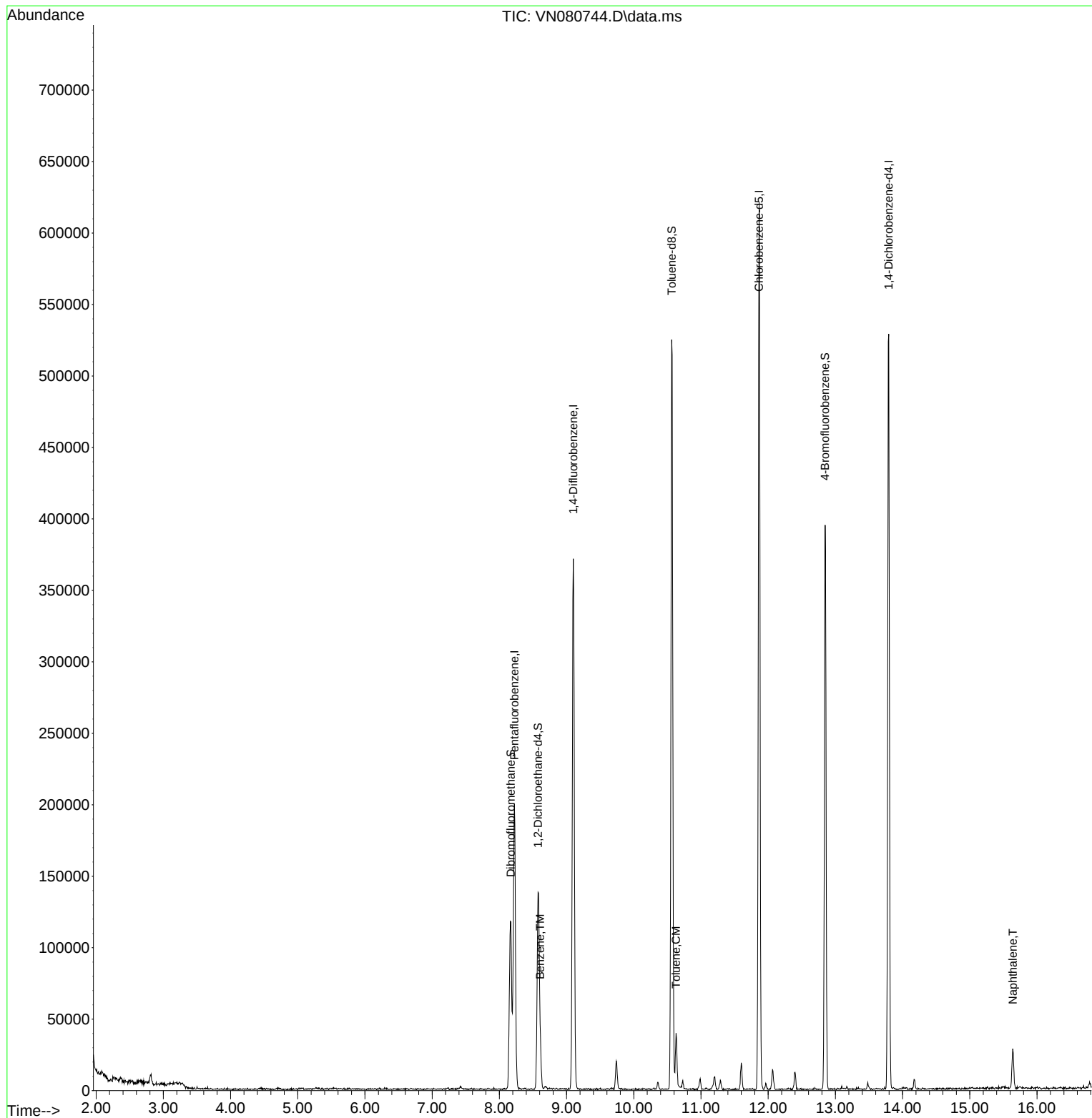
Internal Standards						
1) Pentafluorobenzene	8.224	168	131270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106645	46.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.520%
35) Dibromofluoromethane	8.171	113	86568	50.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.260%
50) Toluene-d8	10.565	98	349666	53.631	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.847	95	136365	54.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.080%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	25259	2.565	ug/l	95
52) Toluene	10.630	92	14478	2.566	ug/l	95
95) Naphthalene	15.641	128	22936	2.598	ug/l	96

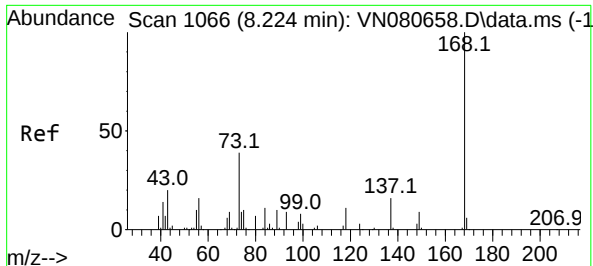
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

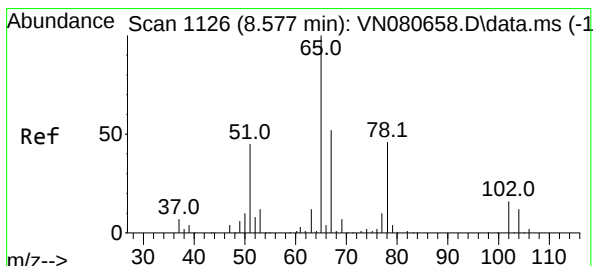
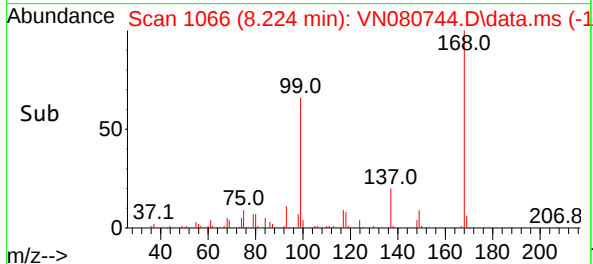
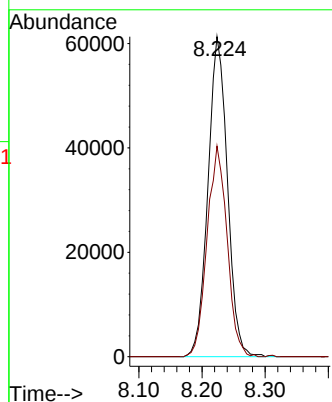
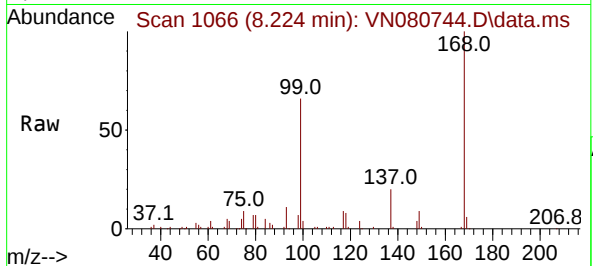




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

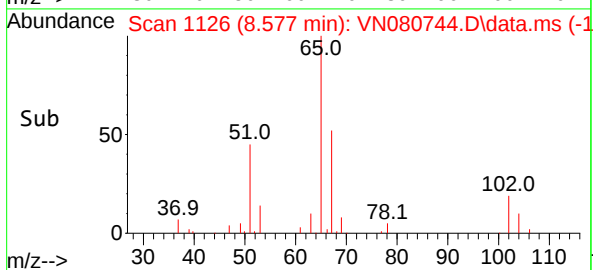
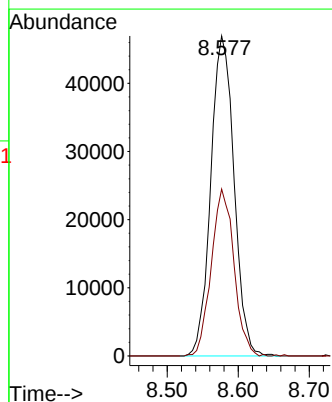
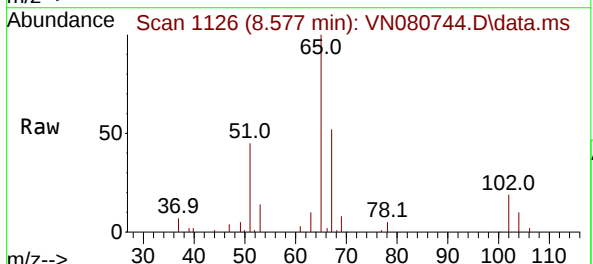
Instrument :
MSVOA_N
ClientSampleId :
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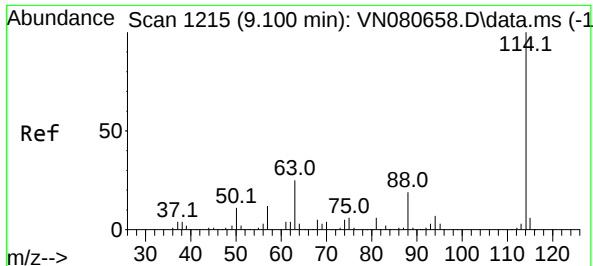
Tgt Ion:168 Resp: 131270
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.262 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 65 Resp: 106645
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

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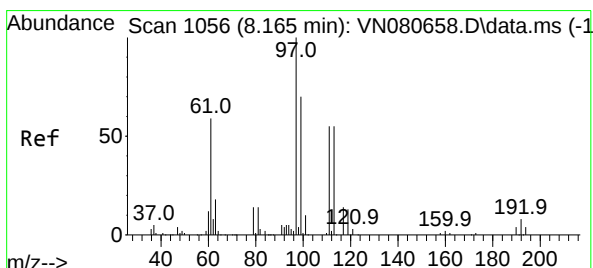
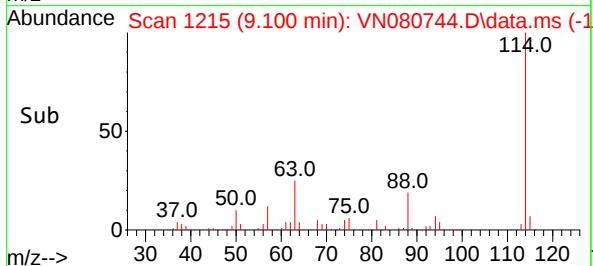
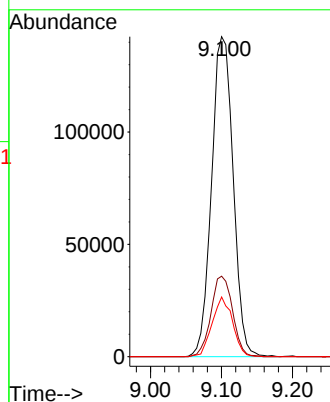
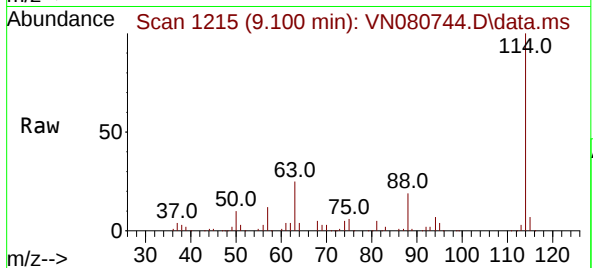
Tgt Ion:114 Resp: 300943

Ion Ratio Lower Upper

114 100

63 25.2 0.0 36.4

88 18.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.628 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

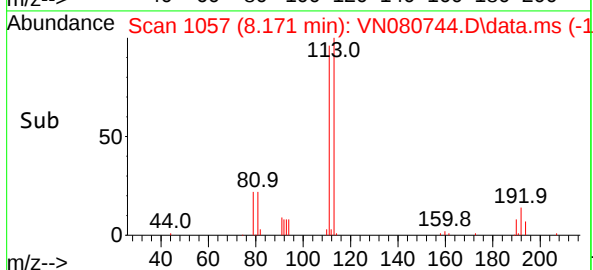
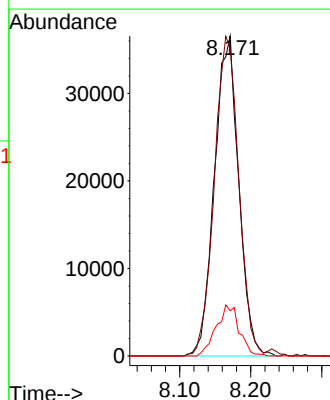
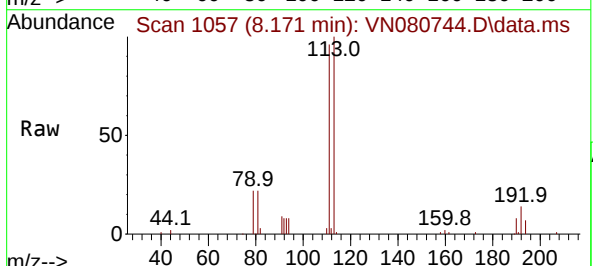
Tgt Ion:113 Resp: 86568

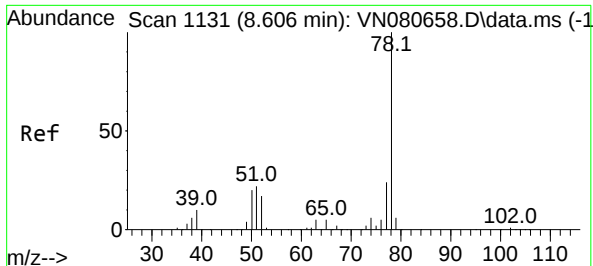
Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 15.1 12.7 19.1





#40

Benzene

Concen: 2.565 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080744.D

Acq: 22 Jan 2024 18:34

Instrument :

MSVOA_N

ClientSampleId :

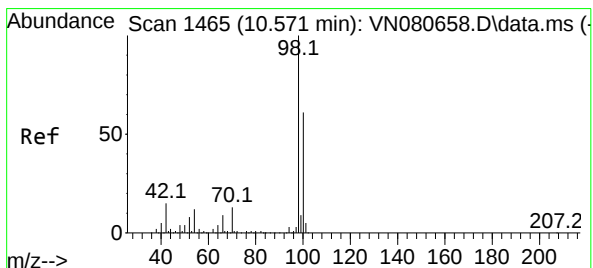
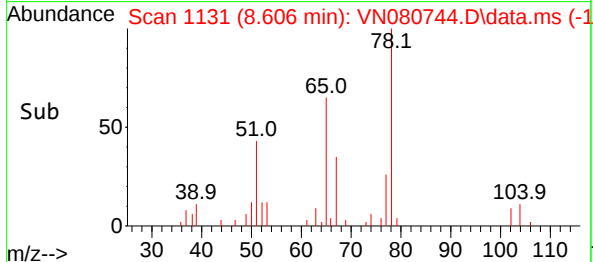
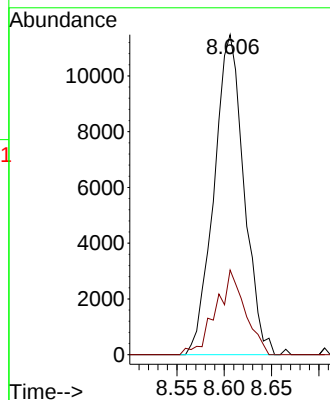
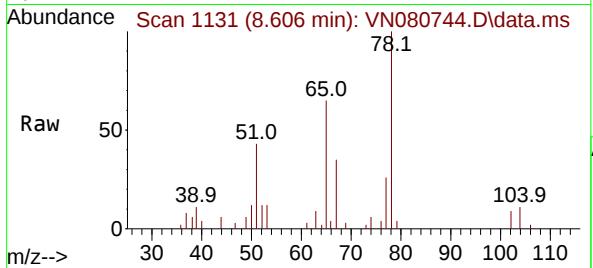
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Tgt Ion: 78 Resp: 25259

Ion Ratio Lower Upper

78 100

77 26.4 19.0 28.6



#50

Toluene-d8

Concen: 53.631 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080744.D

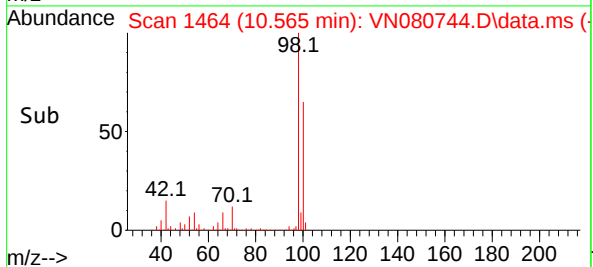
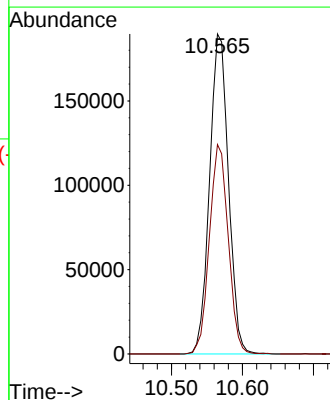
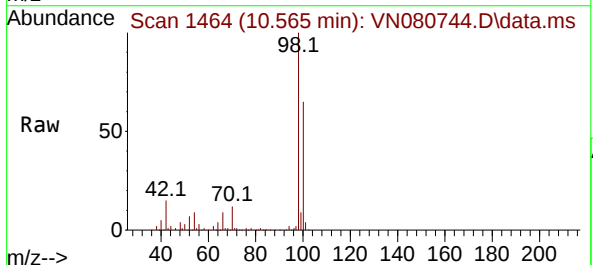
Acq: 22 Jan 2024 18:34

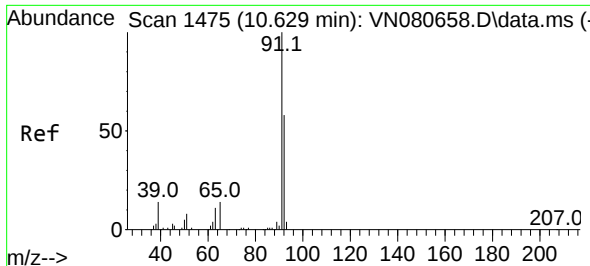
Tgt Ion: 98 Resp: 349666

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

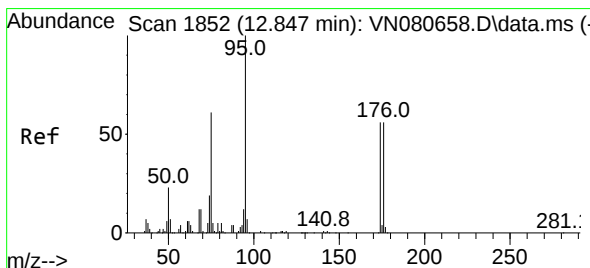
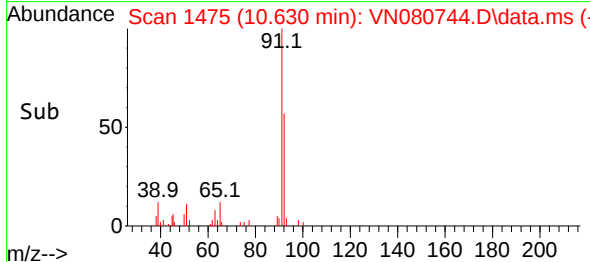
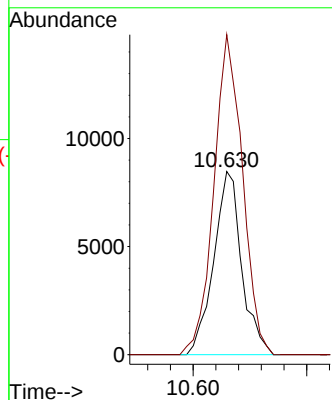
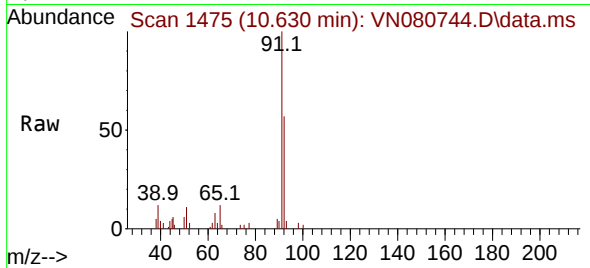




#52
Toluene
Concen: 2.566 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

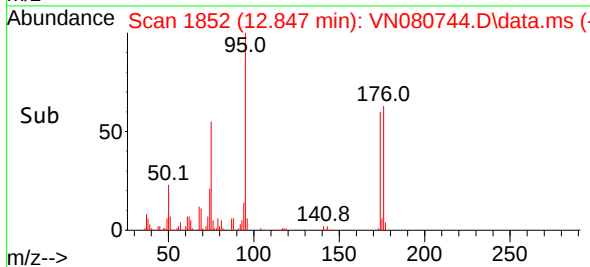
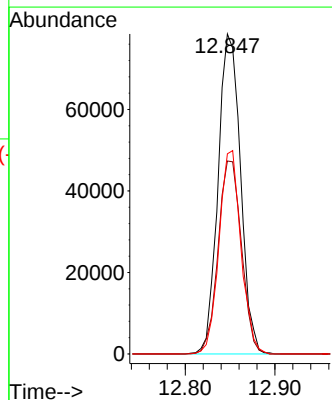
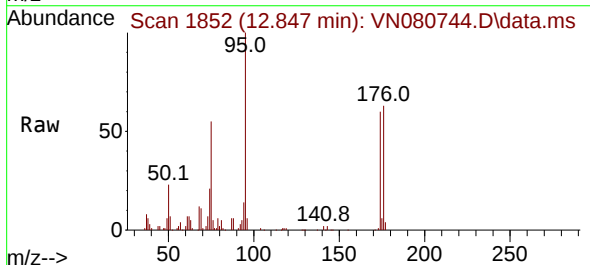
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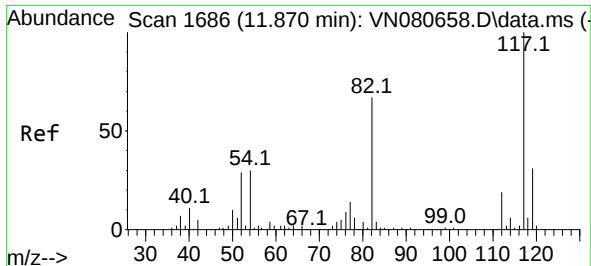
Tgt Ion: 92 Resp: 14478
Ion Ratio Lower Upper
92 100
91 179.2 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.541 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion: 95 Resp: 136365
Ion Ratio Lower Upper
95 100
174 62.7 0.0 143.8
176 62.0 0.0 135.8

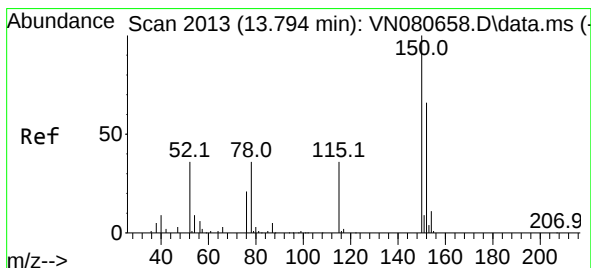
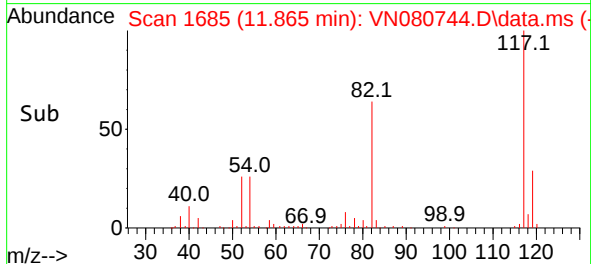
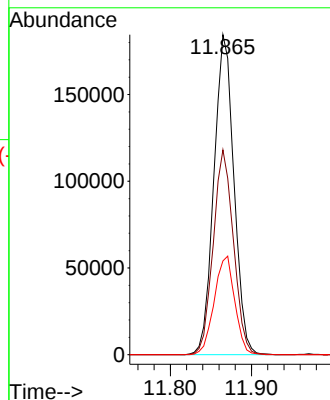
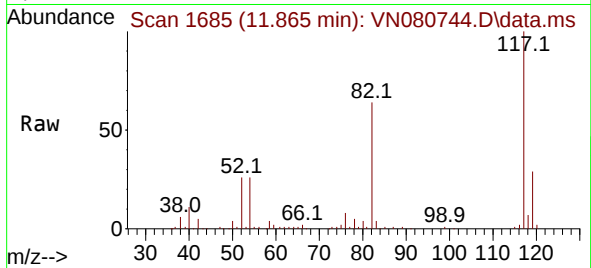




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

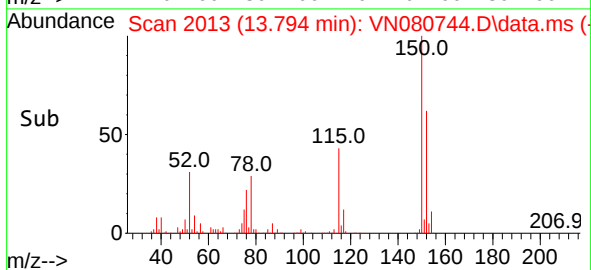
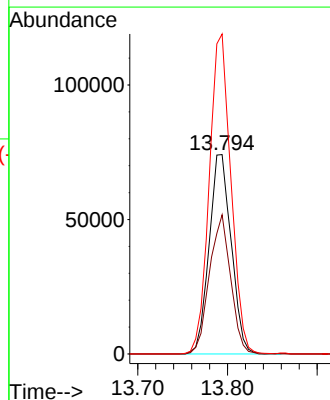
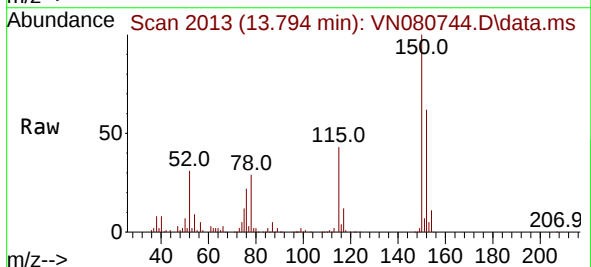
Instrument :
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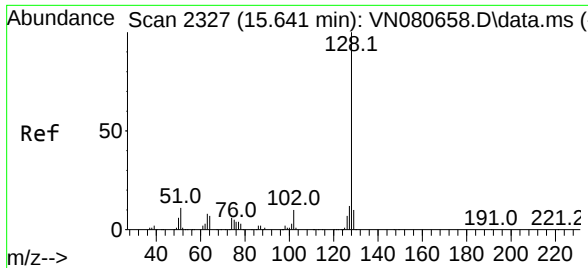
Tgt Ion:117 Resp: 316713
Ion Ratio Lower Upper
117 100
82 64.0 44.0 66.0
119 29.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Tgt Ion:152 Resp: 126726
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 157.3 0.0 355.8





#95
Naphthalene
Concen: 2.598 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080744.D
Acq: 22 Jan 2024 18:34

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	22936
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.0	15.0
129	11.6	8.7	13.1

