

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082668.D
 Acq On : 20 Jun 2024 15:12
 Operator : JC\MD
 Sample : P2993-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 528A

Quant Time: Jun 21 02:07:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

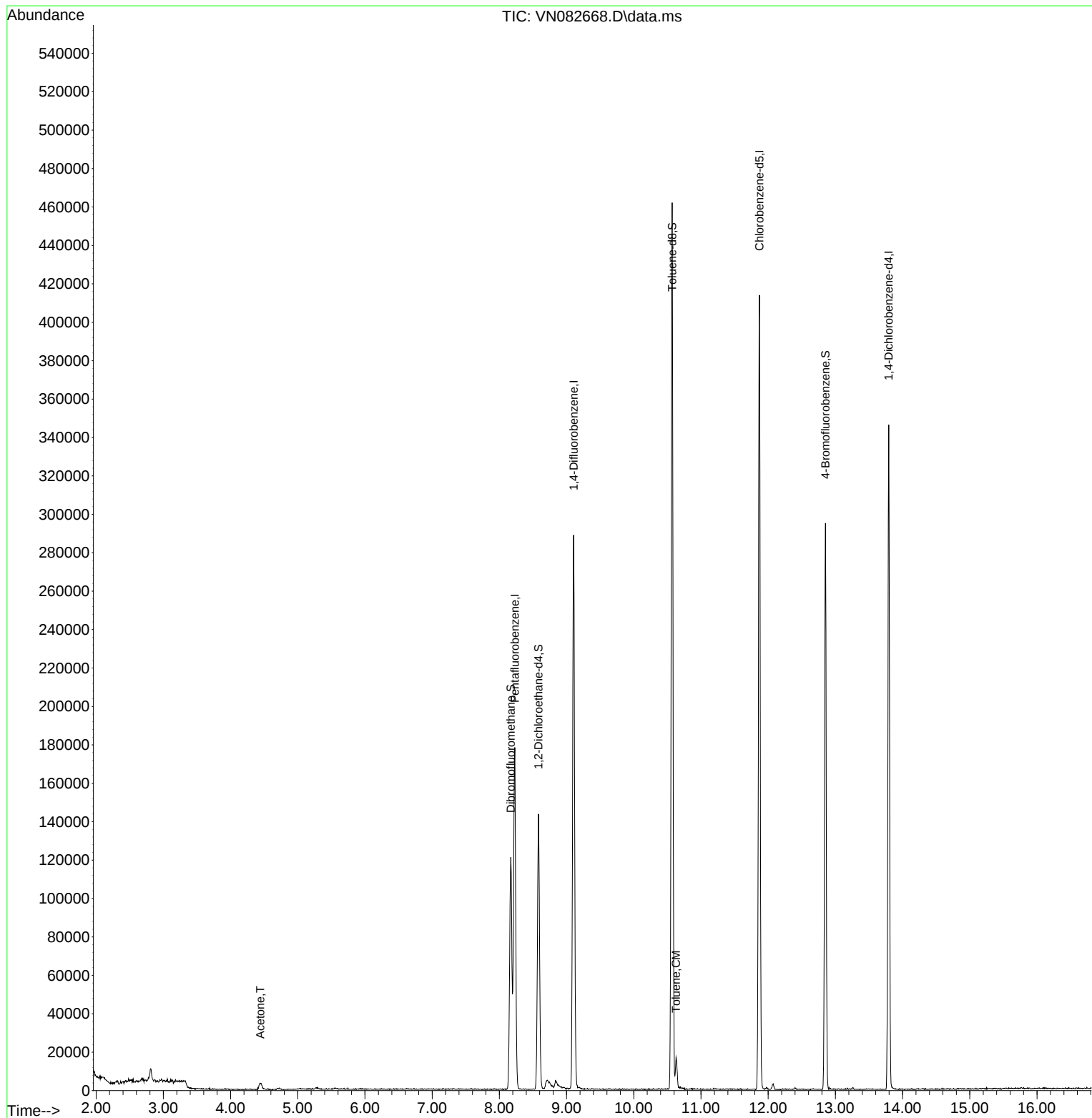
Internal Standards						
1) Pentafluorobenzene	8.230	168	122491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114490	58.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.580%
35) Dibromofluoromethane	8.171	113	84704	55.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.300%
50) Toluene-d8	10.571	98	299433	51.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.853	95	92170	46.025	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.060%
Target Compounds						
16) Acetone	4.442	43	7780	8.709	ug/l	94
52) Toluene	10.629	92	6657	1.548	ug/l	99

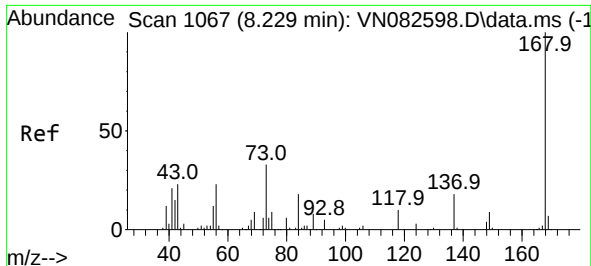
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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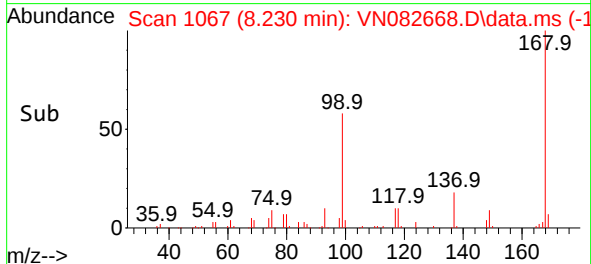
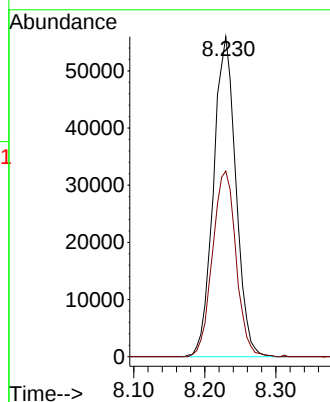
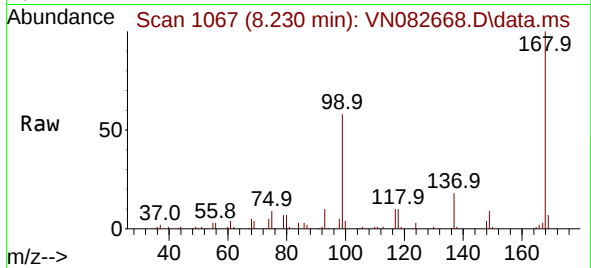




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

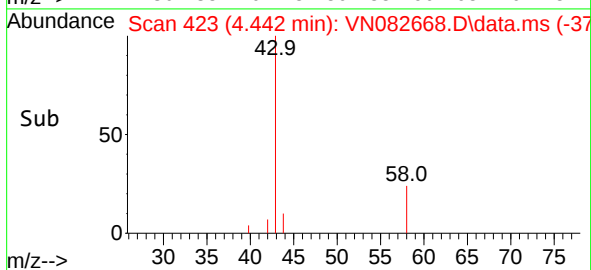
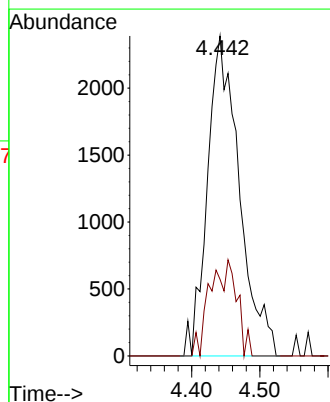
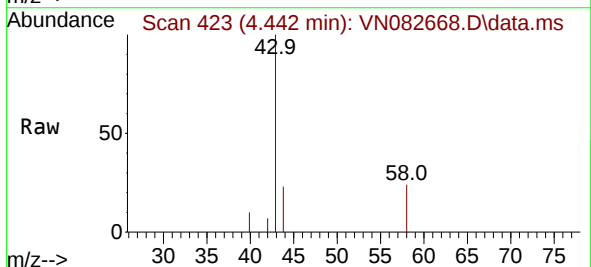
Instrument :
MSVOA_N
ClientSampleId :
528A

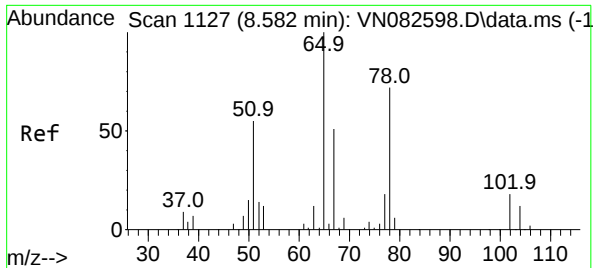
Tgt Ion:168 Resp: 122491
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#16
Acetone
Concen: 8.709 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion: 43 Resp: 7780
Ion Ratio Lower Upper
43 100
58 23.9 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 58.285 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

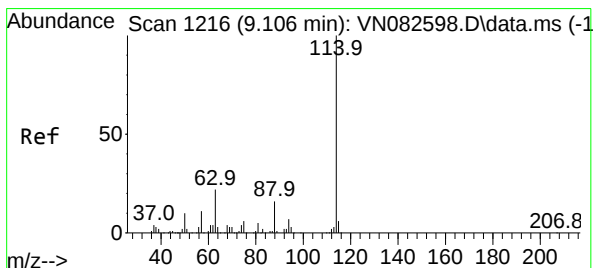
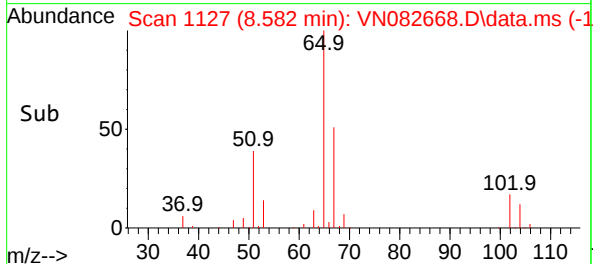
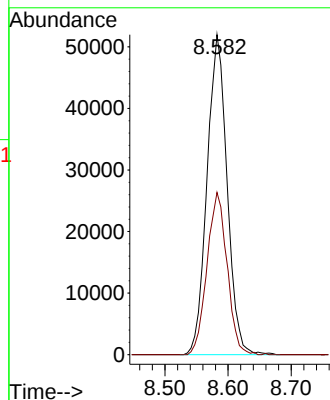
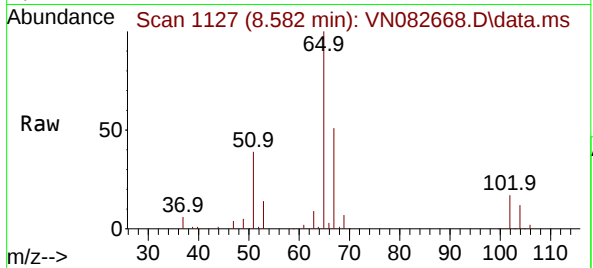
528A

Tgt Ion: 65 Resp: 114490

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

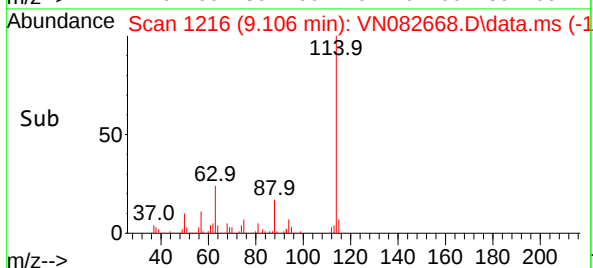
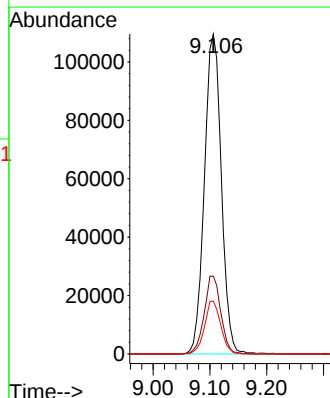
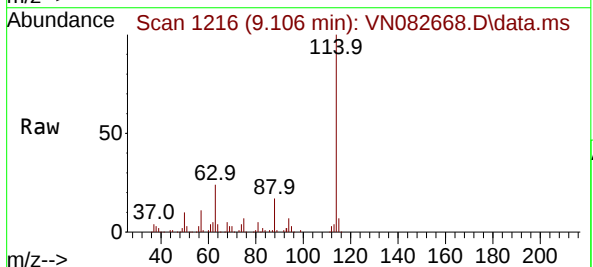
Tgt Ion: 114 Resp: 226417

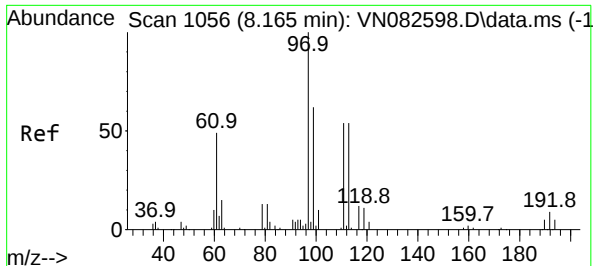
Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.6

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.146 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

528A

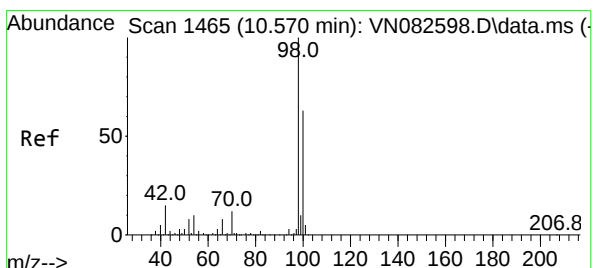
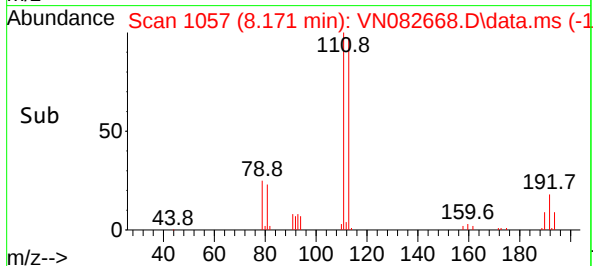
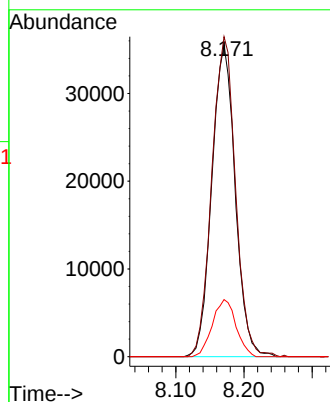
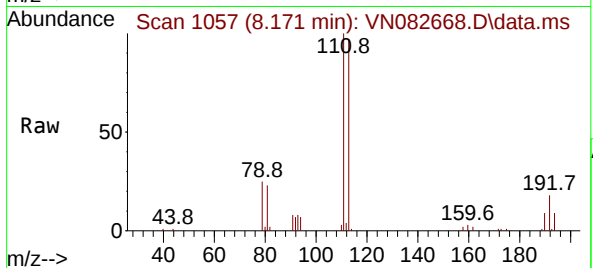
Tgt Ion:113 Resp: 84704

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 18.6 14.9 22.3



#50

Toluene-d8

Concen: 51.550 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082668.D

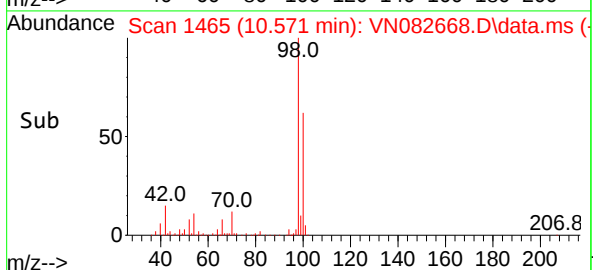
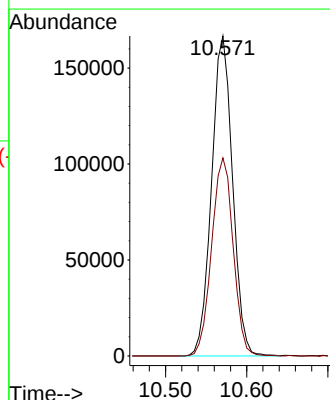
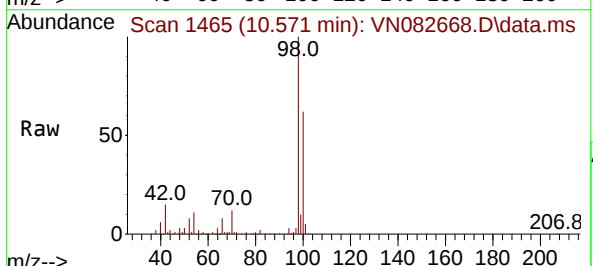
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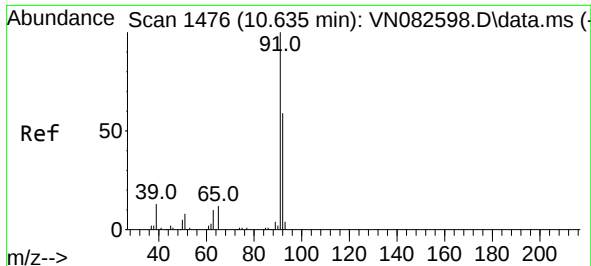
Tgt Ion: 98 Resp: 299433

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3

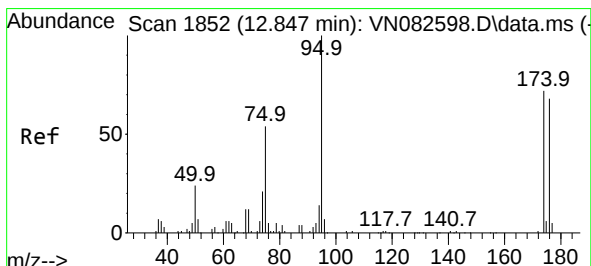
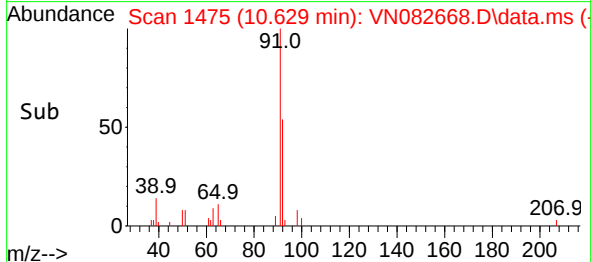
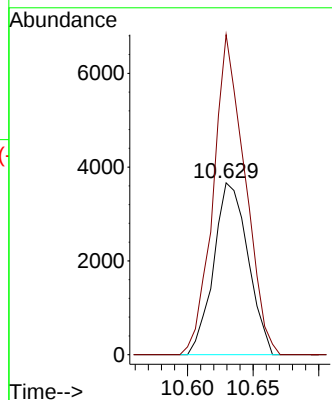
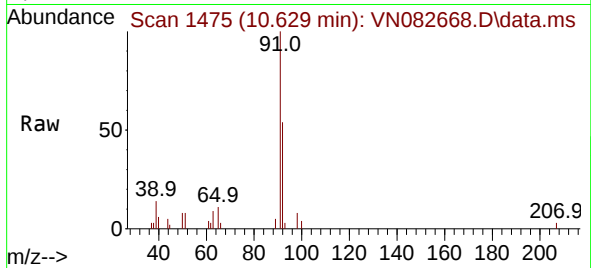




#52
Toluene
Concen: 1.548 ug/l
RT: 10.629 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

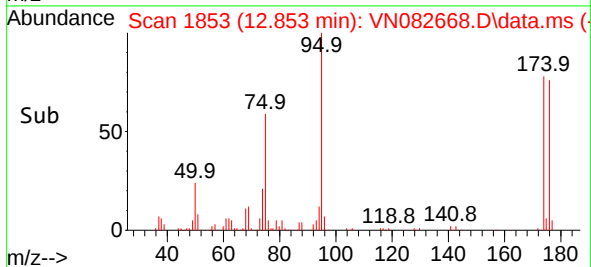
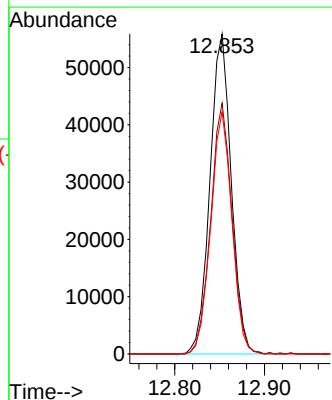
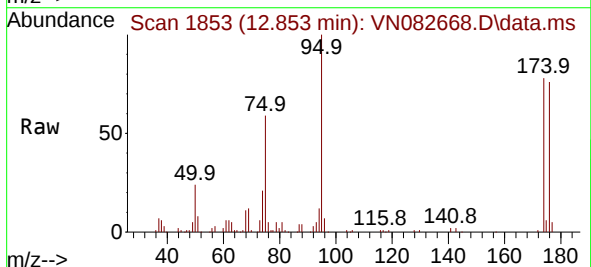
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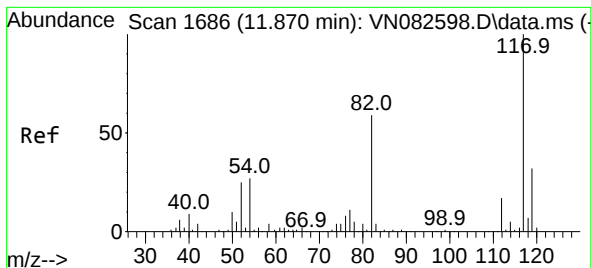
Tgt Ion: 92 Resp: 6657
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 46.025 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion: 95 Resp: 92170
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 75.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

528A

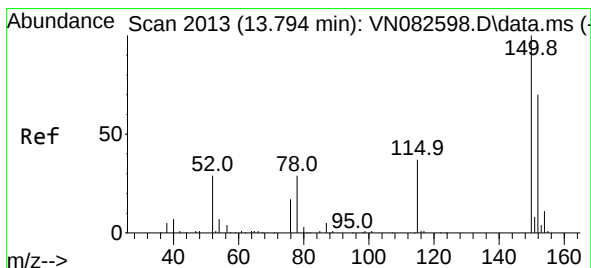
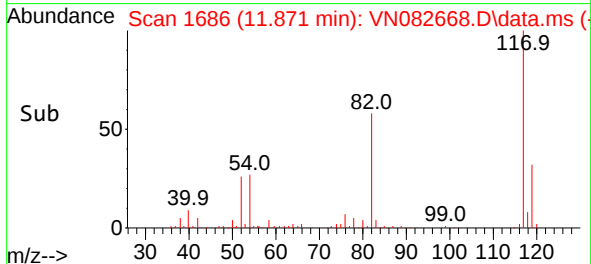
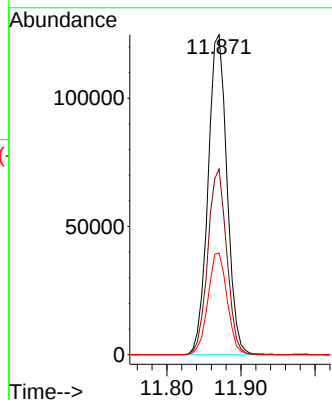
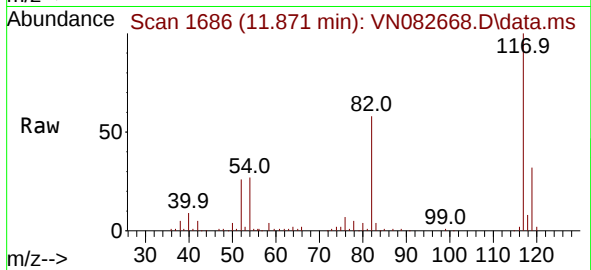
Tgt Ion:117 Resp: 221741

Ion Ratio Lower Upper

117 100

82 58.0 47.5 71.3

119 31.8 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: VN082668.D

Acq: 20 Jun 2024 15:12

Tgt Ion:152 Resp: 86473

Ion Ratio Lower Upper

152 100

115 59.4 30.6 91.6

150 156.0 0.0 348.6

