

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082669.D
 Acq On : 20 Jun 2024 15:36
 Operator : JC\MD
 Sample : P2993-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 453

Quant Time: Jun 21 02:07:35 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)

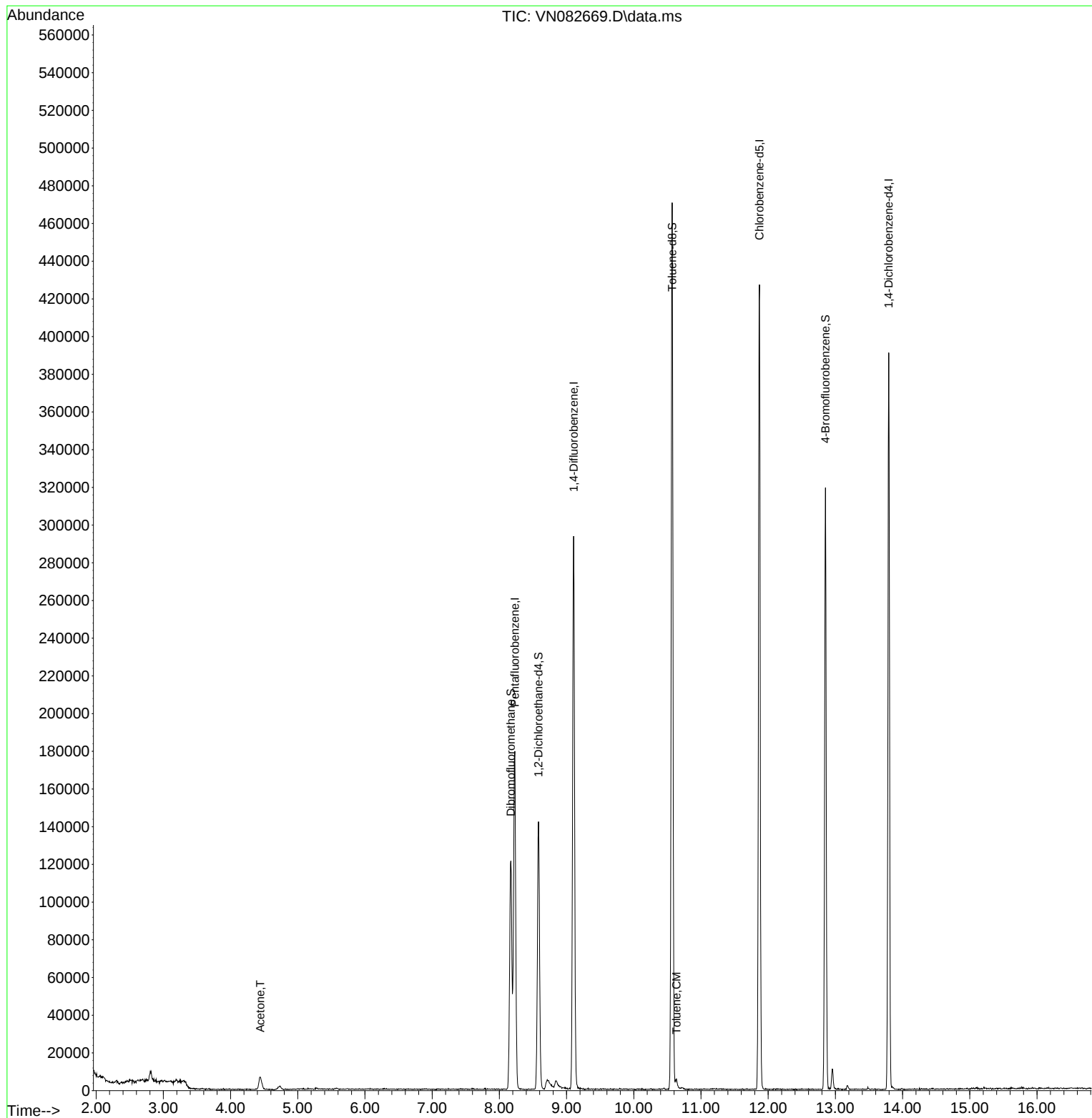
Internal Standards						
1) Pentafluorobenzene	8.230	168	123973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	231240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115673	58.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.360%
35) Dibromofluoromethane	8.171	113	86363	55.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.180%
50) Toluene-d8	10.571	98	303796	51.244	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.853	95	97602	47.753	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.500%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	14213	15.720	ug/l	98
52) Toluene	10.635	92	2053	0.468	ug/l	93

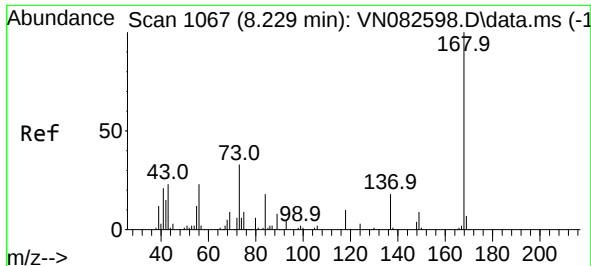
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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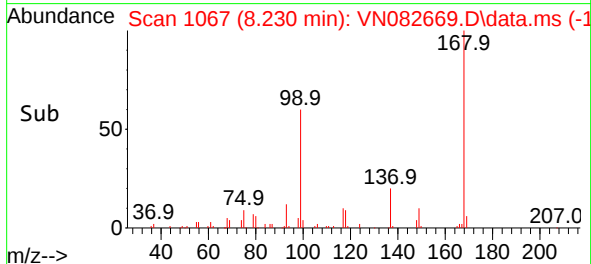
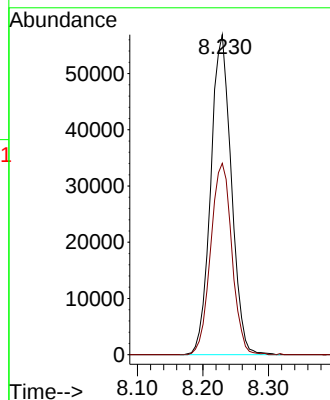
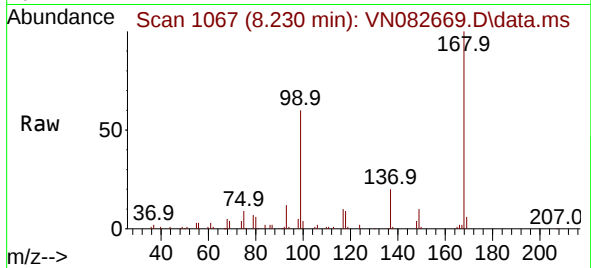




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

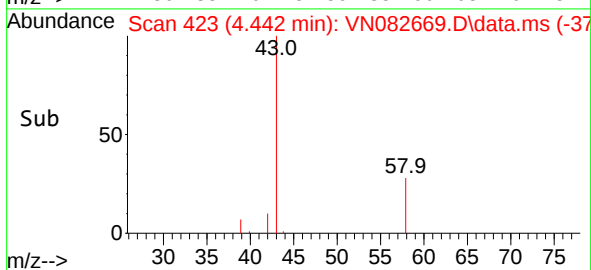
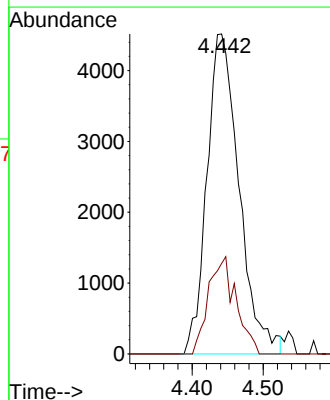
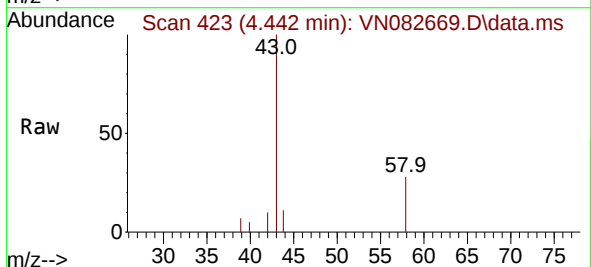
Instrument :
MSVOA_N
ClientSampleId :
453

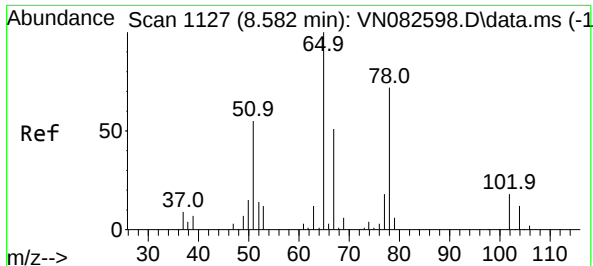
Tgt Ion:168 Resp: 123973
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#16
Acetone
Concen: 15.720 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 43 Resp: 14213
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6





#33

1,2-Dichloroethane-d4

Concen: 58.183 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082669.D

Acq: 20 Jun 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

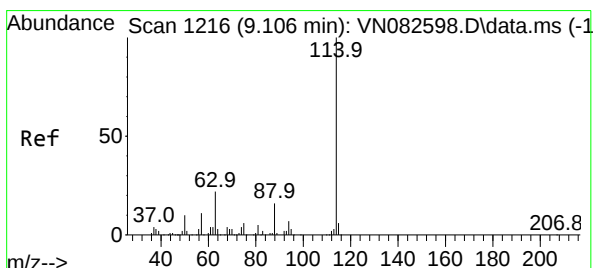
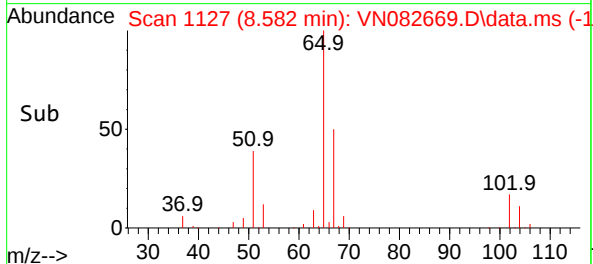
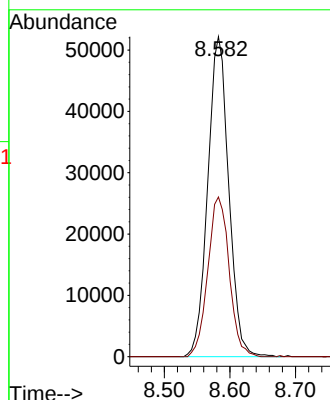
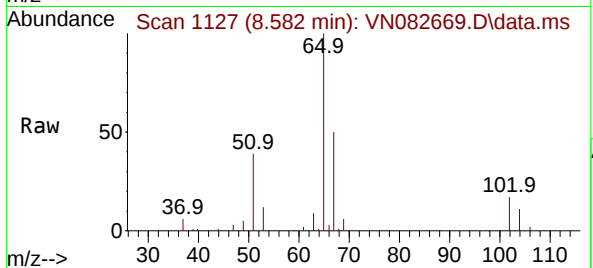
453

Tgt Ion: 65 Resp: 115673

Ion Ratio Lower Upper

65 100

67 51.0 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: VN082669.D

Acq: 20 Jun 2024 15:36

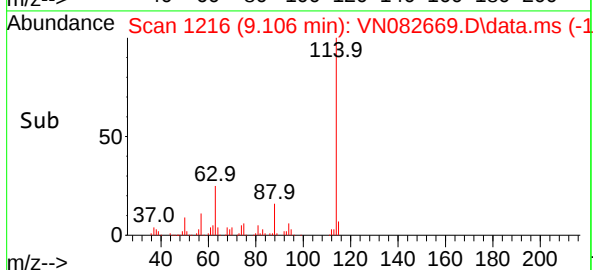
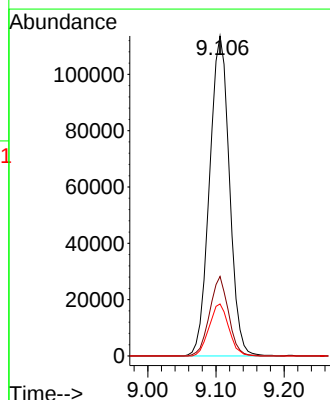
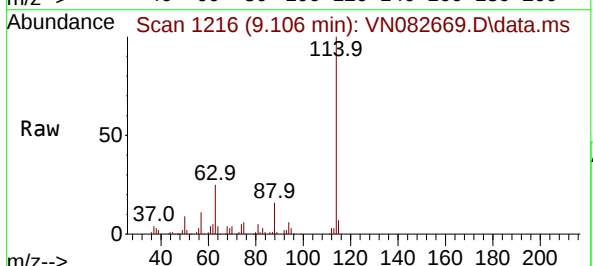
Tgt Ion: 114 Resp: 231088

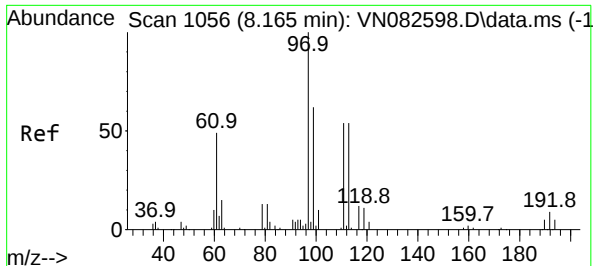
Ion Ratio Lower Upper

114 100

63 24.9 0.0 44.6

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.090 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082669.D

Acq: 20 Jun 2024 15:36

Instrument :

MSVOA_N

ClientSampleId :

453

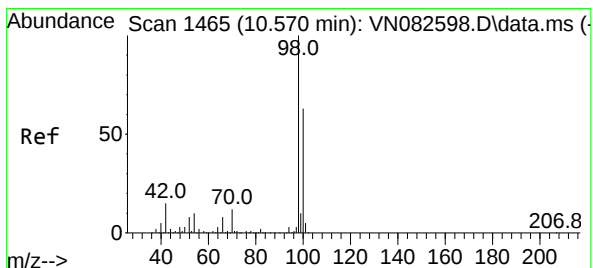
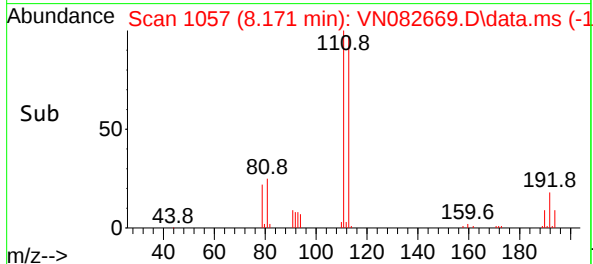
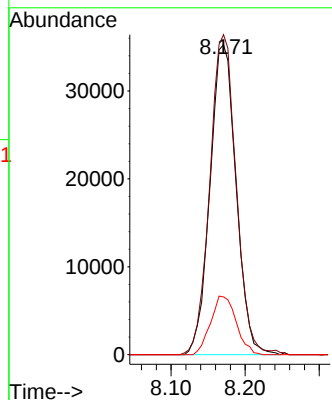
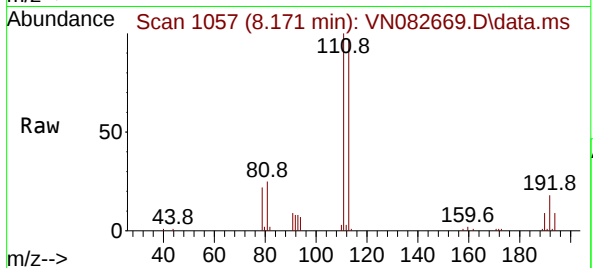
Tgt Ion:113 Resp: 86363

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 18.5 14.9 22.3



#50

Toluene-d8

Concen: 51.244 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082669.D

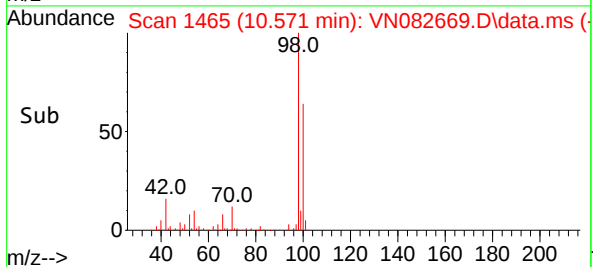
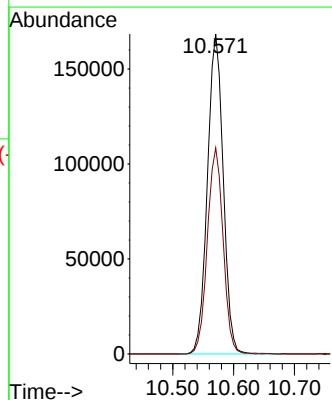
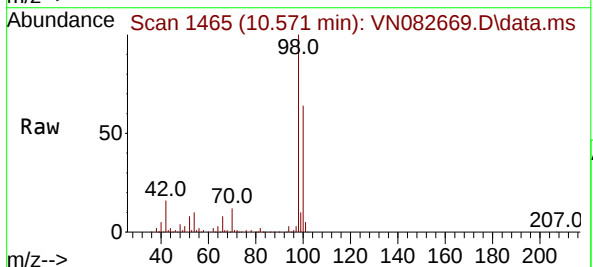
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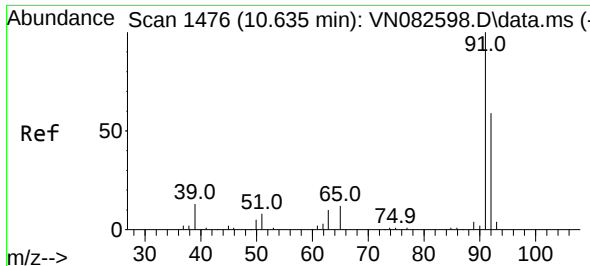
Tgt Ion: 98 Resp: 303796

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

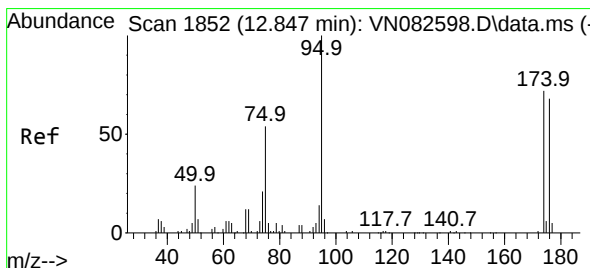
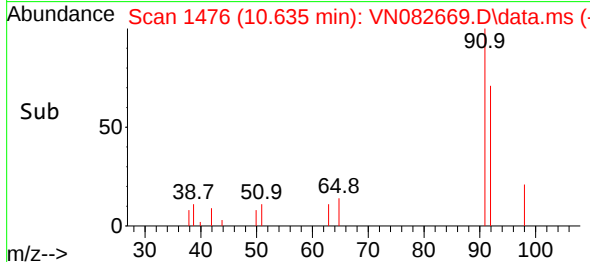
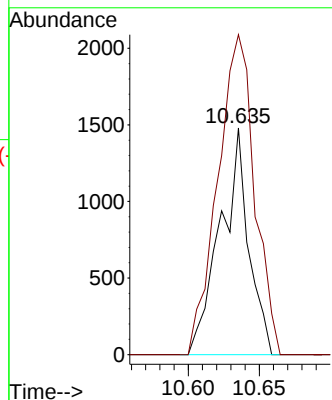
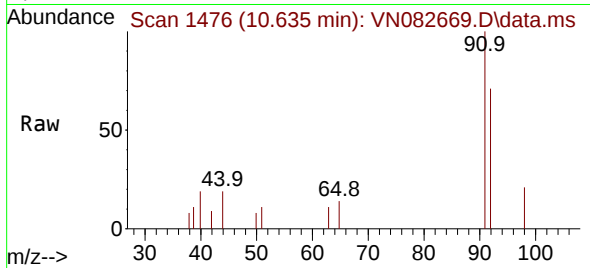




#52
Toluene
Concen: 0.468 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

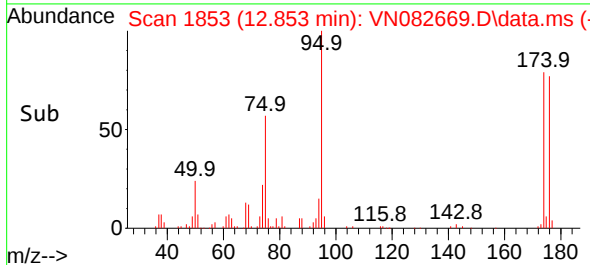
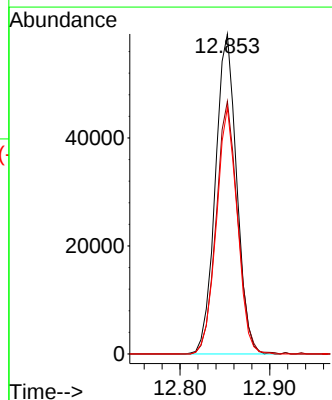
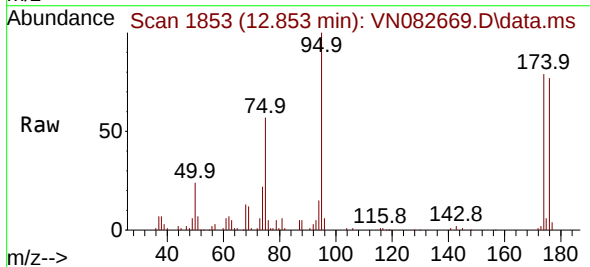
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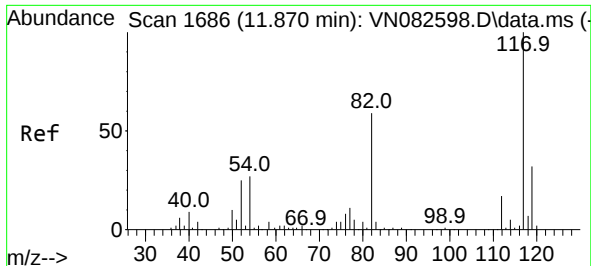
Tgt Ion: 92 Resp: 2053
Ion Ratio Lower Upper
92 100
91 183.8 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.753 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 95 Resp: 97602
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.2
176 75.6 0.0 147.6

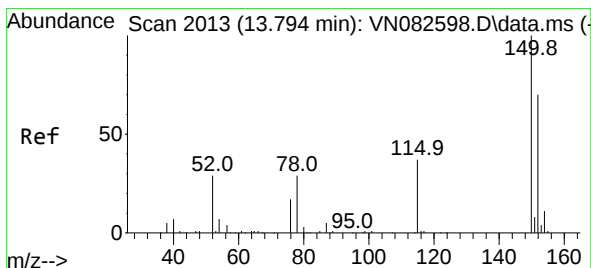
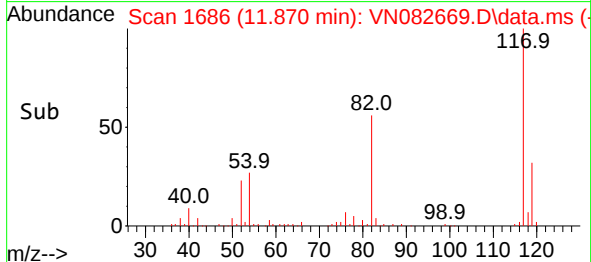
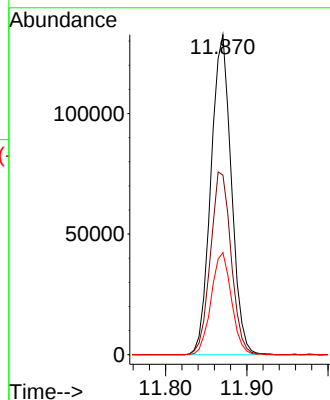
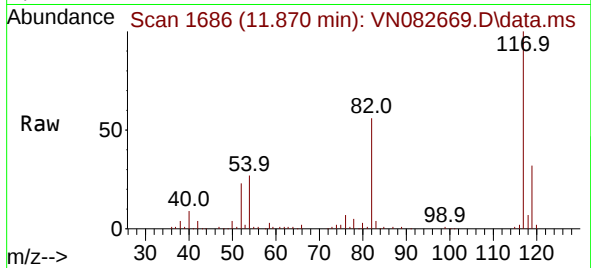




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :
453

Tgt Ion:117 Resp: 231240
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 31.9 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: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion:152 Resp: 97900
Ion Ratio Lower Upper
152 100
115 58.7 30.6 91.6
150 154.8 0.0 348.6

