

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080902.D
 Acq On : 05 Feb 2024 17:26
 Operator : JC\MD
 Sample : P1371-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T385-AOP

Quant Time: Feb 06 04:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

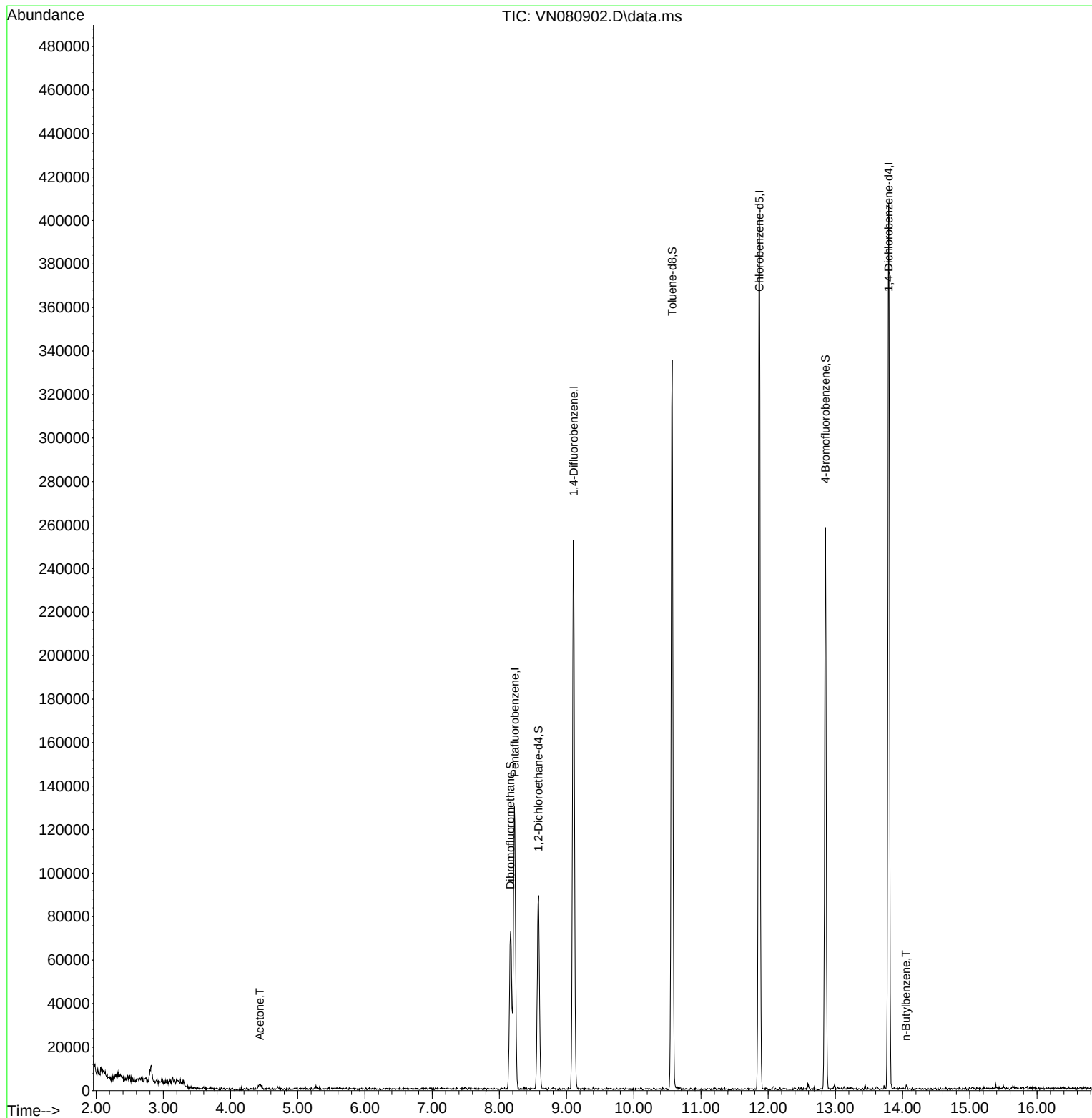
Internal Standards						
1) Pentafluorobenzene	8.230	168	83548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	207036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68567	47.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.880%
35) Dibromofluoromethane	8.165	113	51483	43.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.720%
50) Toluene-d8	10.571	98	217242	46.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.853	95	84850	52.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.780%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	4825	9.205	ug/l #	78
89) n-Butylbenzene	14.053	91	1403	0.245	ug/l	82

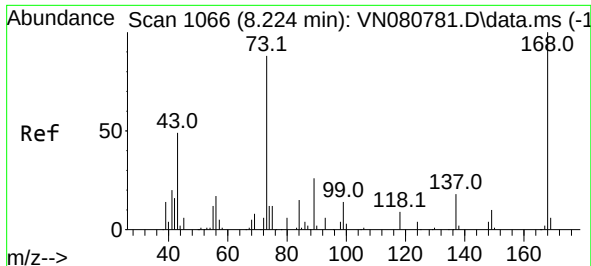
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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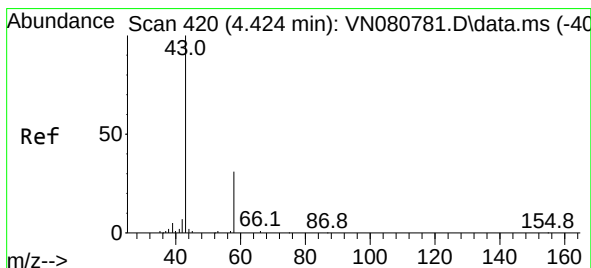
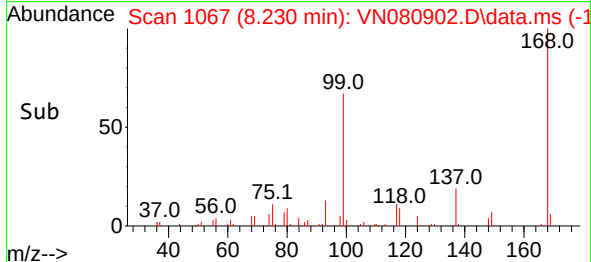
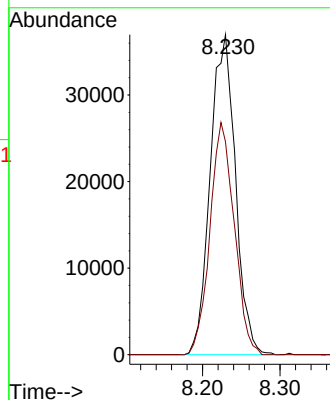
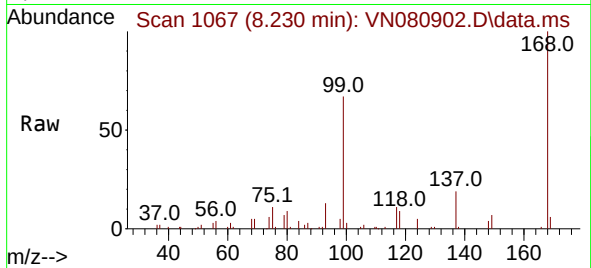




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080902.D
Acq: 05 Feb 2024 17:26

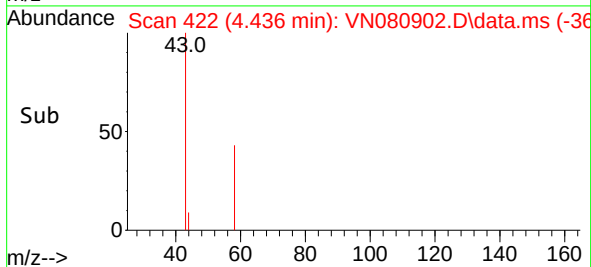
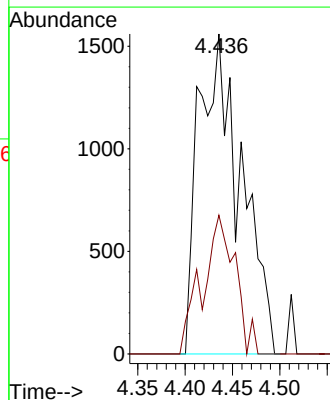
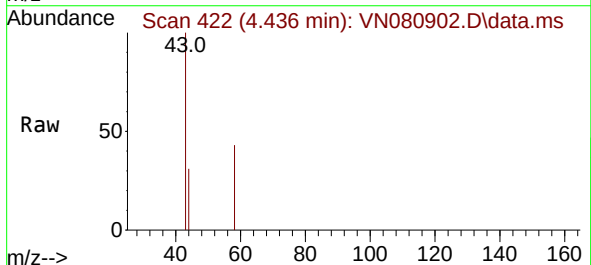
Instrument :
MSVOA_N
ClientSampleId :
T385-AOP

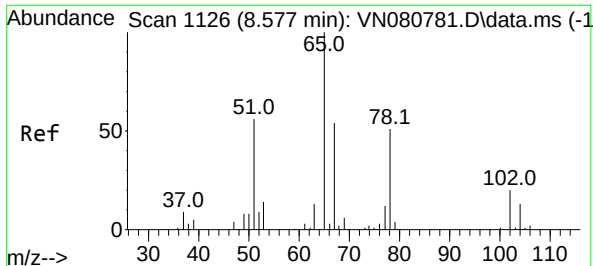
Tgt Ion:168 Resp: 83548
Ion Ratio Lower Upper
168 100
99 66.6 59.9 89.9



#16
Acetone
Concen: 9.205 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080902.D
Acq: 05 Feb 2024 17:26

Tgt Ion: 43 Resp: 4825
Ion Ratio Lower Upper
43 100
58 43.3 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 47.439 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080902.D

Acq: 05 Feb 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

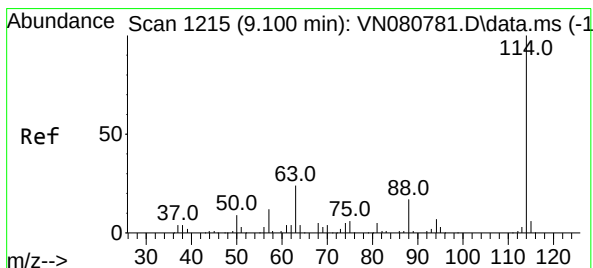
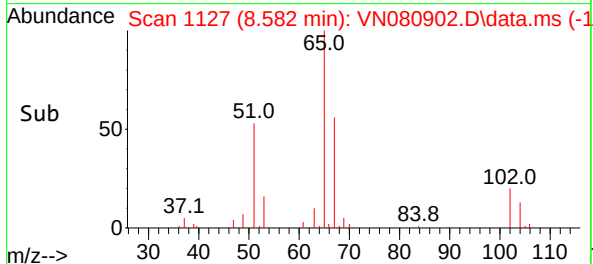
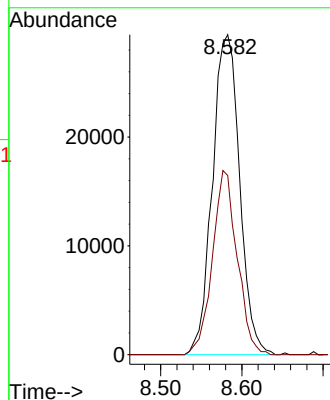
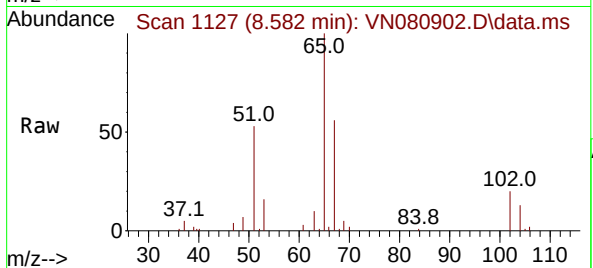
T385-AOP

Tgt Ion: 65 Resp: 68567

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080902.D

Acq: 05 Feb 2024 17:26

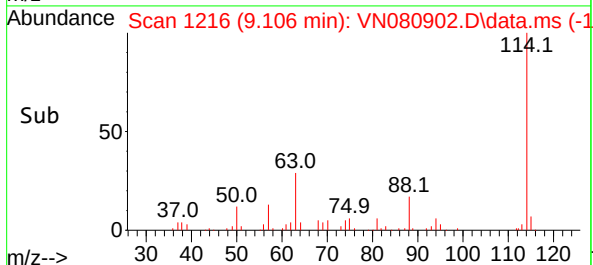
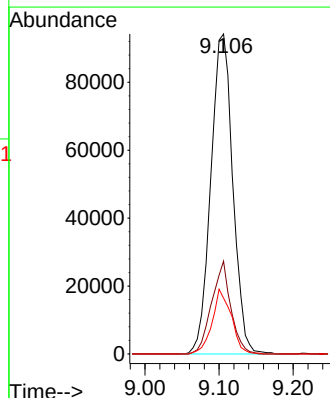
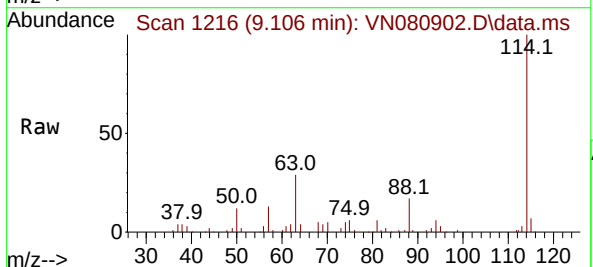
Tgt Ion: 114 Resp: 194089

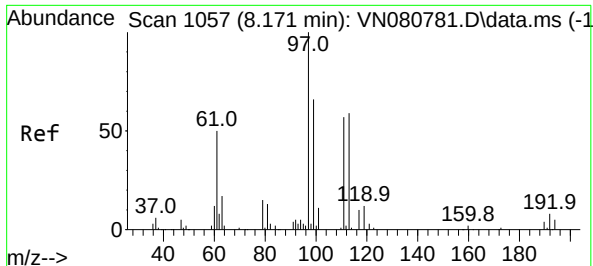
Ion Ratio Lower Upper

114 100

63 29.0 0.0 48.0

88 17.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 43.356 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080902.D

Acq: 05 Feb 2024 17:26

Instrument :

MSVOA_N

ClientSampleId :

T385-AOP

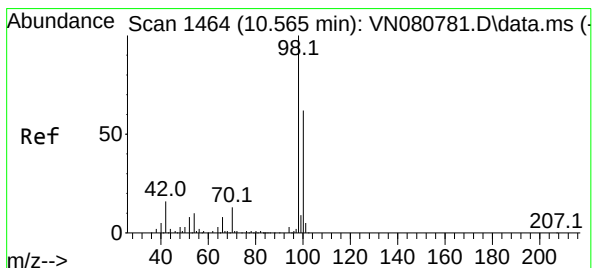
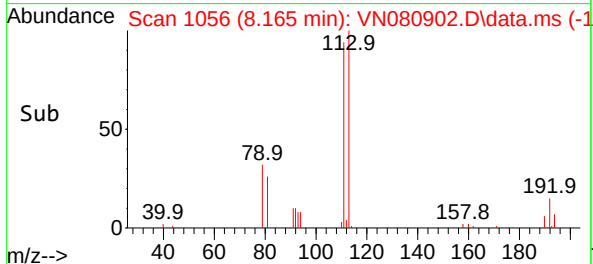
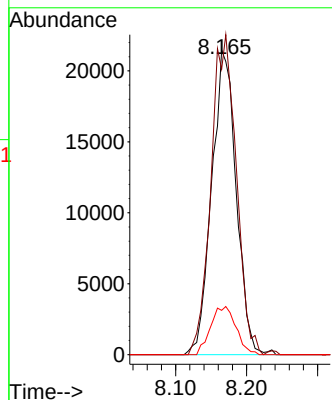
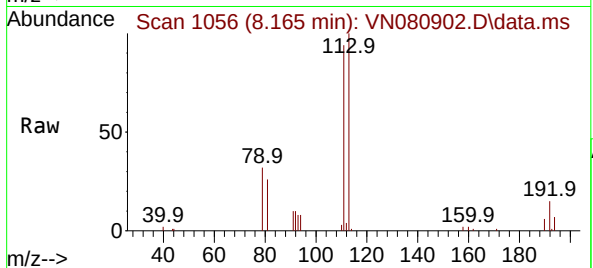
Tgt Ion:113 Resp: 51483

Ion Ratio Lower Upper

113 100

111 108.1 82.2 123.4

192 16.4 12.5 18.7



#50

Toluene-d8

Concen: 46.743 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080902.D

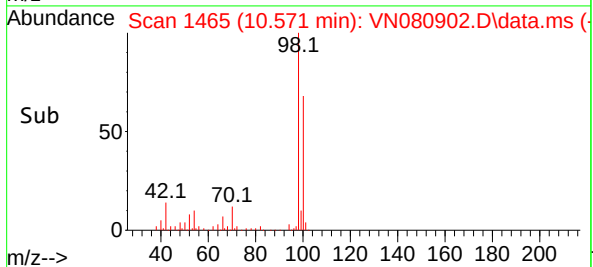
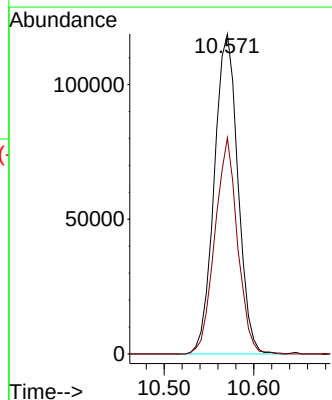
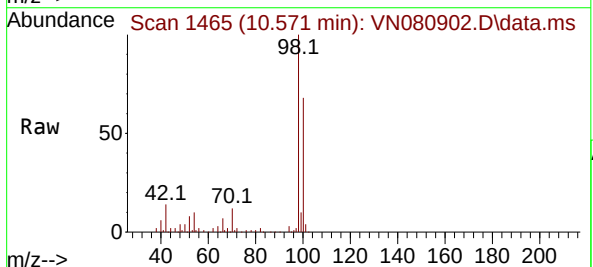
Acq: 05 Feb 2024 17:26

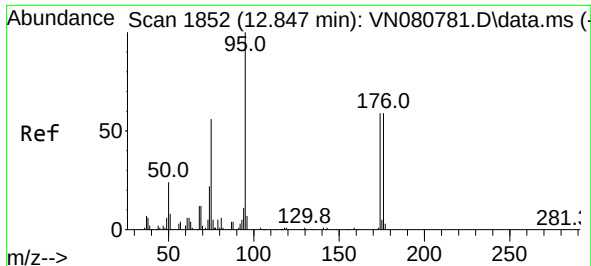
Tgt Ion: 98 Resp: 217242

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0

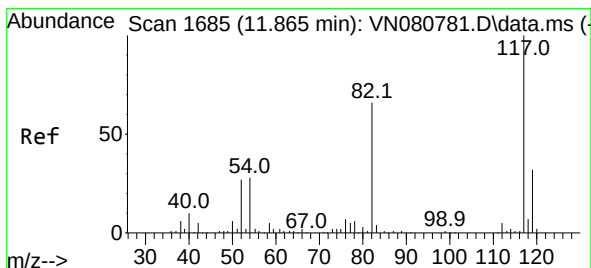
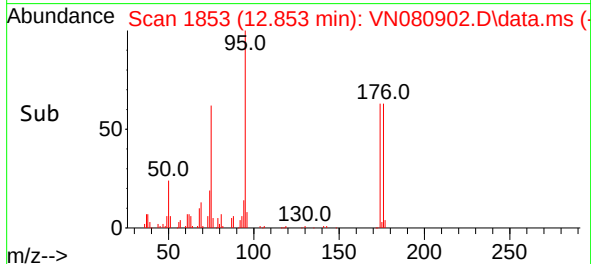
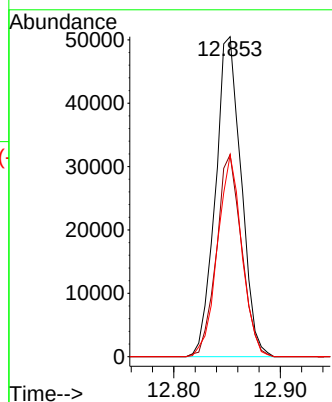
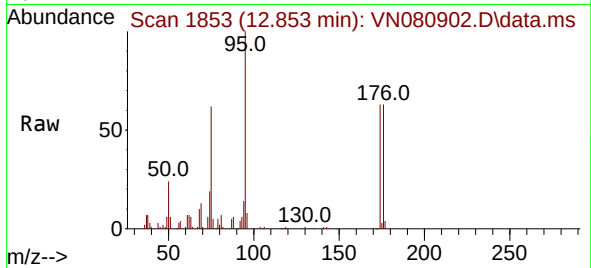




#62
4-Bromofluorobenzene
Concen: 52.391 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080902.D
Acq: 05 Feb 2024 17:26

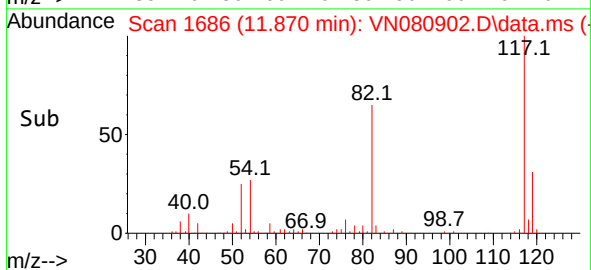
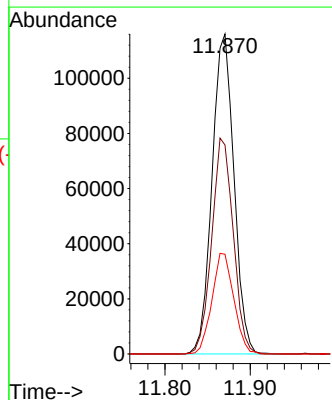
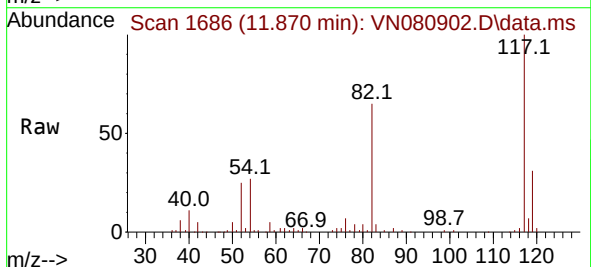
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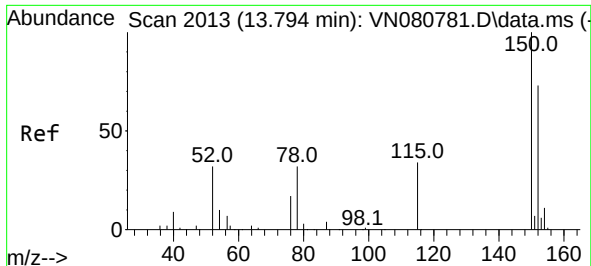
Tgt Ion: 95 Resp: 84850
Ion Ratio Lower Upper
95 100
174 61.6 0.0 120.4
176 59.5 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080902.D
Acq: 05 Feb 2024 17:26

Tgt Ion: 117 Resp: 207036
Ion Ratio Lower Upper
117 100
82 65.3 52.7 79.1
119 31.2 25.3 37.9

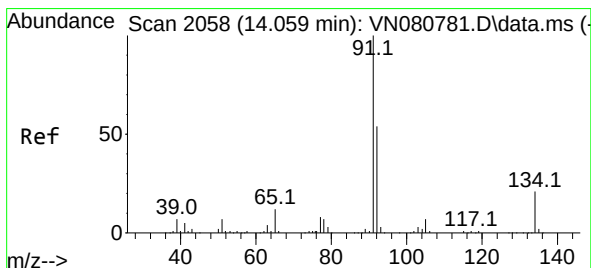
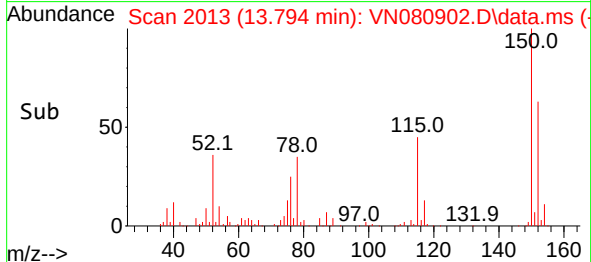
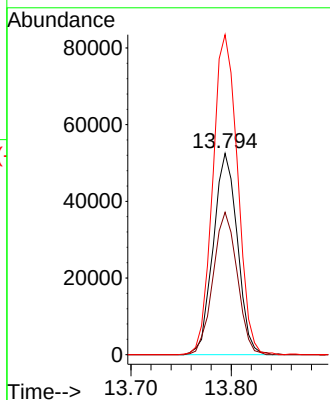
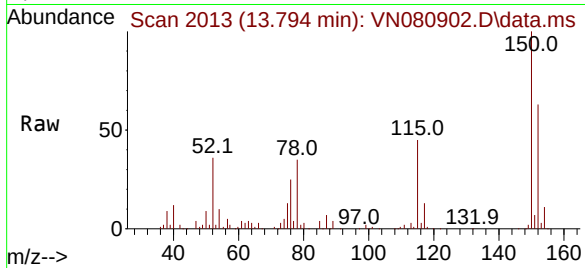




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080902.D
Acq: 05 Feb 2024 17:26

Instrument :
MSVOA_N
ClientSampleId :
T385-AOP

Tgt Ion:152 Resp: 87816
Ion Ratio Lower Upper
152 100
115 70.8 32.3 96.8
150 163.1 0.0 339.8



#89
n-Butylbenzene
Concen: 0.245 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN080902.D
Acq: 05 Feb 2024 17:26

Tgt Ion: 91 Resp: 1403
Ion Ratio Lower Upper
91 100
92 38.9 26.7 80.1
134 15.1 10.8 32.4

