

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080975.D
 Acq On : 08 Feb 2024 19:46
 Operator : JC\MD
 Sample : P1395-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240205

Quant Time: Feb 09 01:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

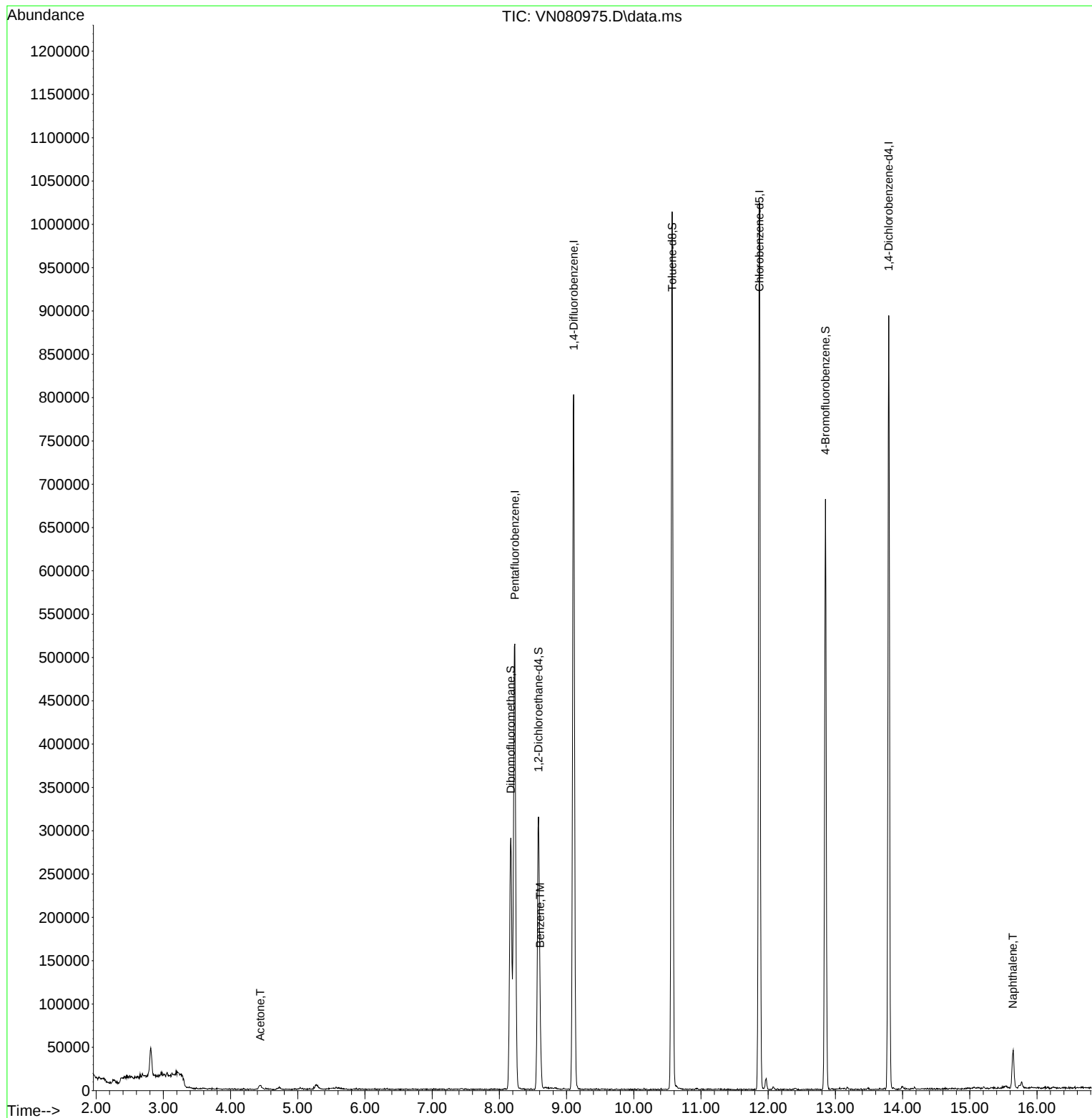
Internal Standards						
1) Pentafluorobenzene	8.230	168	367213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	707529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	606357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249960	53.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.171	113	209810	55.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.520%	
50) Toluene-d8	10.571	98	713980	51.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.853	95	233869	46.879	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	9579	6.285	ug/l #	74
40) Benzene	8.606	78	32520	1.892	ug/l #	90
95) Naphthalene	15.641	128	42881	3.380	ug/l	98

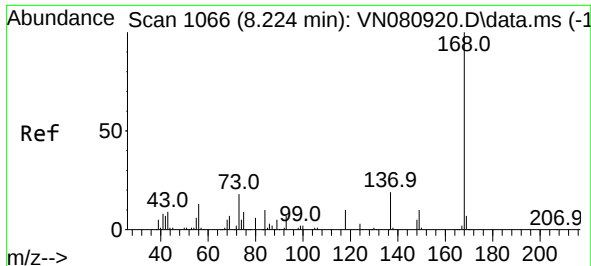
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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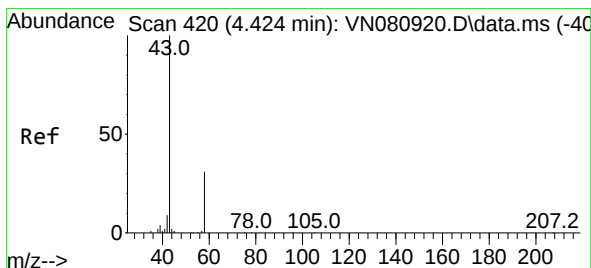
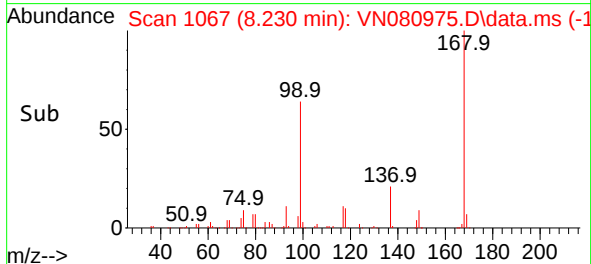
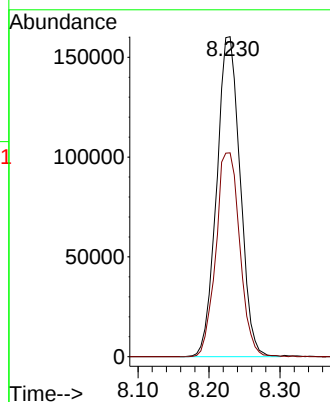
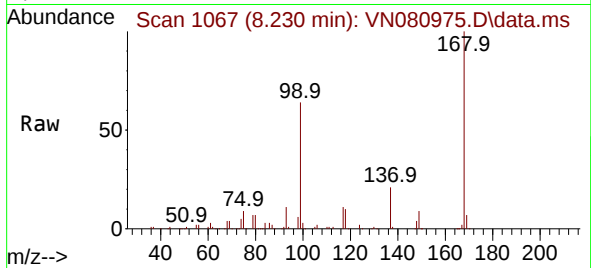




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

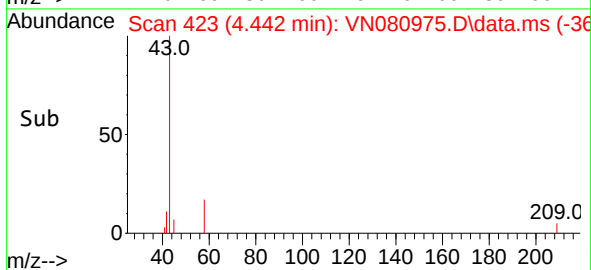
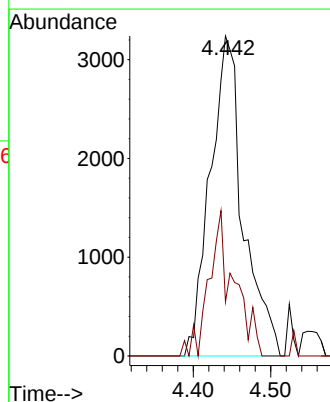
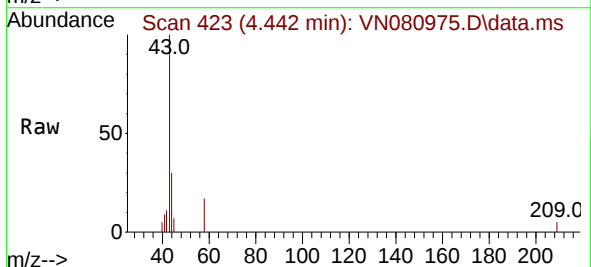
Instrument :
MSVOA_N
ClientSampleId :
TB-20240205

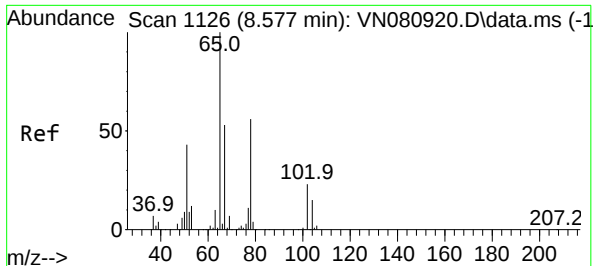
Tgt Ion:168 Resp: 367213
Ion Ratio Lower Upper
168 100
99 63.7 59.9 89.9



#16
Acetone
Concen: 6.285 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 43 Resp: 9579
Ion Ratio Lower Upper
43 100
58 16.9 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 53.959 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080975.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

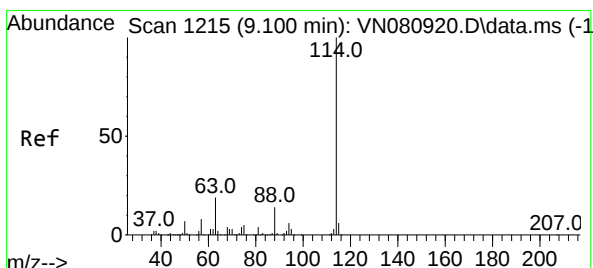
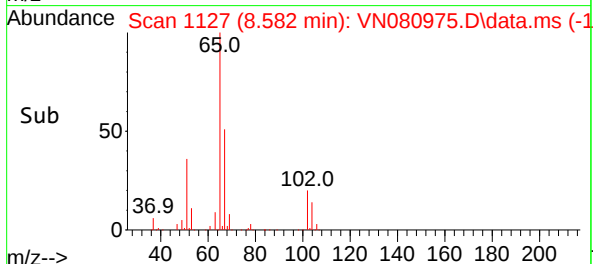
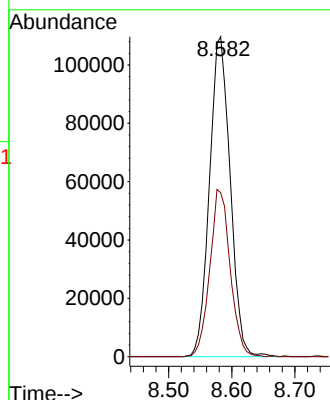
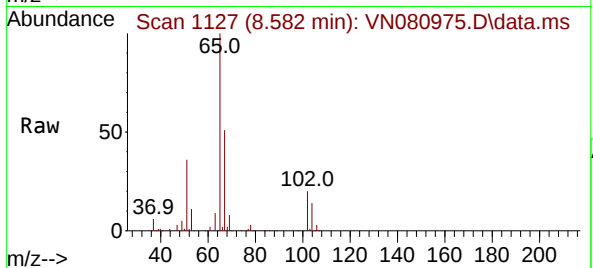
TB-20240205

Tgt Ion: 65 Resp: 249960

Ion Ratio Lower Upper

65 100

67 51.3 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: VN080975.D

Acq: 08 Feb 2024 19:46

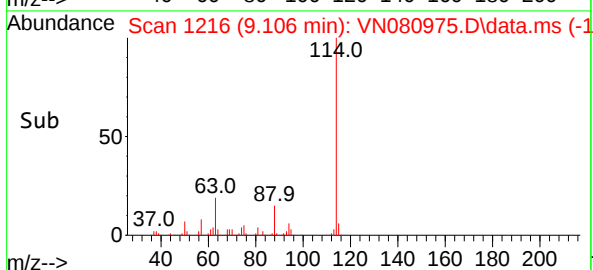
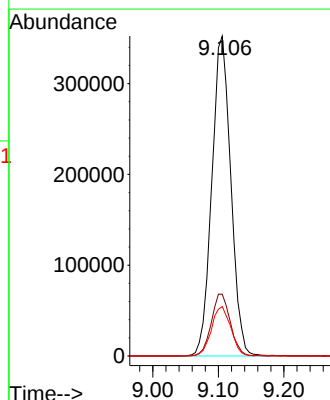
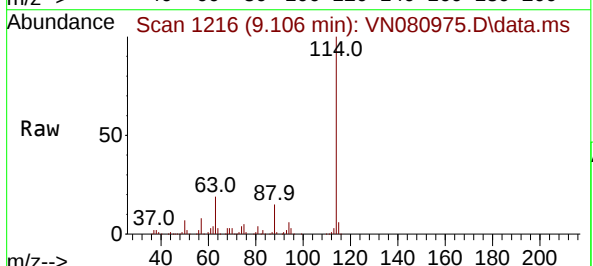
Tgt Ion: 114 Resp: 707529

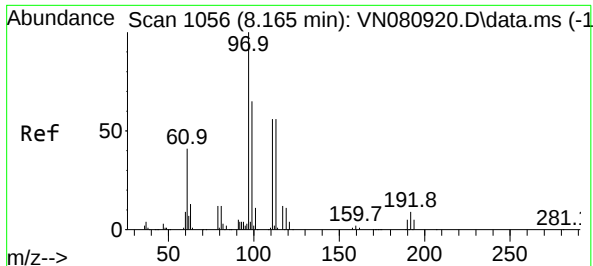
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.4 0.0 34.8





#35

Dibromofluoromethane

Concen: 55.263 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN080975.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

TB-20240205

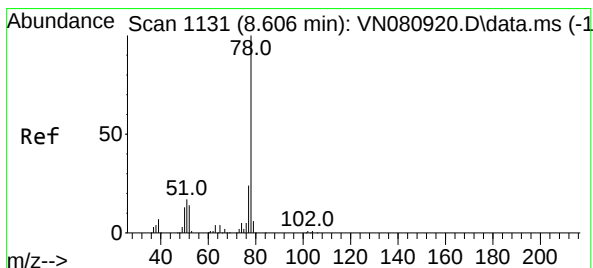
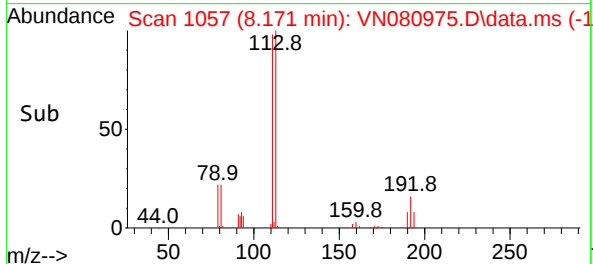
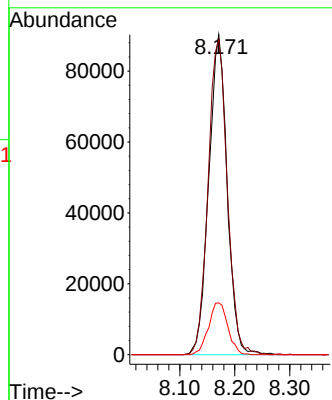
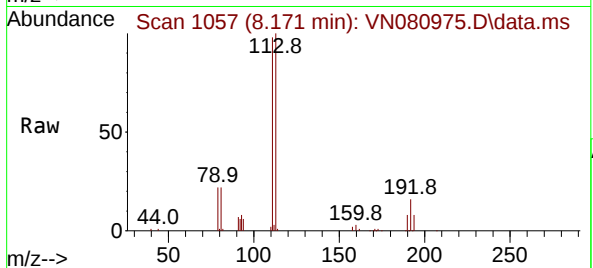
Tgt Ion:113 Resp: 209810

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 17.0 12.5 18.7



#40

Benzene

Concen: 1.892 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080975.D

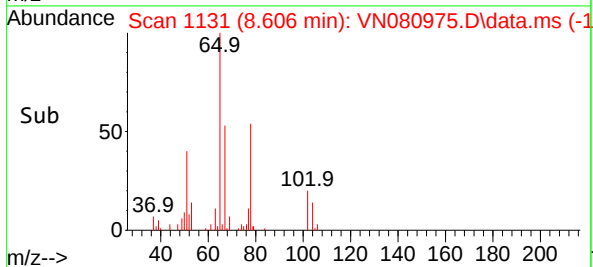
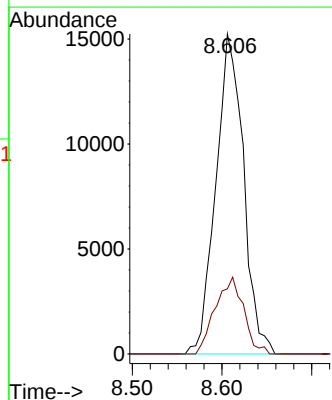
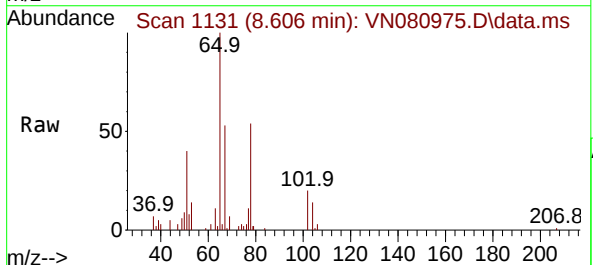
Acq: 08 Feb 2024 19:46

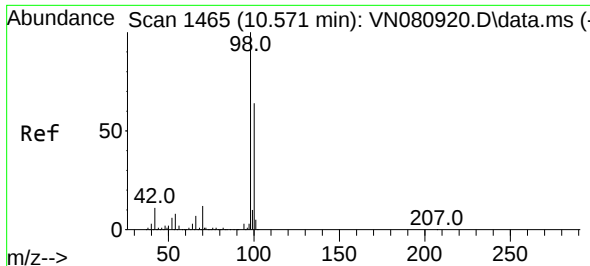
Tgt Ion: 78 Resp: 32520

Ion Ratio Lower Upper

78 100

77 20.4 20.4 30.6#

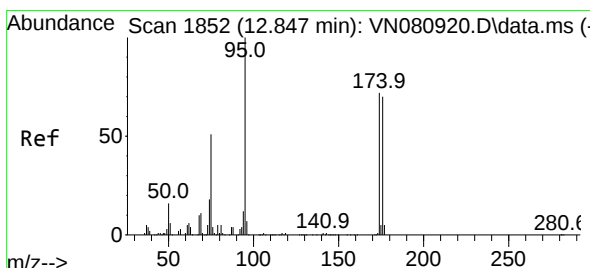
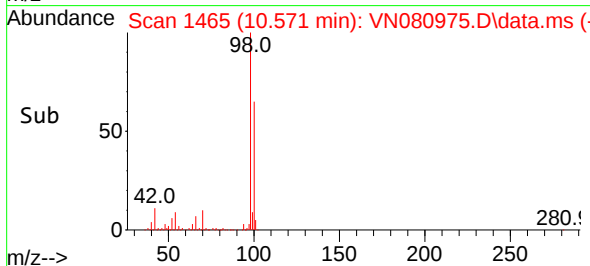
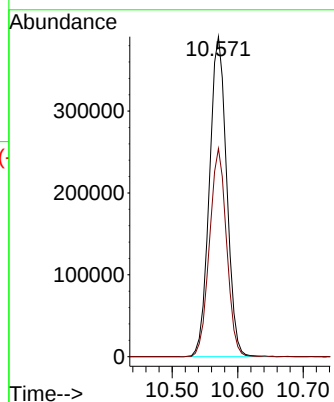
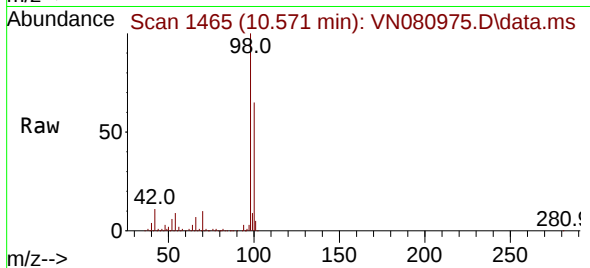




#50
Toluene-d8
Concen: 51.991 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

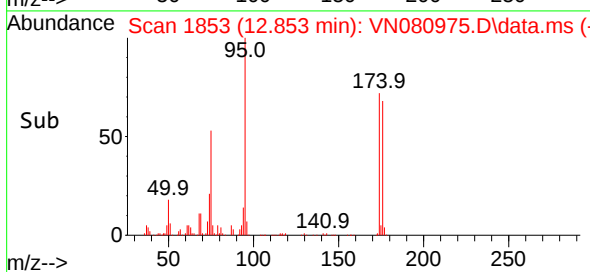
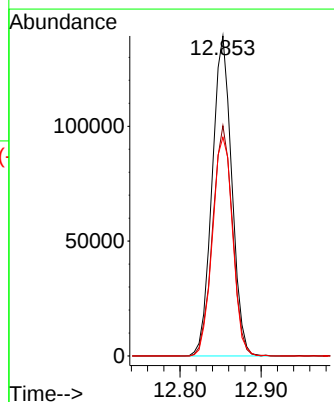
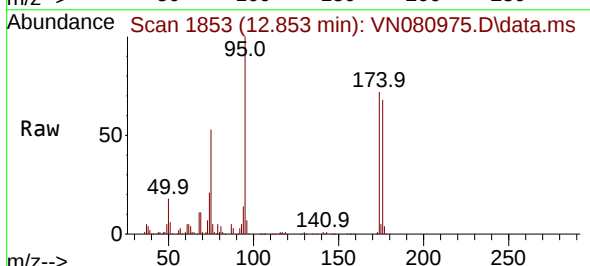
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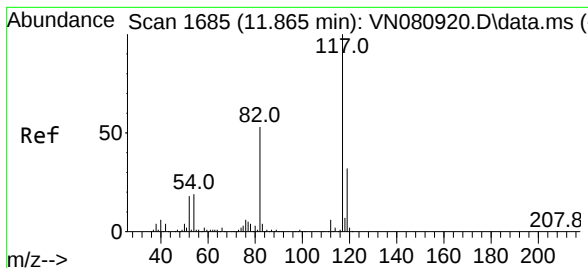
Tgt Ion: 98 Resp: 713980
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.879 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080975.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 95 Resp: 233869
Ion Ratio Lower Upper
95 100
174 72.8 0.0 120.4
176 70.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080975.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_N

ClientSampleId :

TB-20240205

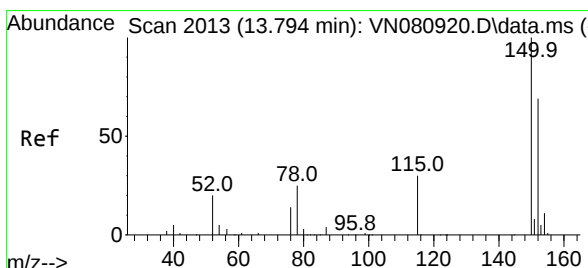
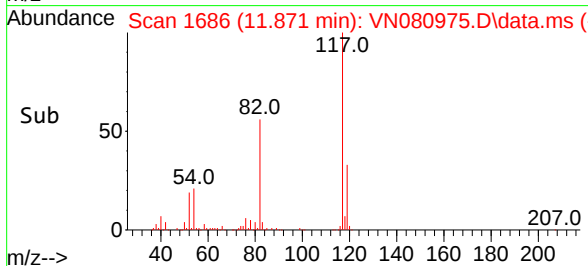
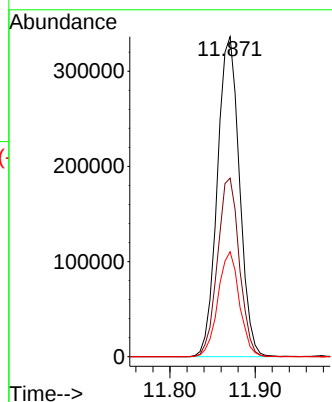
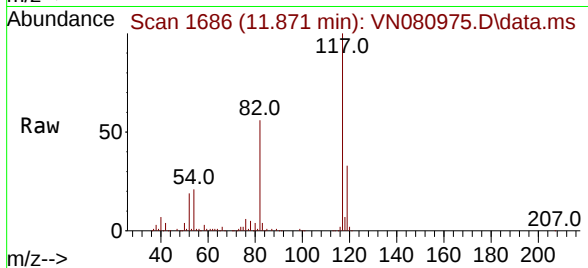
Tgt Ion:117 Resp: 606357

Ion Ratio Lower Upper

117 100

82 55.8 52.7 79.1

119 32.8 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: VN080975.D

Acq: 08 Feb 2024 19:46

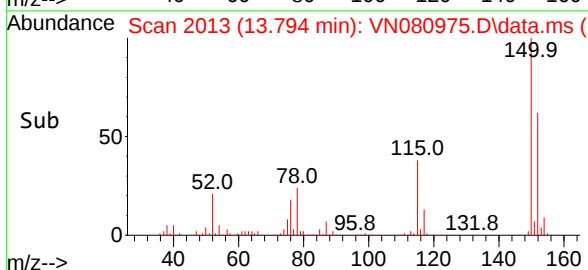
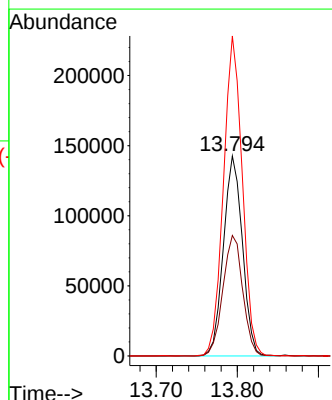
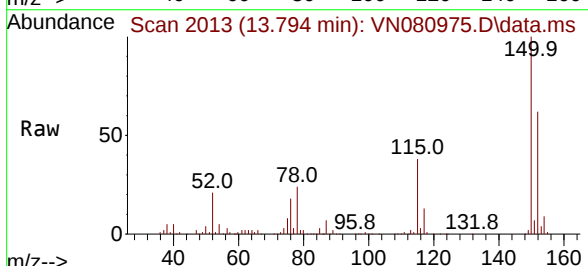
Tgt Ion:152 Resp: 232020

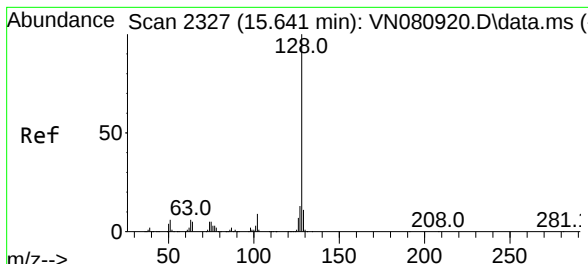
Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

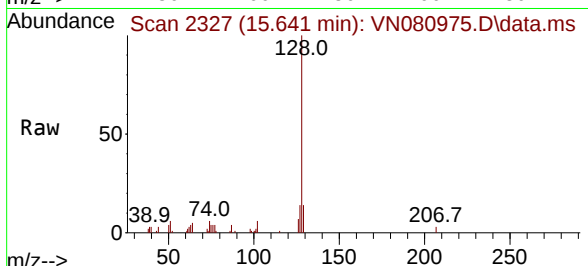
150 158.4 0.0 339.8





#95
 Naphthalene
 Concen: 3.380 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080975.D
 Acq: 08 Feb 2024 19:46

Instrument :
 MSVOA_N
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 TB-20240205



Tgt Ion:	128	Resp:	42881
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.1	8.7	13.1

