

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016953.D
 Acq On : 09 Jan 2024 16:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 10 02:29:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

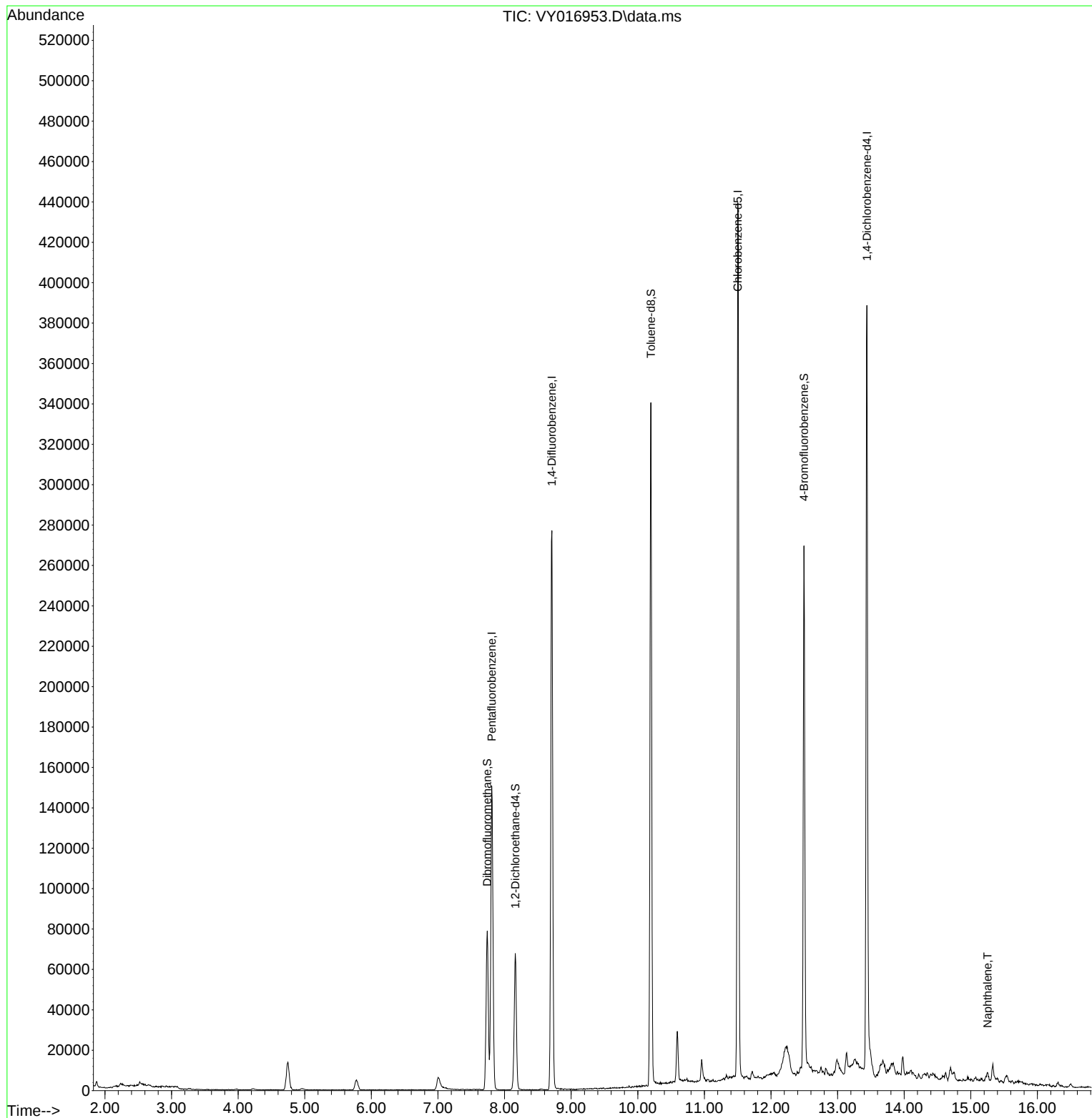
Internal Standards						
1) Pentafluorobenzene	7.807	168	112162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	241194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	93999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52202	47.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.740	113	56895	37.017	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.040%
50) Toluene-d8	10.197	98	218524	41.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.580%
62) 4-Bromofluorobenzene	12.496	95	75099	42.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.120%
Target Compounds						
					Qvalue	
95) Naphthalene	15.251	128	2793	1.718	ug/l #	95

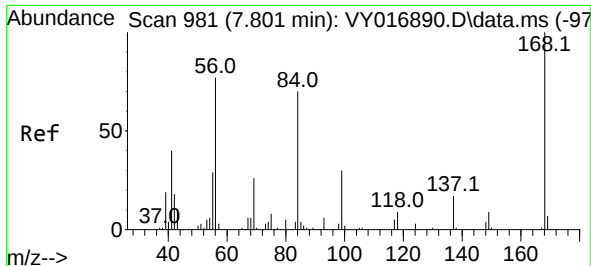
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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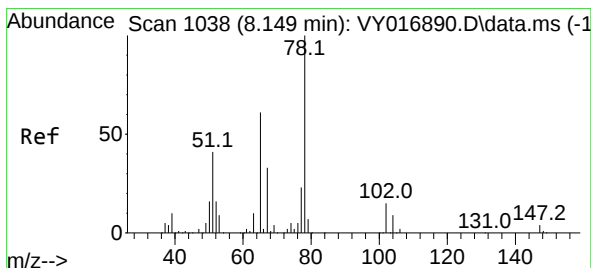
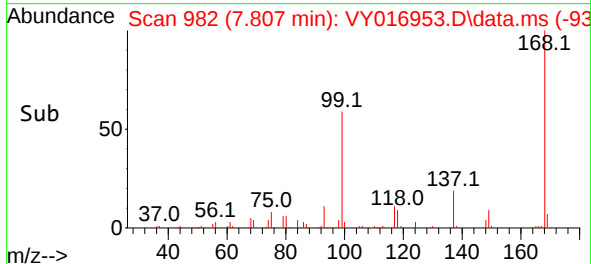
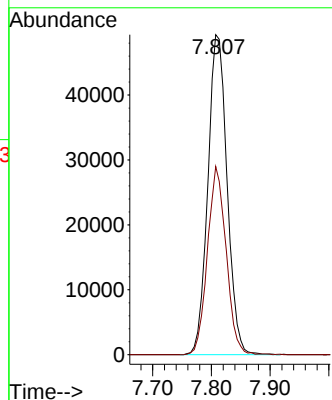
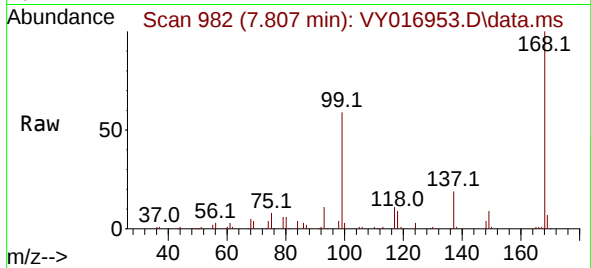




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

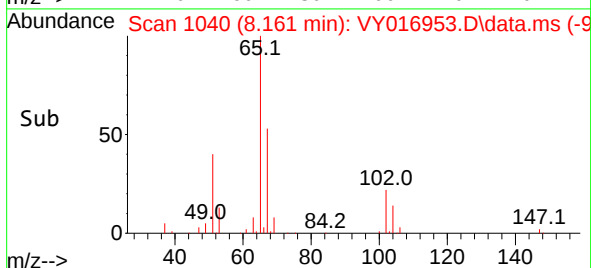
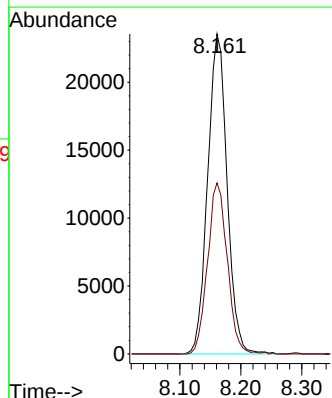
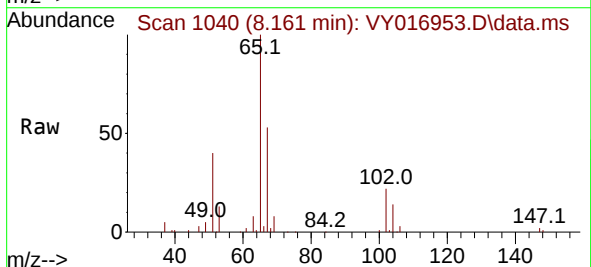
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

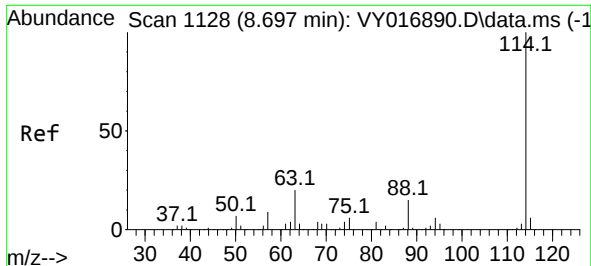
Tgt Ion:168 Resp: 112162
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.090 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

Tgt Ion: 65 Resp: 52202
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

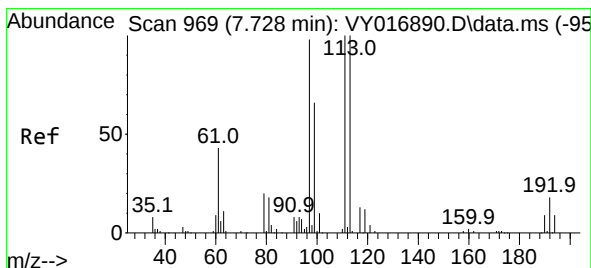
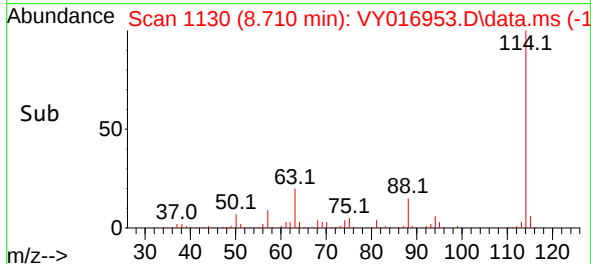
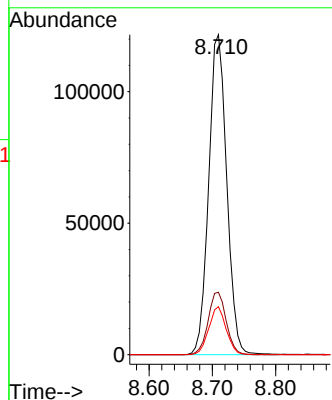
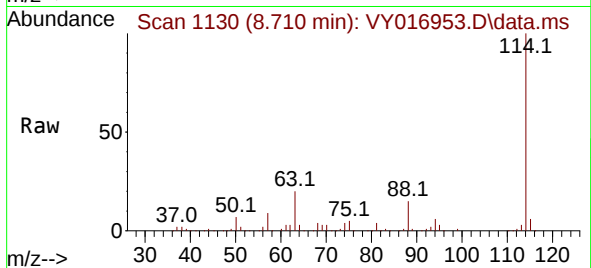
Tgt Ion:114 Resp: 241194

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.017 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

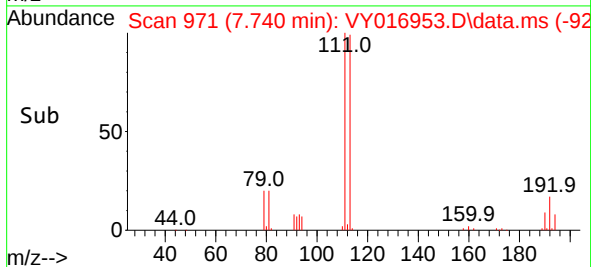
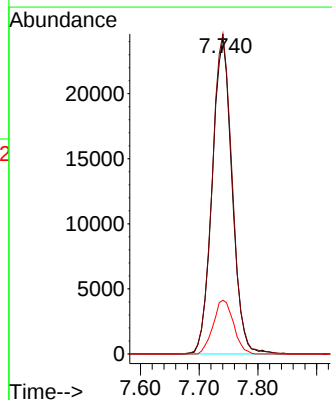
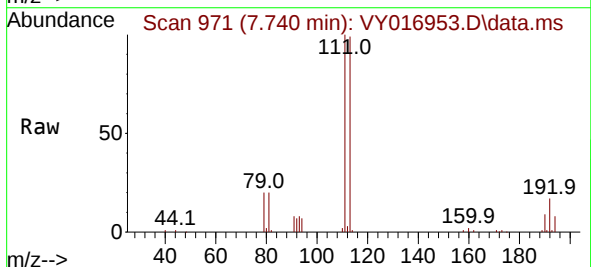
Tgt Ion:113 Resp: 56895

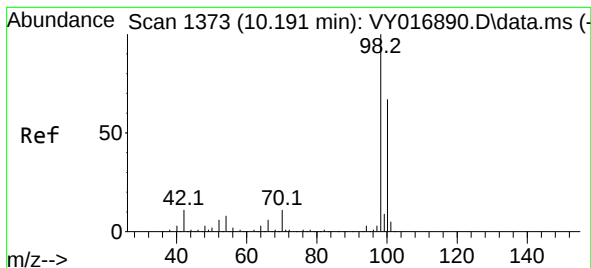
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 41.289 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

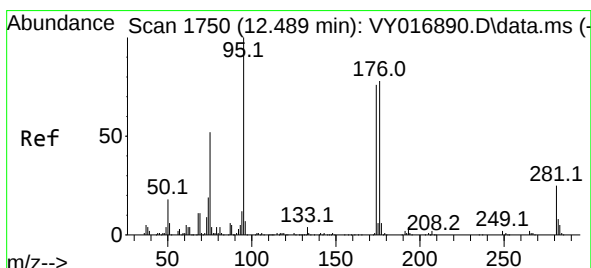
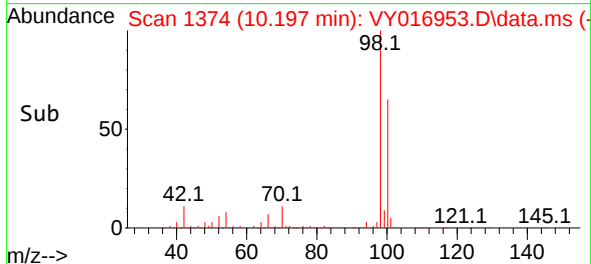
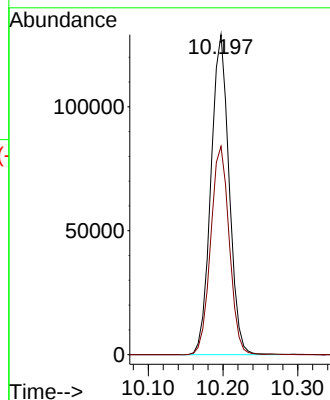
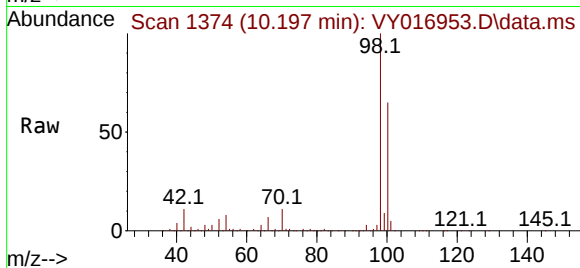
VIBLK

Tgt Ion: 98 Resp: 218524

Ion Ratio Lower Upper

98 100

100 66.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 42.057 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

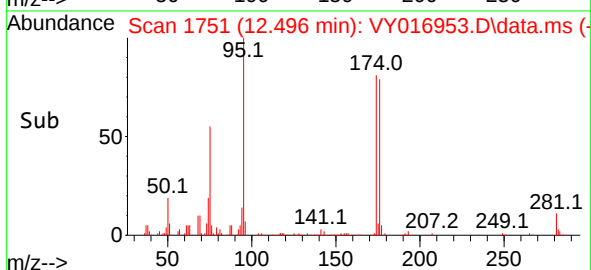
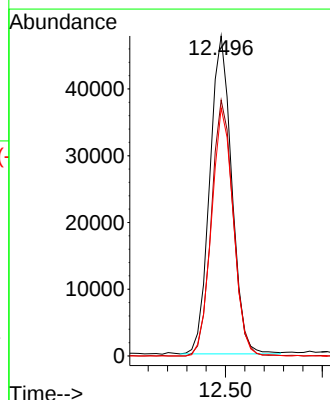
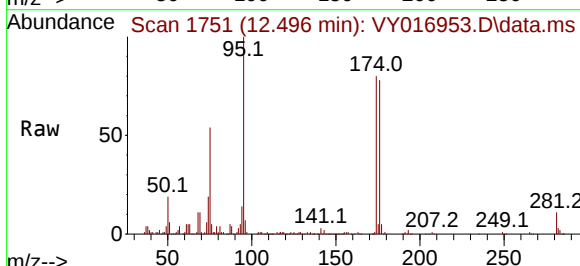
Tgt Ion: 95 Resp: 75099

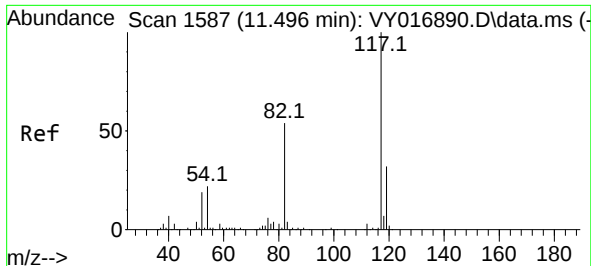
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 77.5 0.0 151.8

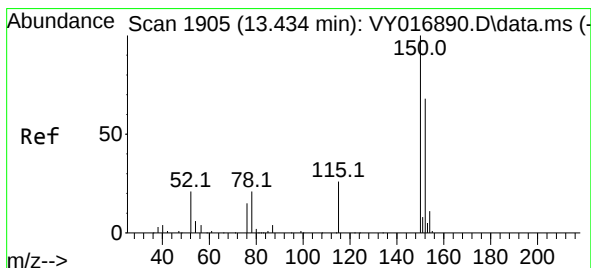
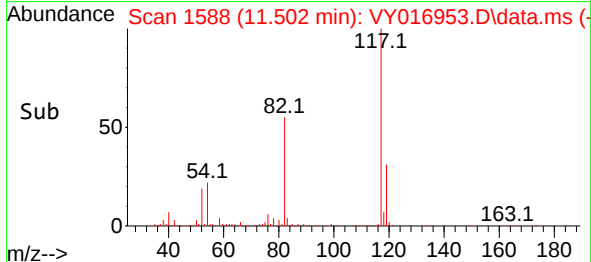
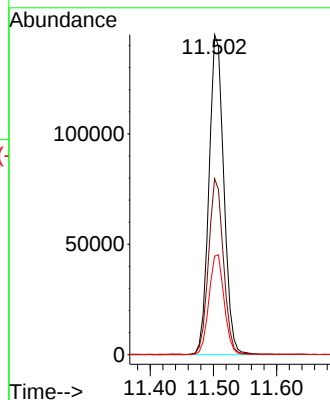
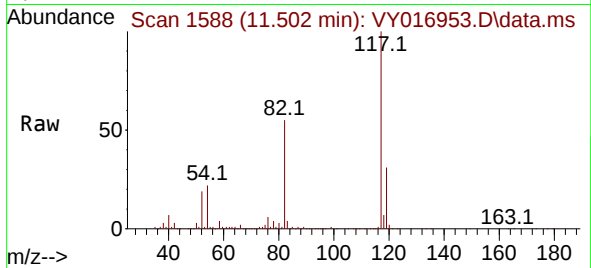




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

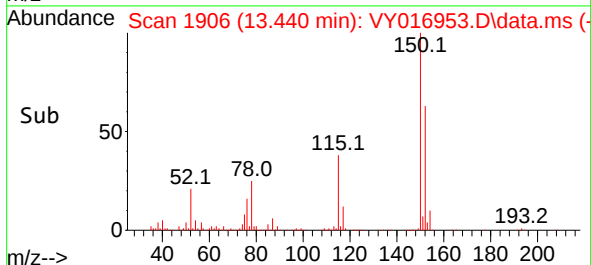
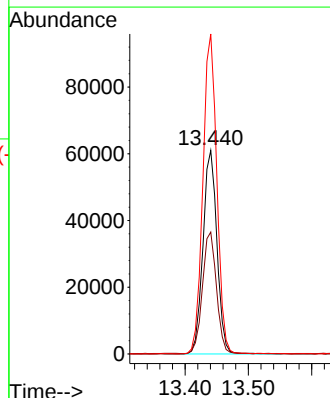
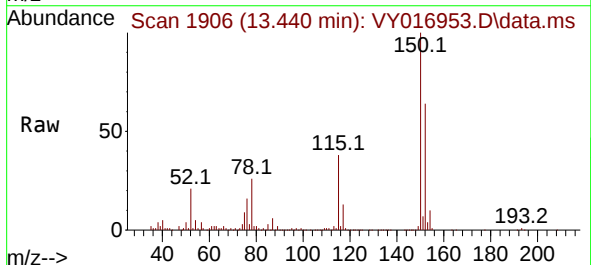
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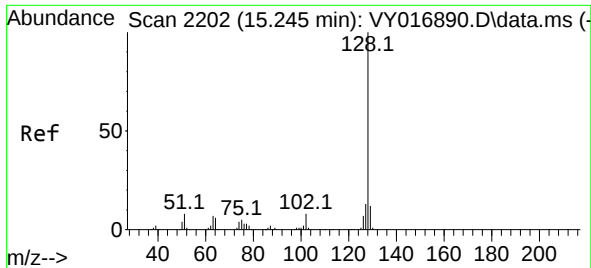
Tgt Ion:117 Resp: 236642
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

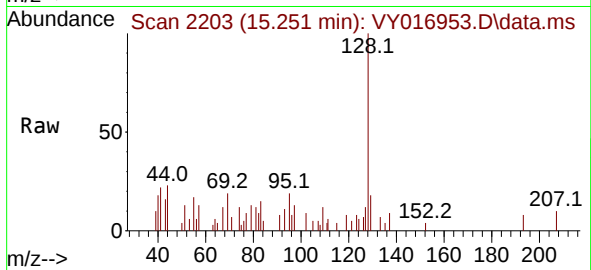
Tgt Ion:152 Resp: 93999
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 156.6 0.0 344.6





#95
Naphthalene
Concen: 1.718 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



Tgt Ion:128 Resp: 2793
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 14.2 8.6 12.8#

