

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
 Data File : VY017946.D
 Acq On : 16 Apr 2024 13:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 17 06:09:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	353736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	621778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	557549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	225531	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	170321	55.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.716	113	197507	51.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.179	98	715727	49.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	209367	46.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.880%

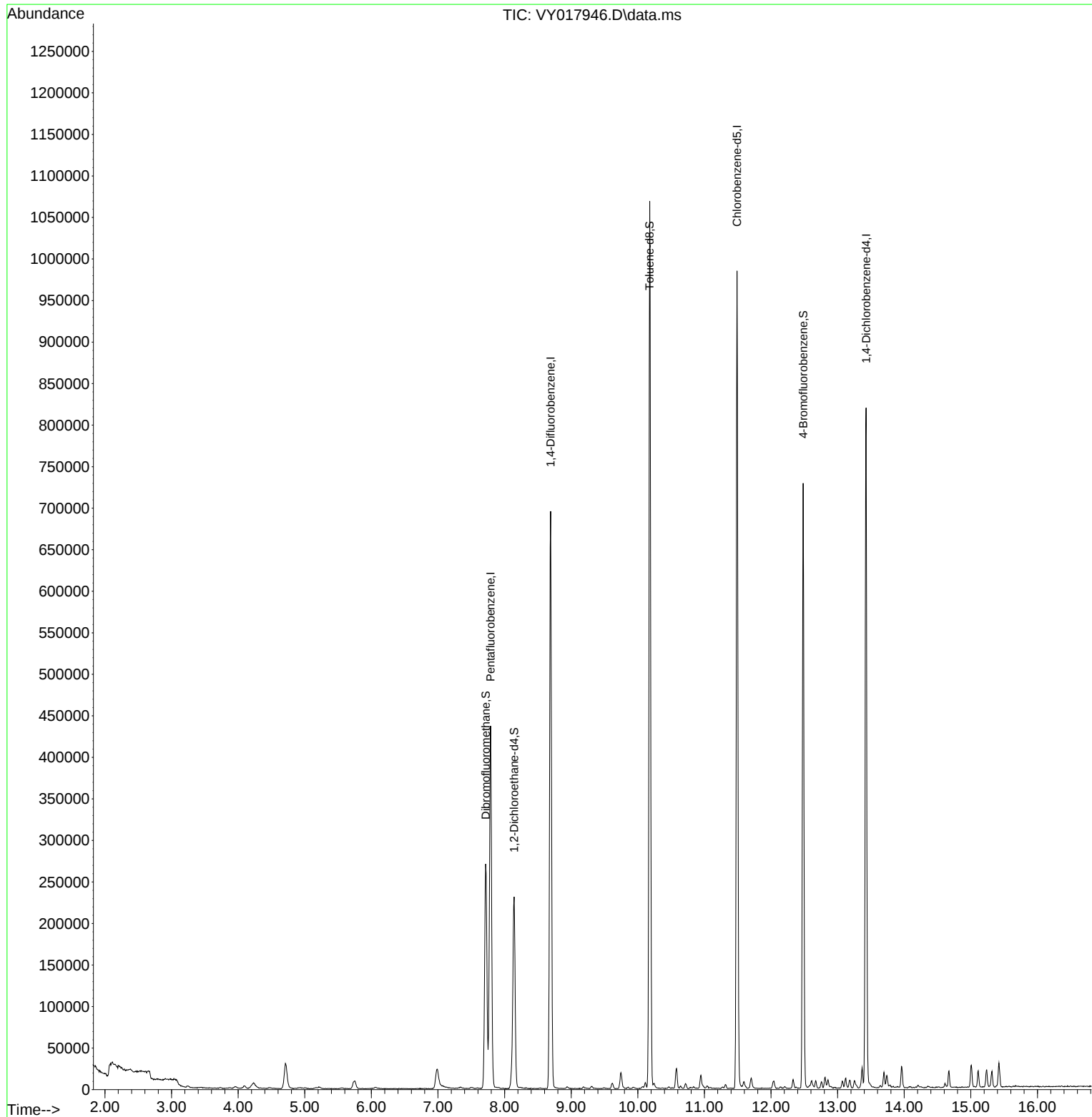
Target Compounds	Qvalue

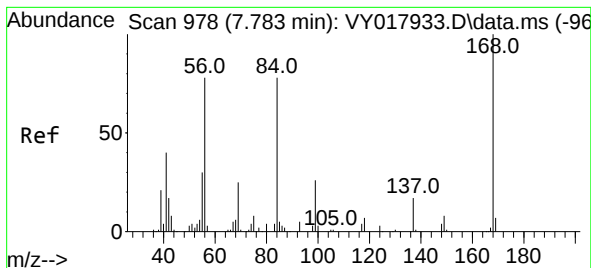
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY017946.D

Acq: 16 Apr 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

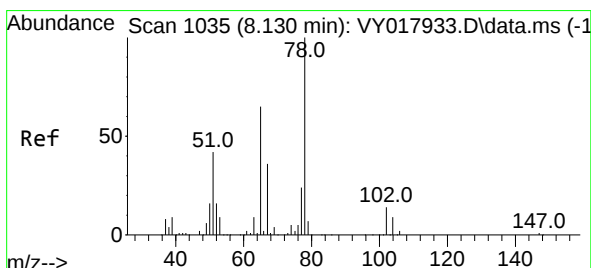
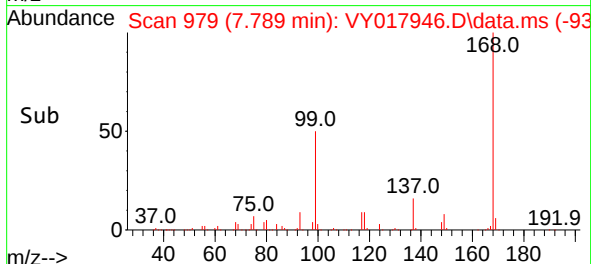
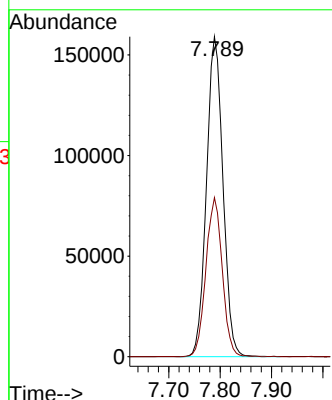
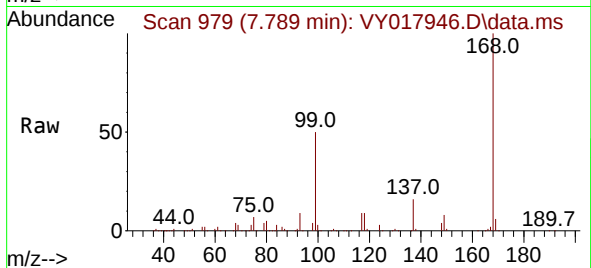
VIBLK

Tgt Ion:168 Resp: 353736

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 55.640 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017946.D

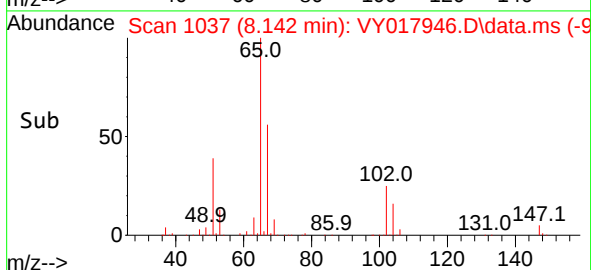
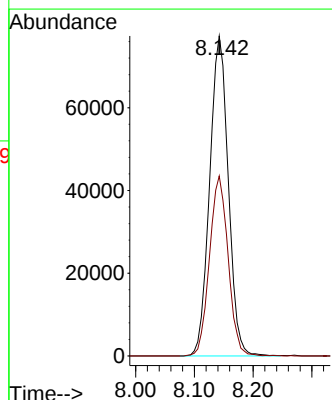
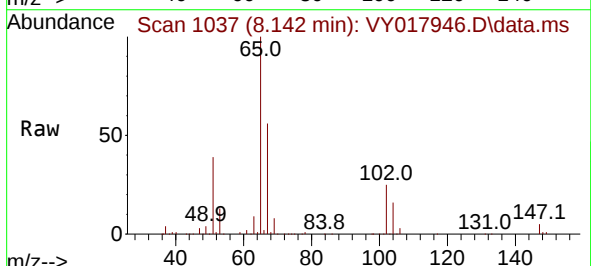
Acq: 16 Apr 2024 13:28

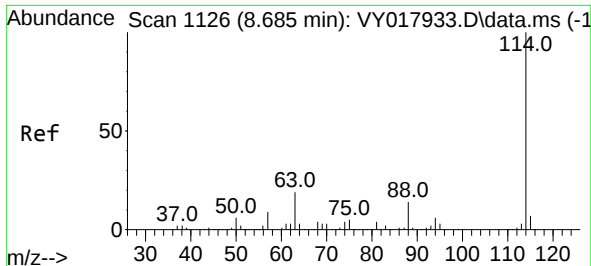
Tgt Ion: 65 Resp: 170321

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY017946.D

Acq: 16 Apr 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

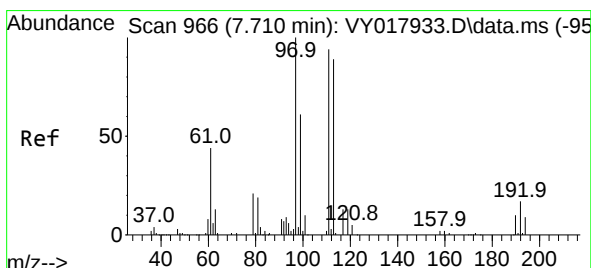
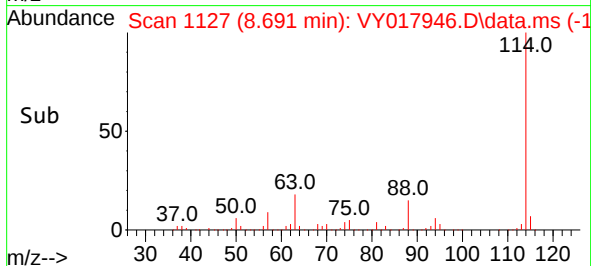
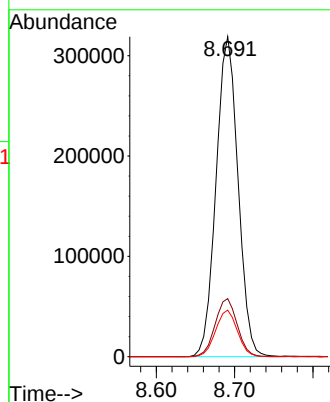
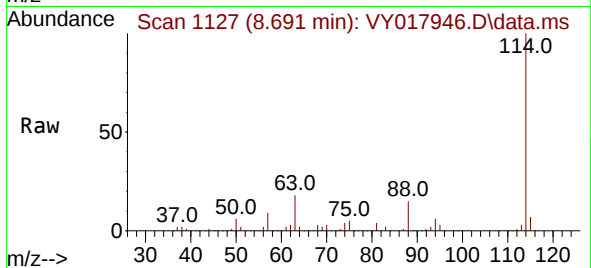
Tgt Ion:114 Resp: 621778

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.488 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY017946.D

Acq: 16 Apr 2024 13:28

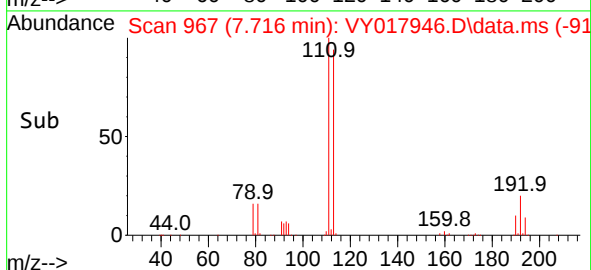
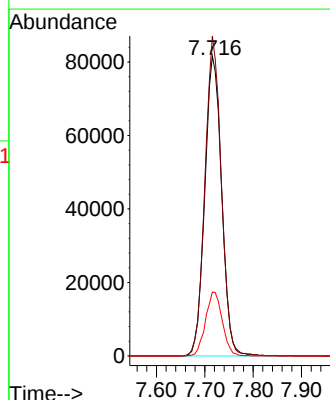
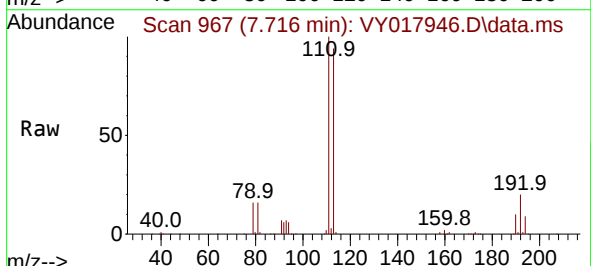
Tgt Ion:113 Resp: 197507

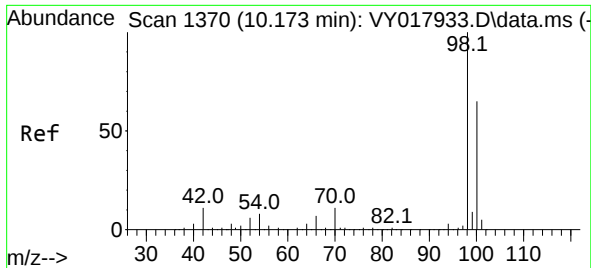
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 21.2 15.9 23.9

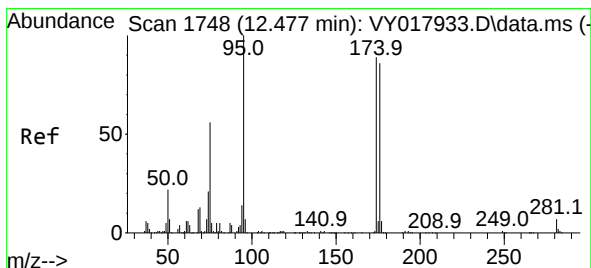
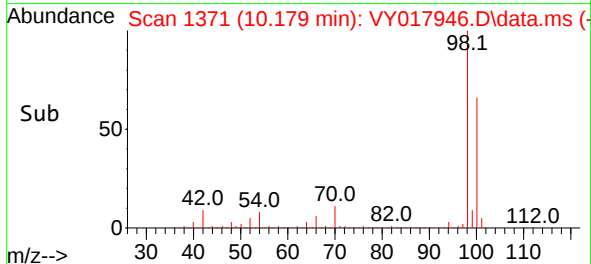
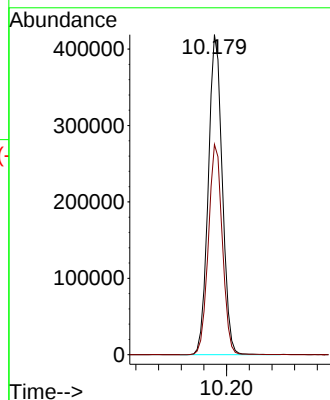
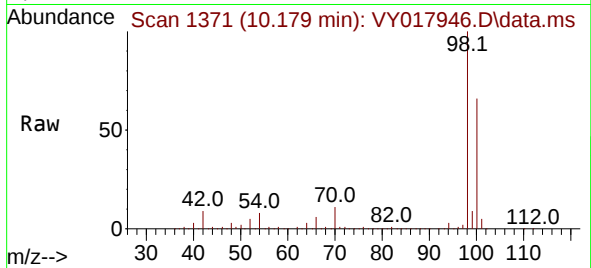




#50
Toluene-d8
Concen: 49.172 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017946.D
Acq: 16 Apr 2024 13:28

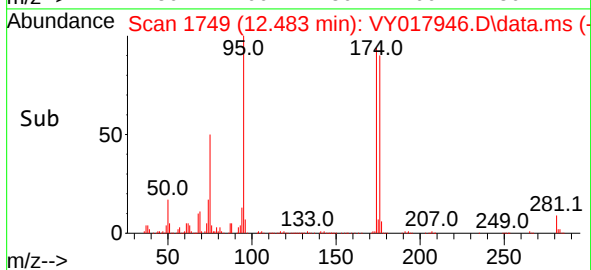
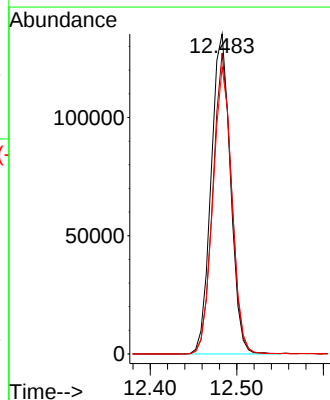
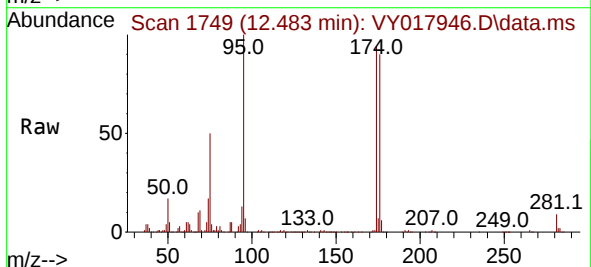
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

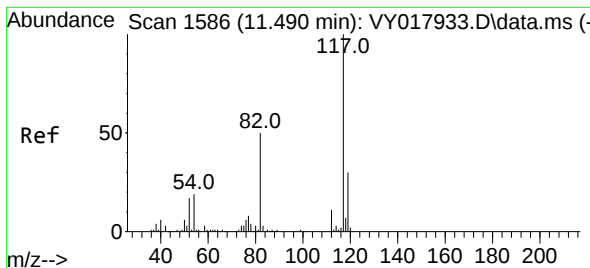
Tgt Ion: 98 Resp: 715727
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.444 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017946.D
Acq: 16 Apr 2024 13:28

Tgt Ion: 95 Resp: 209367
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 88.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017946.D

Acq: 16 Apr 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

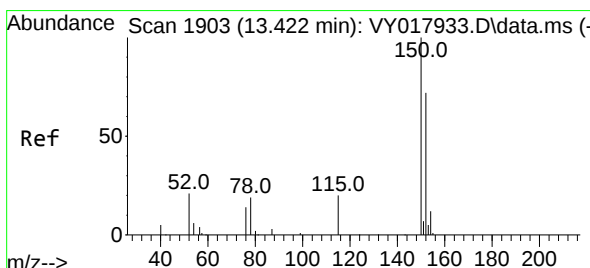
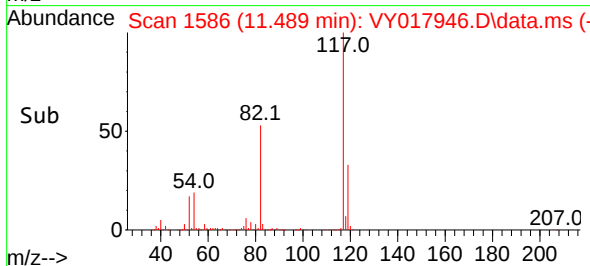
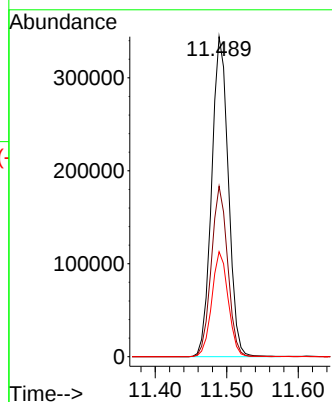
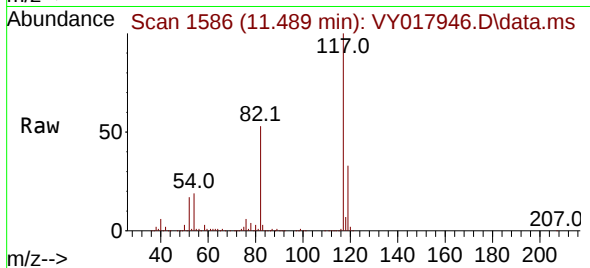
Tgt Ion:117 Resp: 557549

Ion Ratio Lower Upper

117 100

82 53.2 42.4 63.6

119 32.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017946.D

Acq: 16 Apr 2024 13:28

Tgt Ion:152 Resp: 225531

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 156.0 0.0 345.6

