

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016928.D
 Acq On : 08 Jan 2024 10:56
 Operator : SY/MD
 Sample : VY0108SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBL01

Quant Time: Jan 09 06:33:02 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	7.813	168	120219	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	252372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	241720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	91550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	58584	49.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.740	113	62101	38.615	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.240%
50) Toluene-d8	10.197	98	226201	40.846	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.700%
62) 4-Bromofluorobenzene	12.495	95	72630	38.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.740%

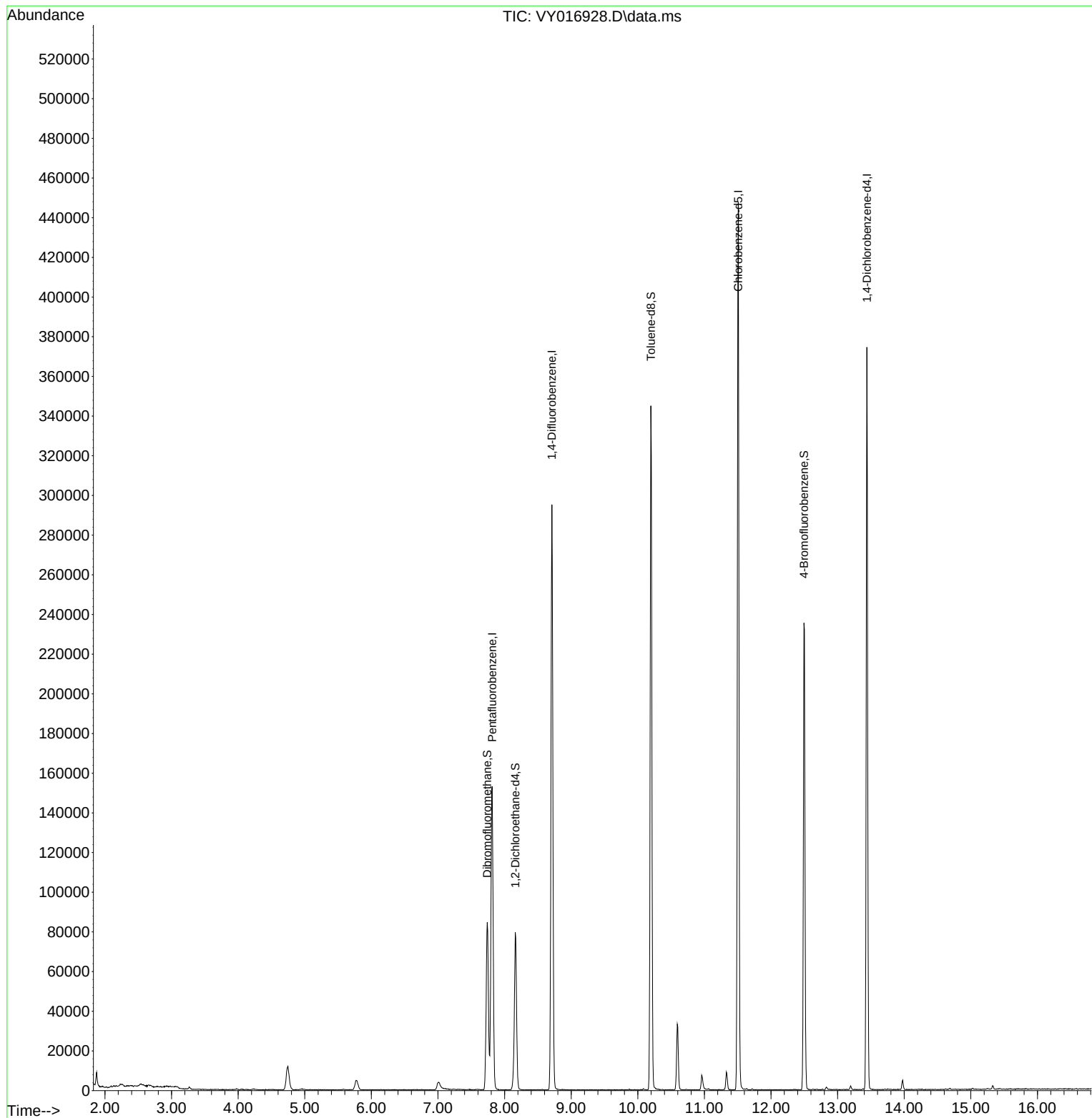
Target Compounds	Qvalue

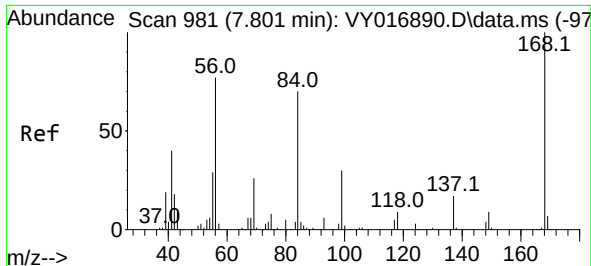
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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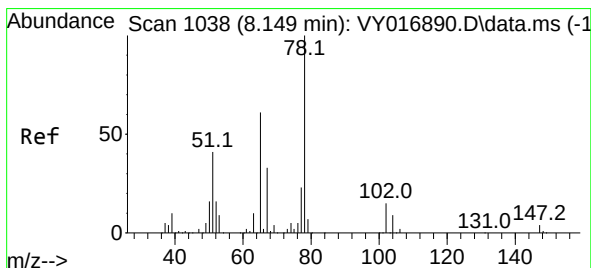
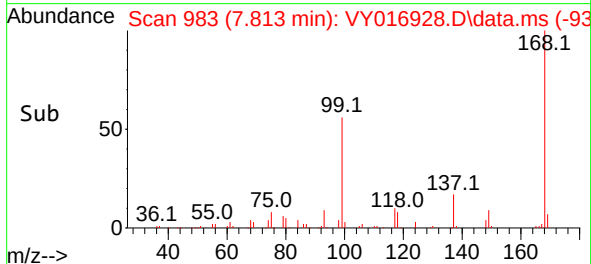
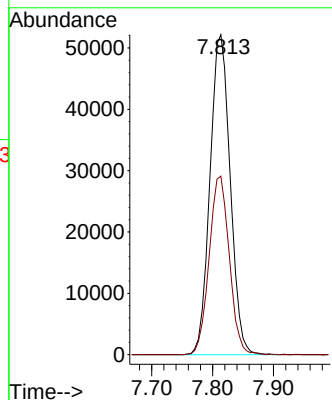
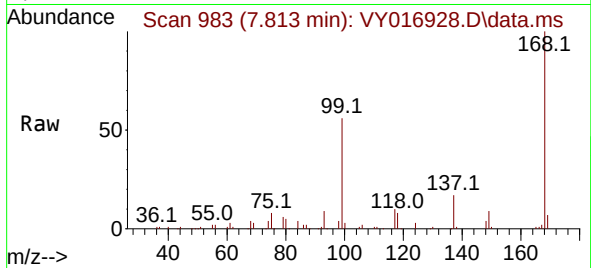




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016928.D
Acq: 08 Jan 2024 10:56

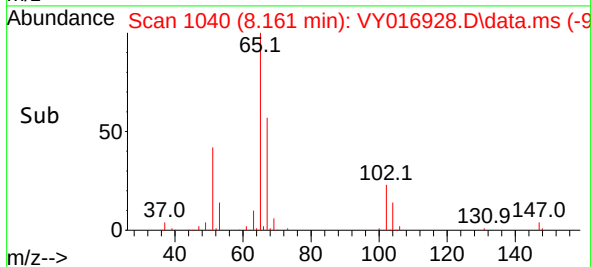
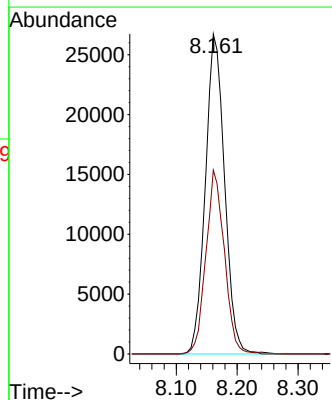
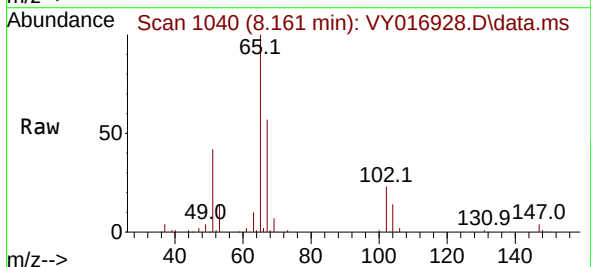
Instrument :
MSVOA_Y
ClientSampleId :
VY0108SBL01

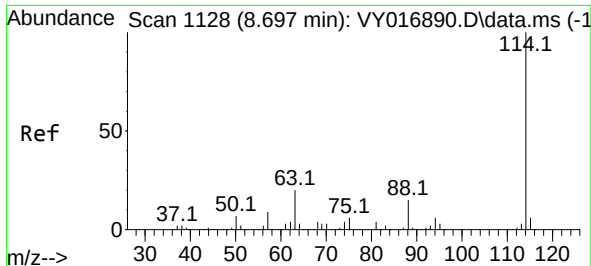
Tgt Ion:168 Resp: 120219
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.305 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016928.D
Acq: 08 Jan 2024 10:56

Tgt Ion: 65 Resp: 58584
Ion Ratio Lower Upper
65 100
67 55.3 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: VY016928.D

Acq: 08 Jan 2024 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0108SBL01

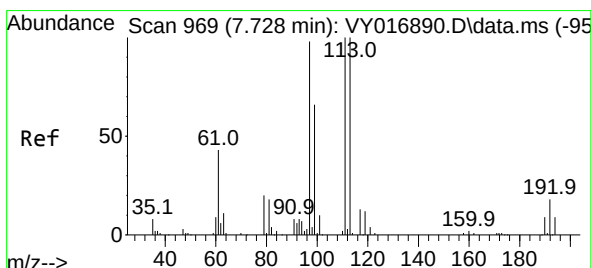
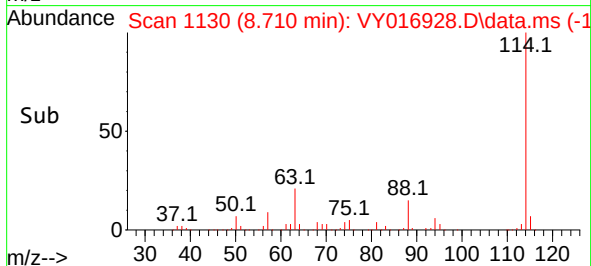
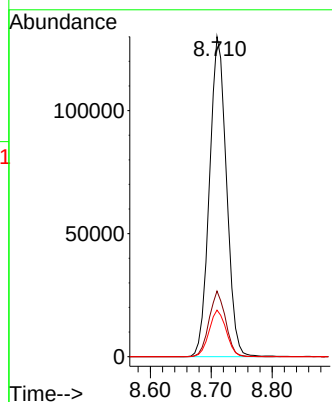
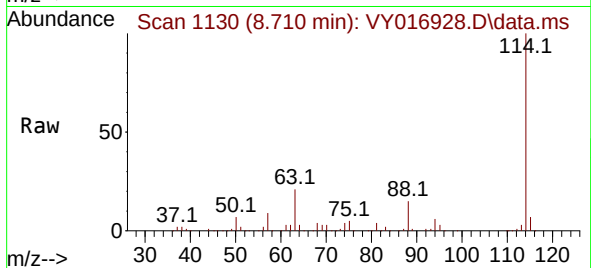
Tgt Ion:114 Resp: 252372

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.615 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016928.D

Acq: 08 Jan 2024 10:56

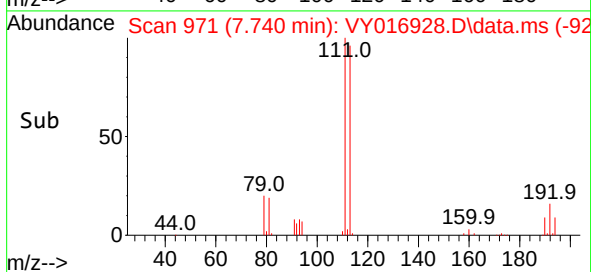
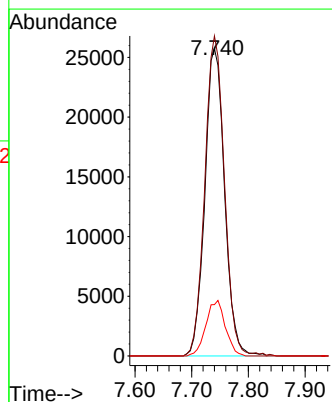
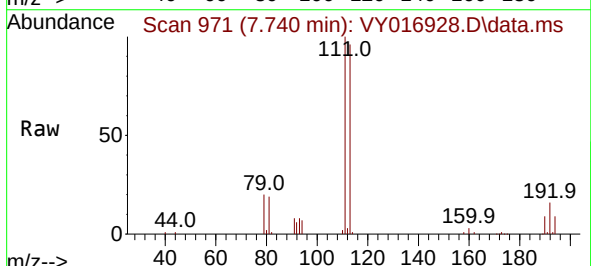
Tgt Ion:113 Resp: 62101

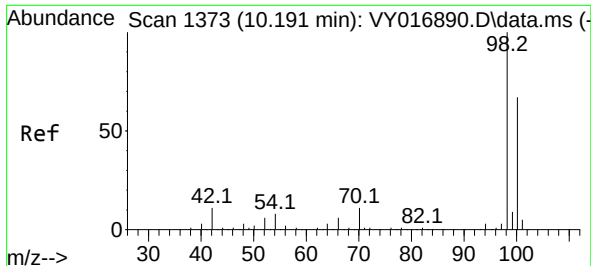
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 17.8 14.5 21.7

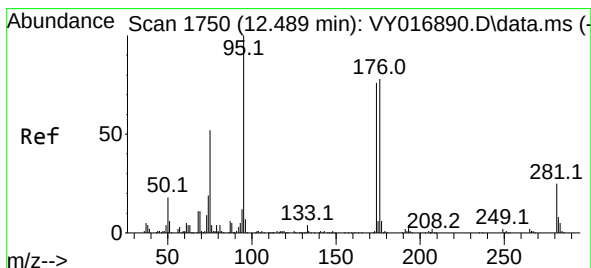
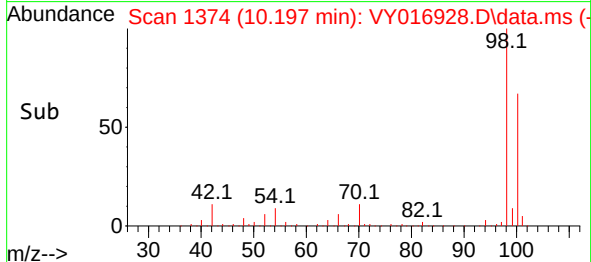
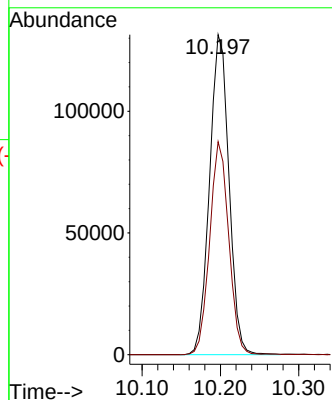
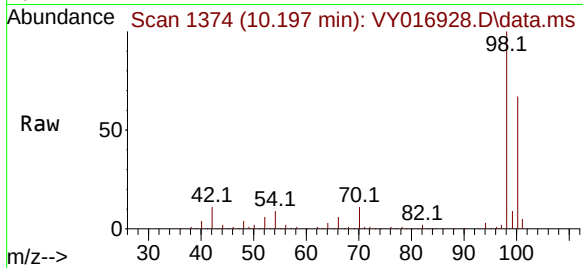




#50
Toluene-d8
Concen: 40.846 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016928.D
Acq: 08 Jan 2024 10:56

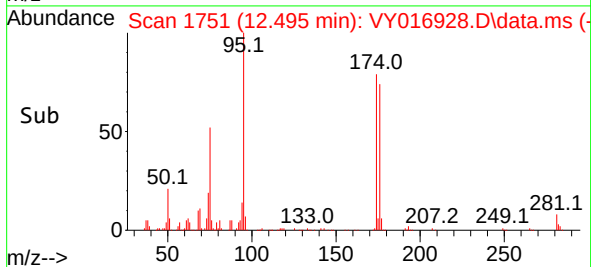
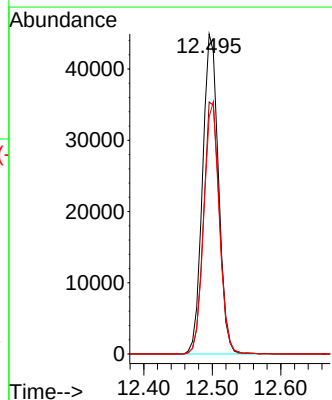
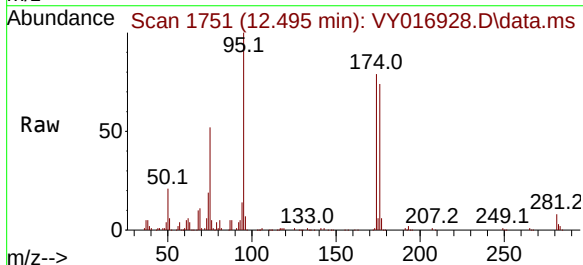
Instrument :
MSVOA_Y
ClientSampleId :
VY0108SBL01

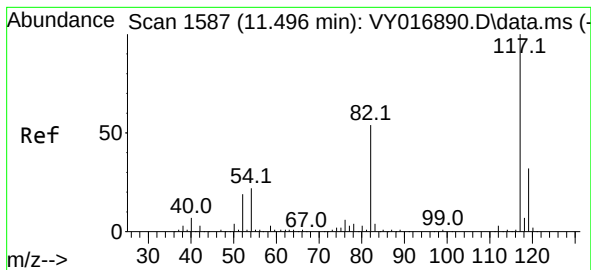
Tgt Ion: 98 Resp: 226201
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.872 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016928.D
Acq: 08 Jan 2024 10:56

Tgt Ion: 95 Resp: 72630
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 76.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016928.D

Acq: 08 Jan 2024 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0108SBL01

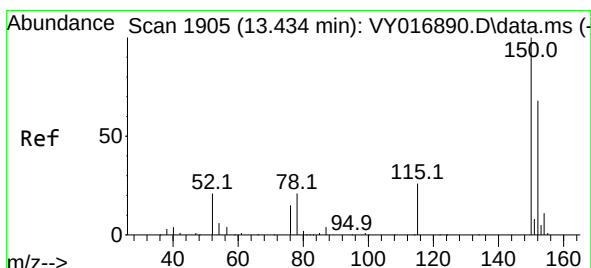
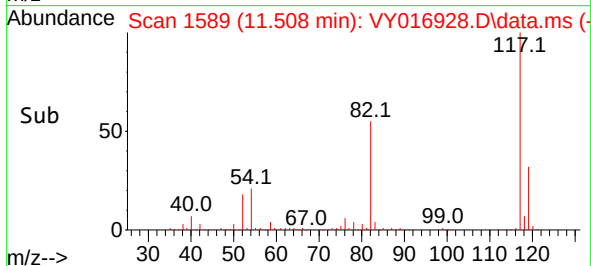
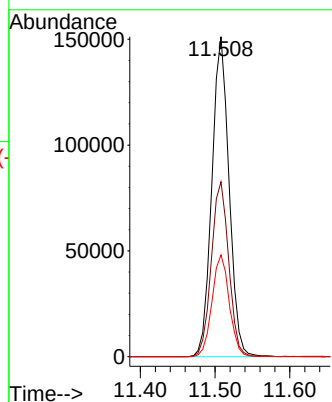
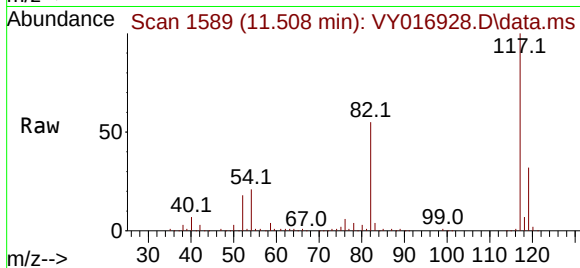
Tgt Ion:117 Resp: 241720

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 31.8 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: VY016928.D

Acq: 08 Jan 2024 10:56

Tgt Ion:152 Resp: 91550

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 156.0 0.0 344.6

