

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016590.D
 Acq On : 05 Dec 2023 11:45
 Operator : SY/MD
 Sample : VY1205SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBL01

Quant Time: Dec 06 02:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	134962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	213703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	189185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	79143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63816	51.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.320%	
35) Dibromofluoromethane	7.734	113	62328	48.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.920%	
50) Toluene-d8	10.197	98	243707	50.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.495	95	75231	47.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.060%	

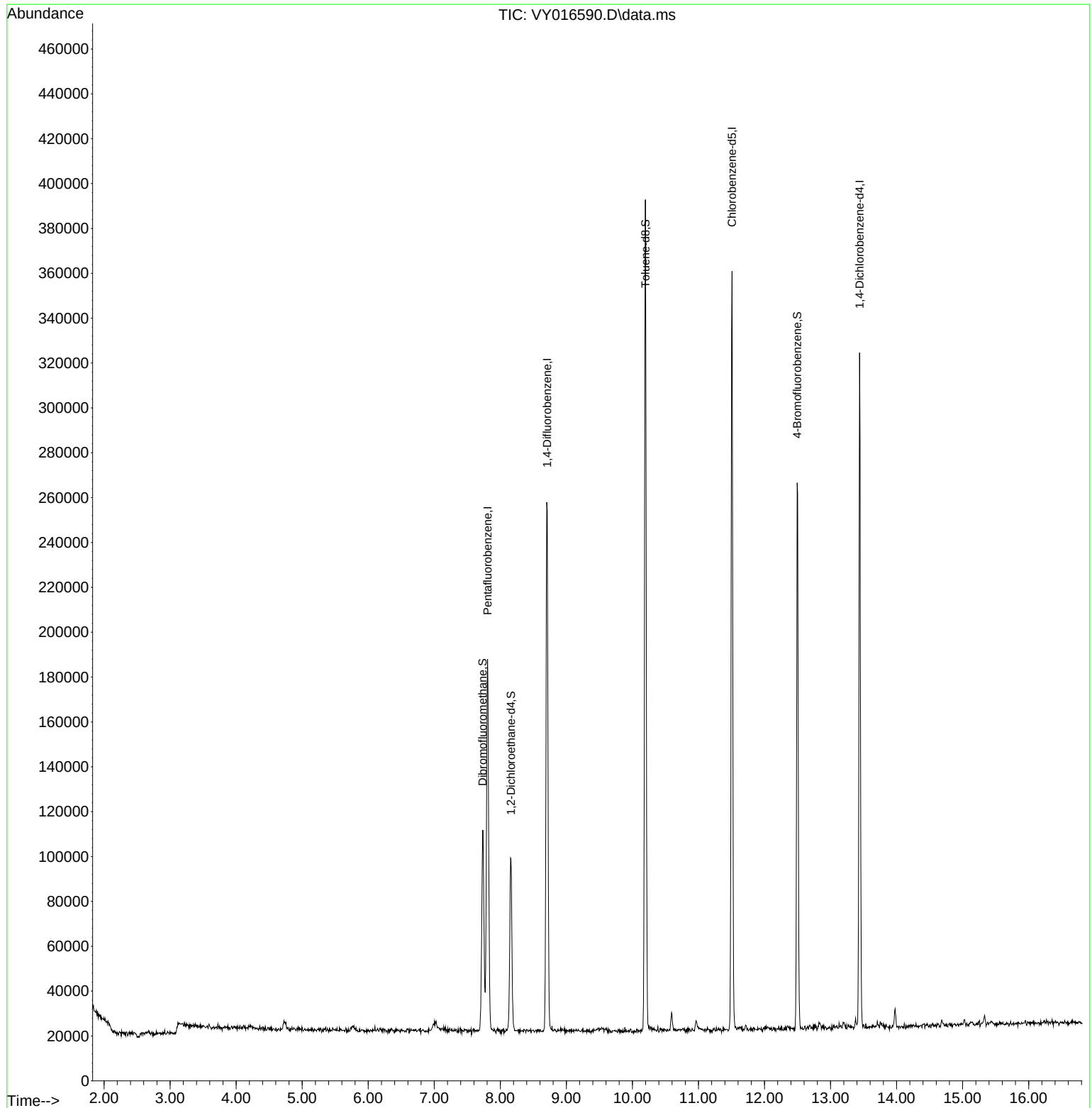
Target Compounds	Qvalue

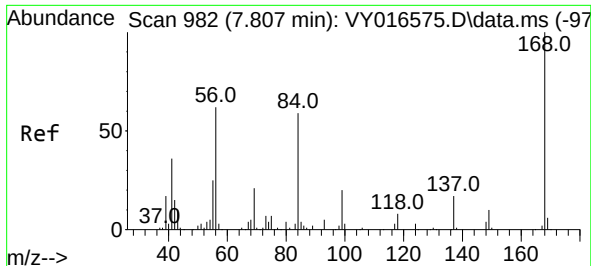
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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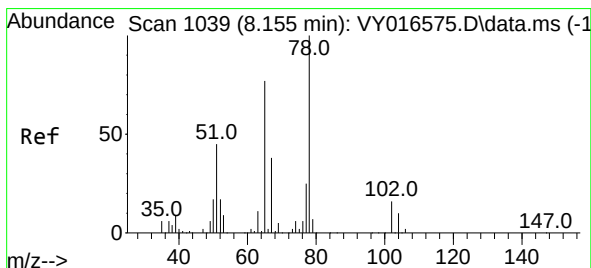
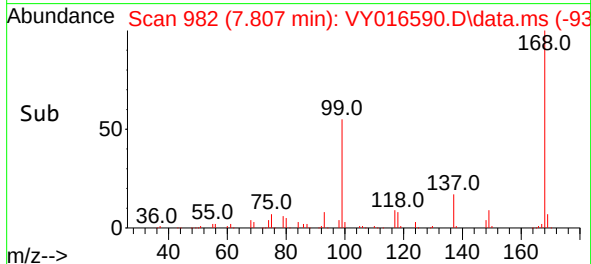
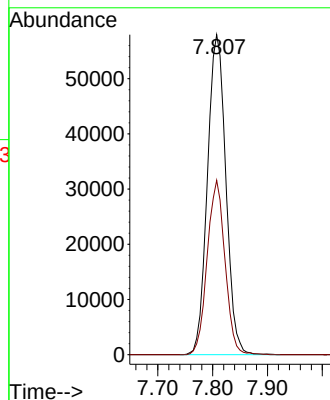
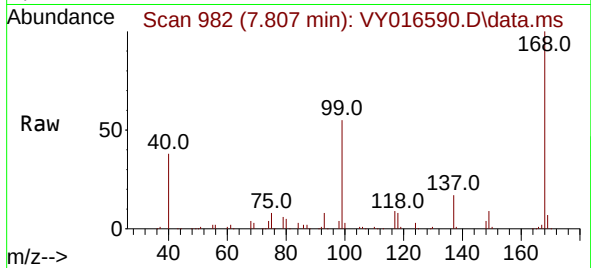




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

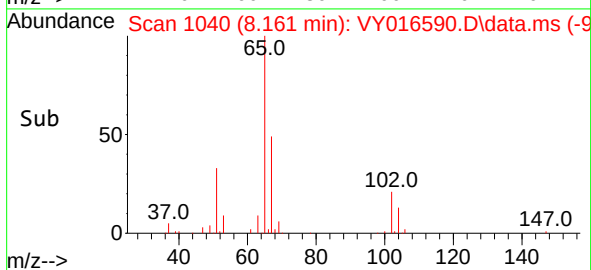
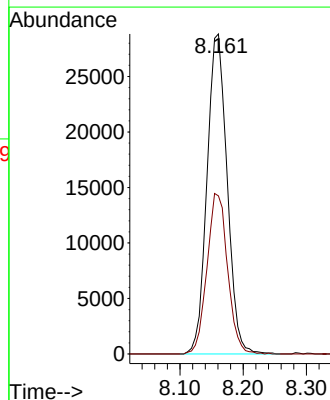
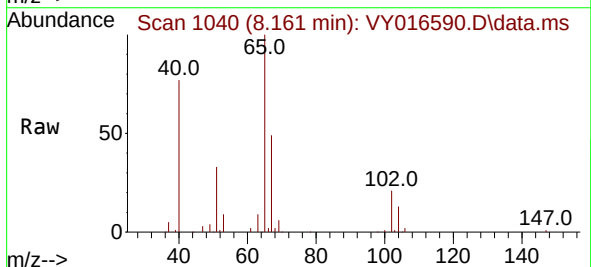
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

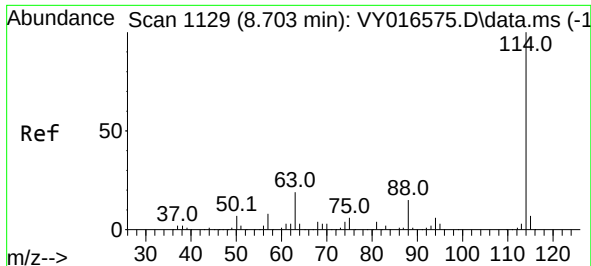
Tgt Ion:168 Resp: 134962
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.159 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 65 Resp: 63816
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016590.D

Acq: 05 Dec 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBL01

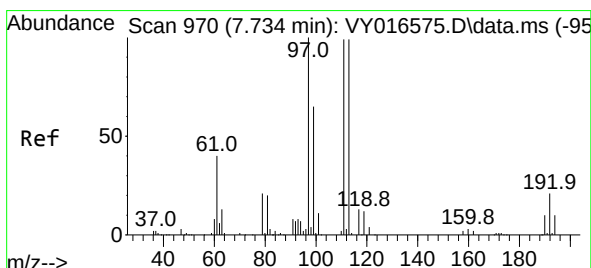
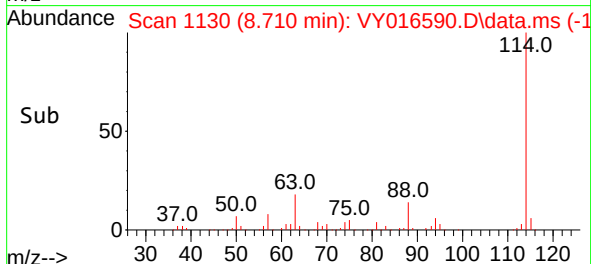
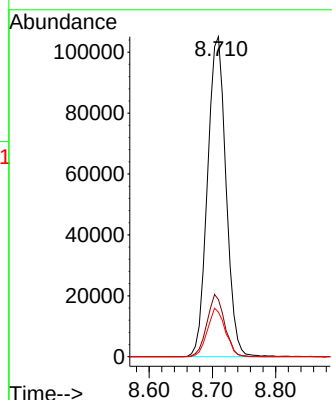
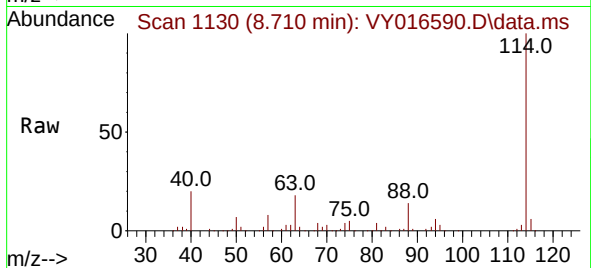
Tgt Ion:114 Resp: 213703

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.464 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016590.D

Acq: 05 Dec 2023 11:45

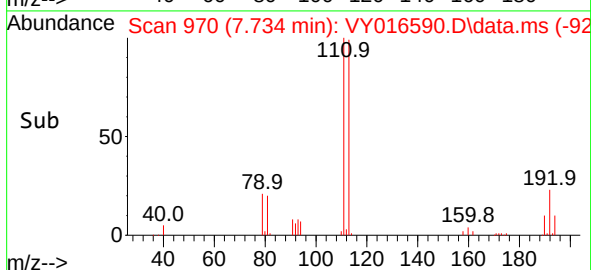
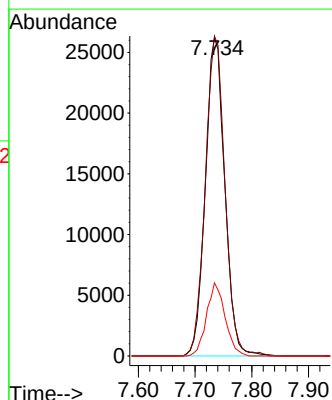
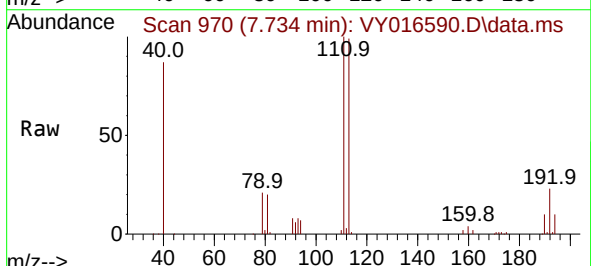
Tgt Ion:113 Resp: 62328

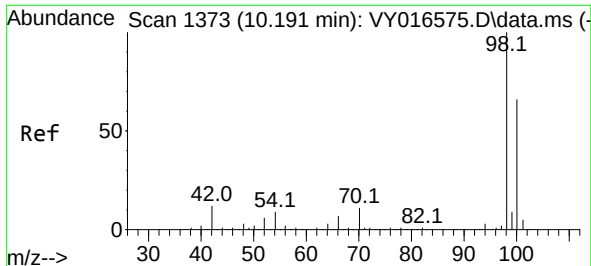
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 21.9 16.9 25.3

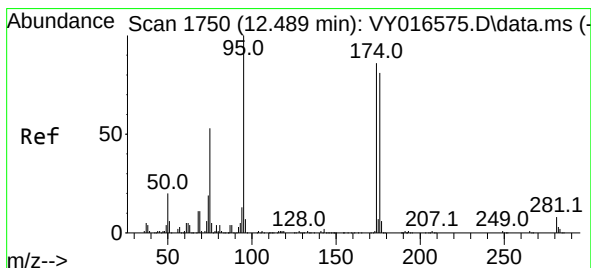
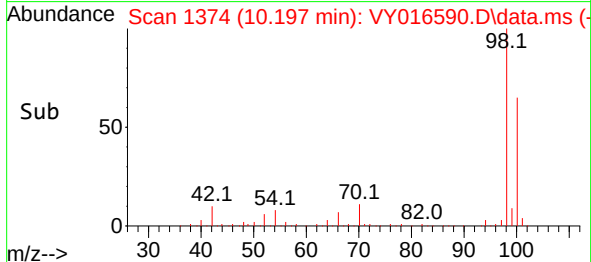
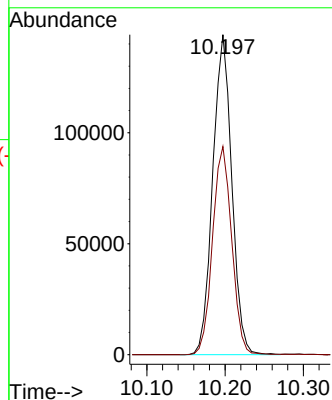
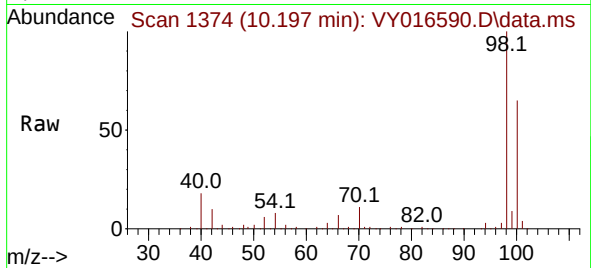




#50
Toluene-d8
Concen: 50.098 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

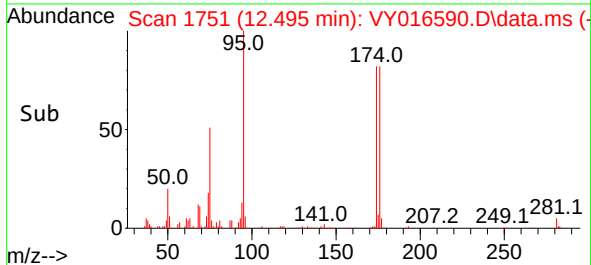
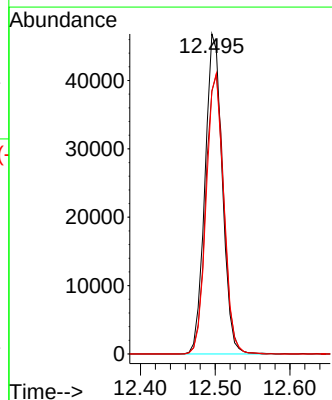
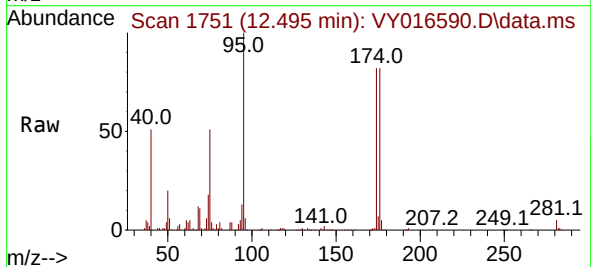
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

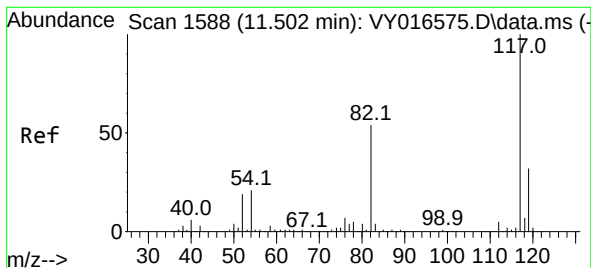
Tgt Ion: 98 Resp: 243707
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.027 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016590.D
Acq: 05 Dec 2023 11:45

Tgt Ion: 95 Resp: 75231
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 88.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016590.D

Acq: 05 Dec 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBL01

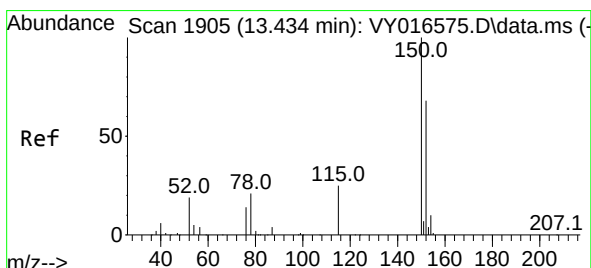
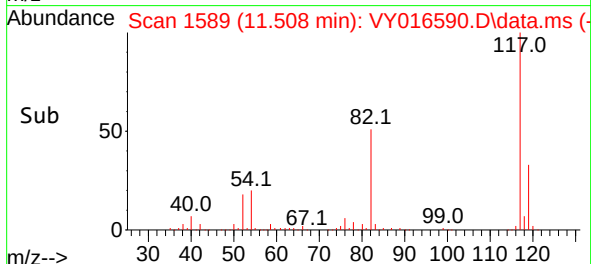
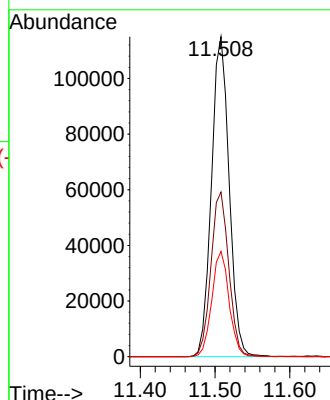
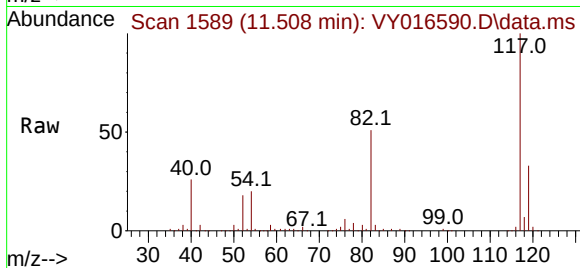
Tgt Ion:117 Resp: 189185

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016590.D

Acq: 05 Dec 2023 11:45

Tgt Ion:152 Resp: 79143

Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 157.9 0.0 348.8

