

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016337.D
 Acq On : 14 Nov 2023 10:02
 Operator : SY/MD
 Sample : VY1114SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1114SBL01

Quant Time: Nov 14 19:00:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	105738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	189310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	176842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80180	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	64766	67.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.040%
35) Dibromofluoromethane	7.734	113	58613	54.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.191	98	220045	50.458	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.496	95	75404	53.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.480%

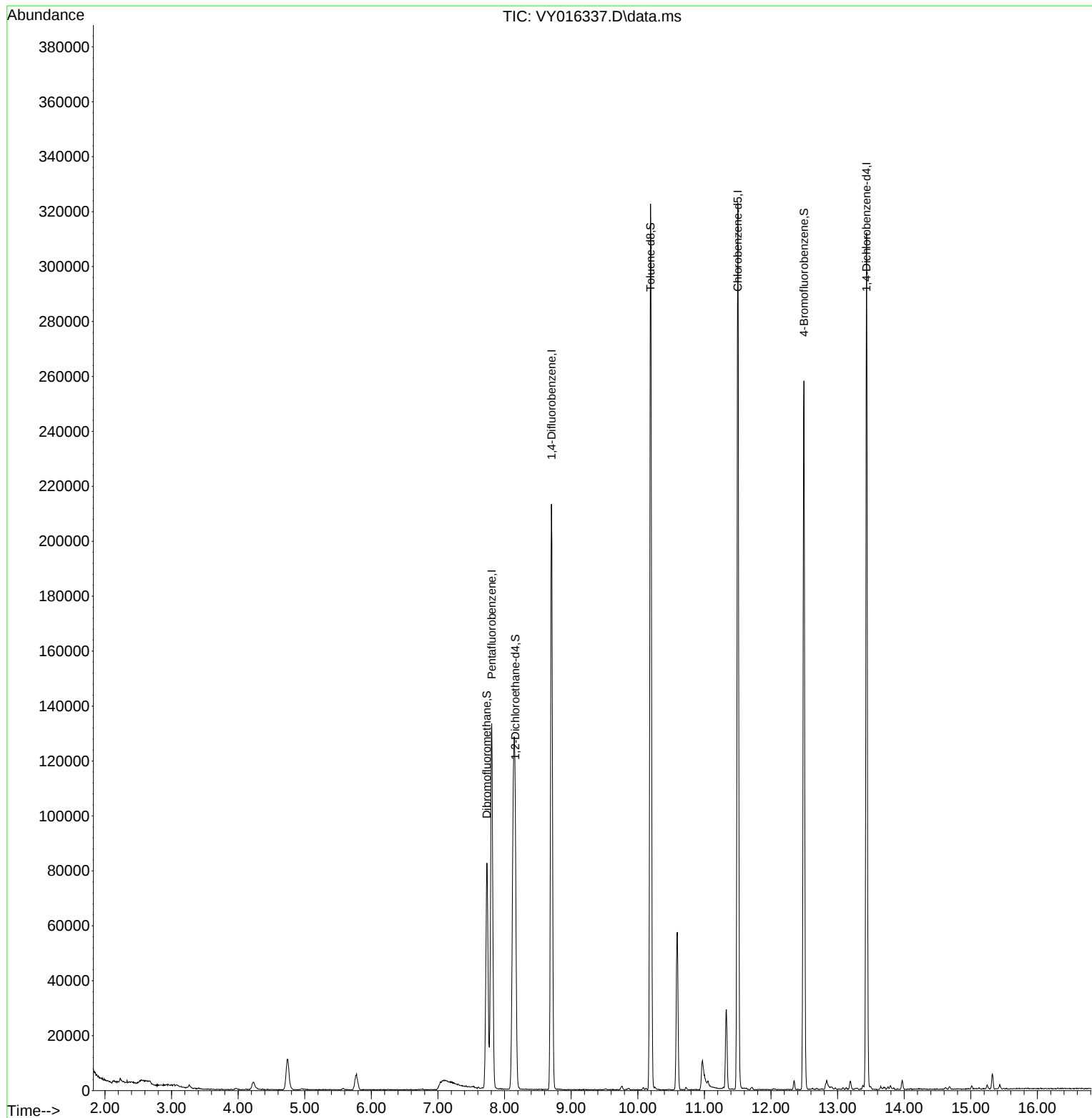
Target Compounds	Qvalue

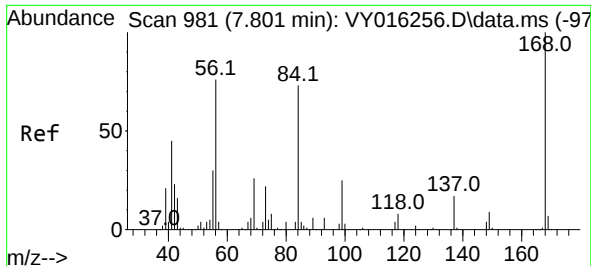
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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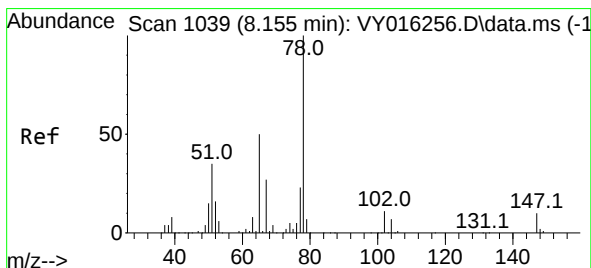
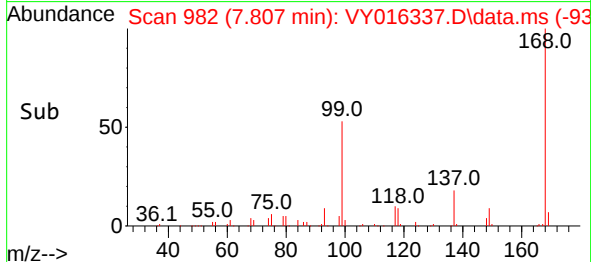
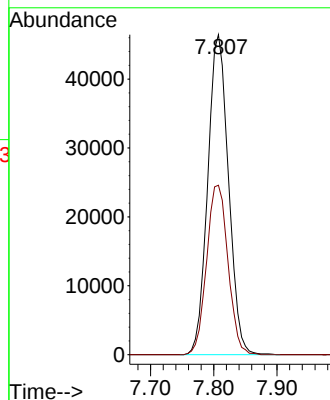
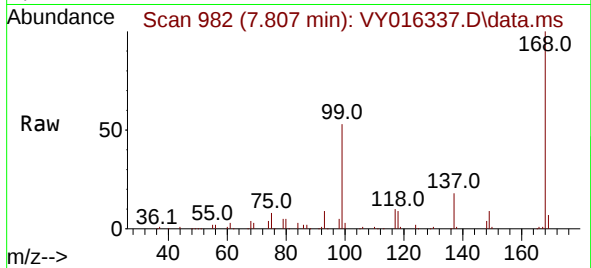




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016337.D
Acq: 14 Nov 2023 10:02

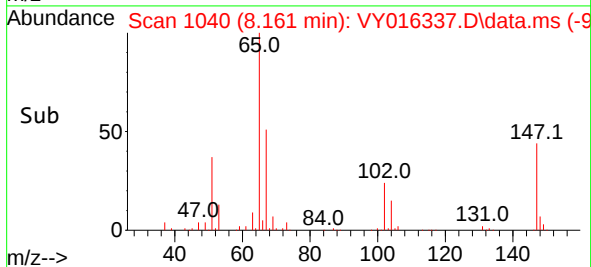
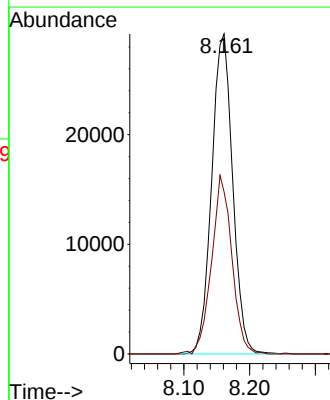
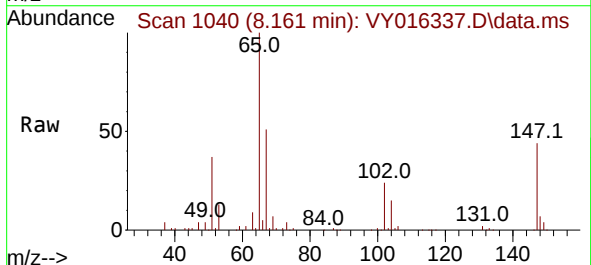
Instrument :
MSVOA_Y
ClientSampleId :
VY1114SBL01

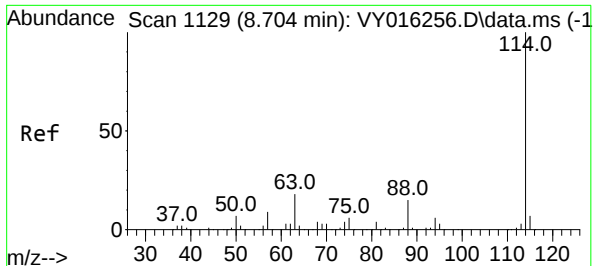
Tgt Ion:168 Resp: 105738
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.018 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016337.D
Acq: 14 Nov 2023 10:02

Tgt Ion: 65 Resp: 64766
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016337.D

Acq: 14 Nov 2023 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBL01

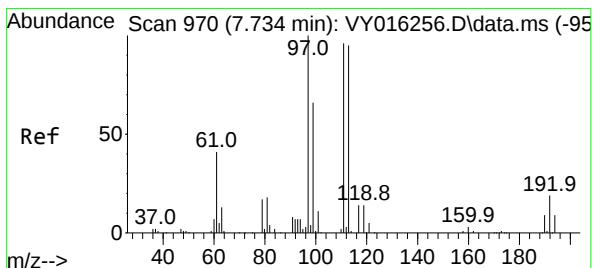
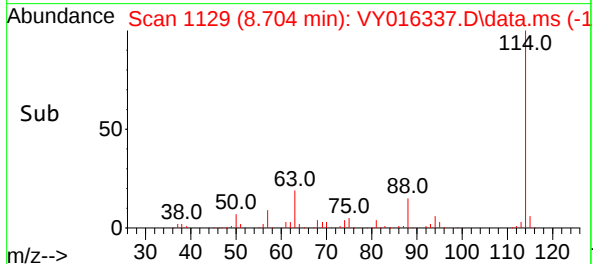
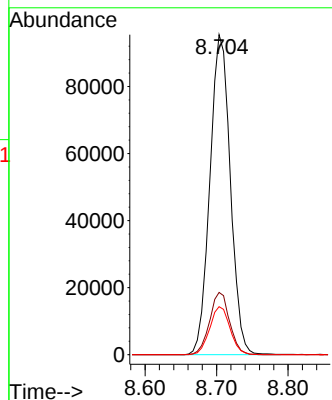
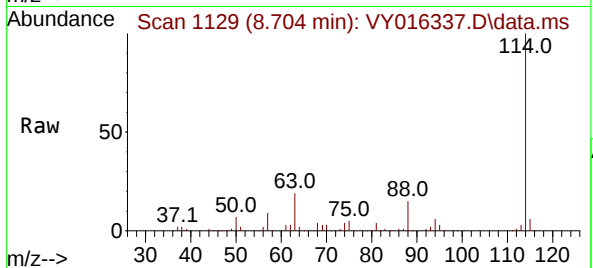
Tgt Ion:114 Resp: 189310

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.503 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016337.D

Acq: 14 Nov 2023 10:02

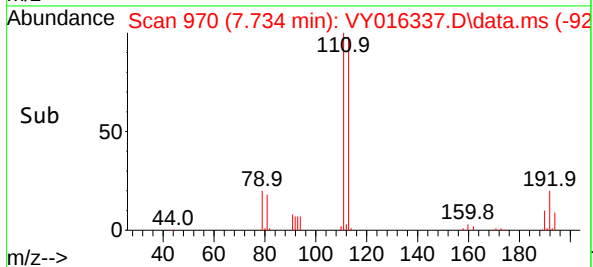
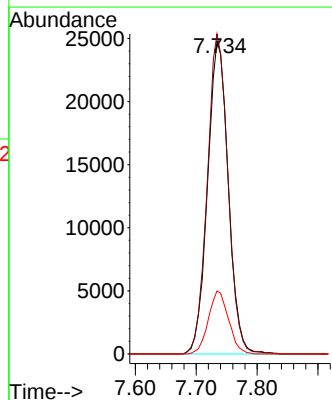
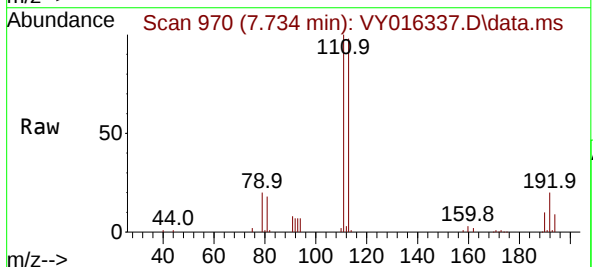
Tgt Ion:113 Resp: 58613

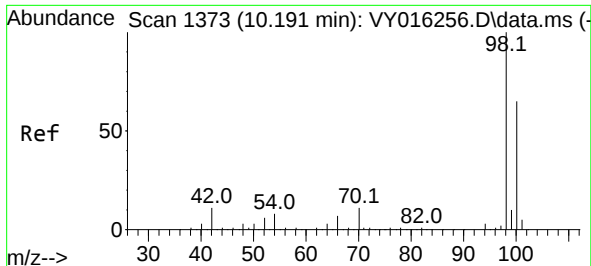
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.6 16.9 25.3

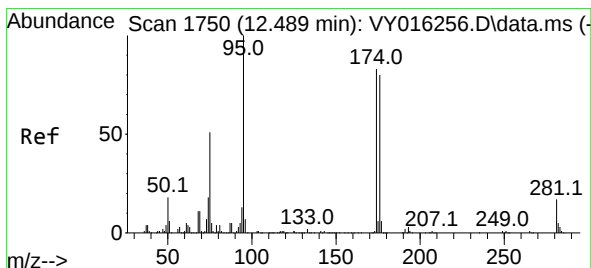
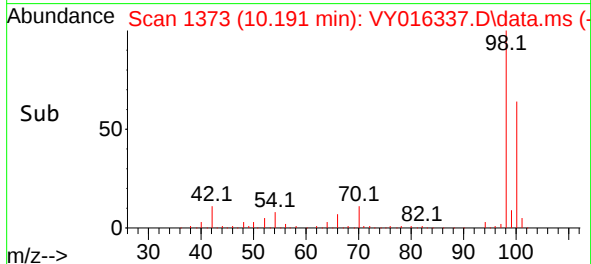
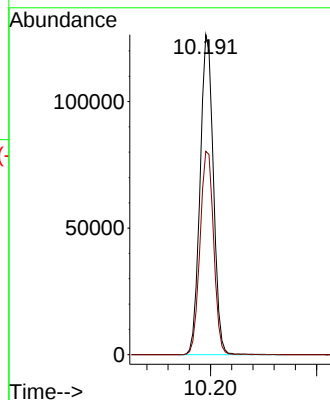
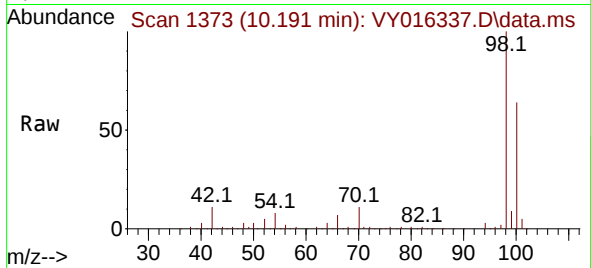




#50
Toluene-d8
Concen: 50.458 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016337.D
Acq: 14 Nov 2023 10:02

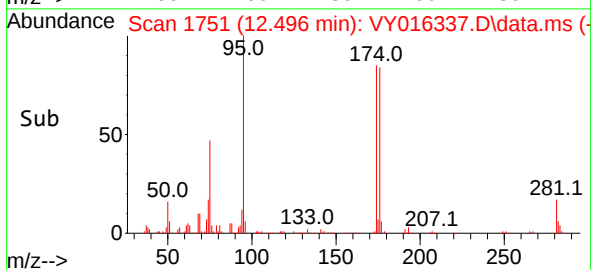
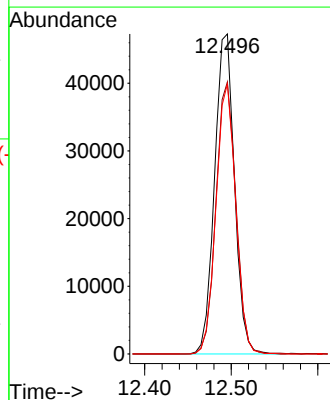
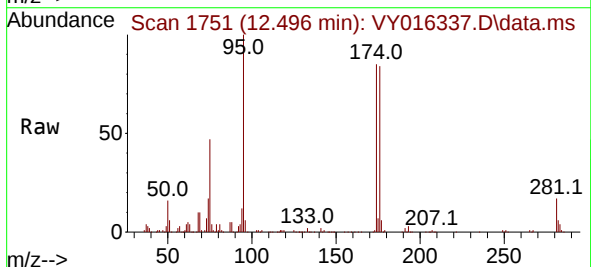
Instrument :
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VY1114SBL01

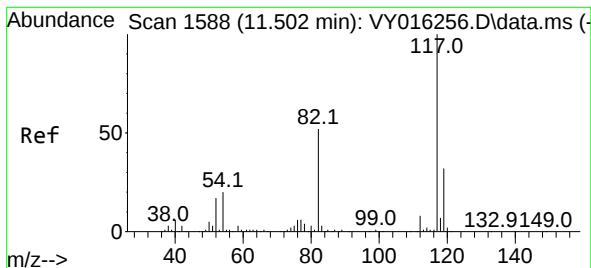
Tgt Ion: 98 Resp: 220045
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.237 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016337.D
Acq: 14 Nov 2023 10:02

Tgt Ion: 95 Resp: 75404
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016337.D

Acq: 14 Nov 2023 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1114SBL01

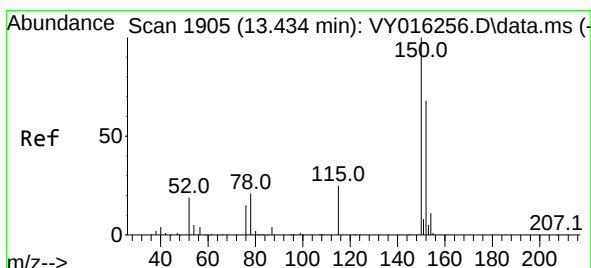
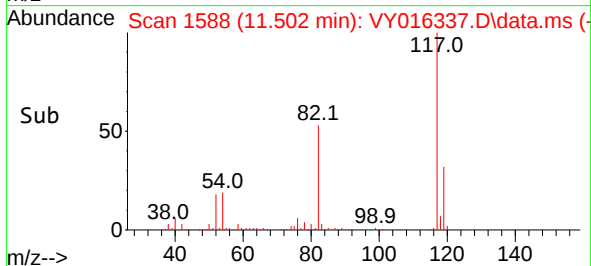
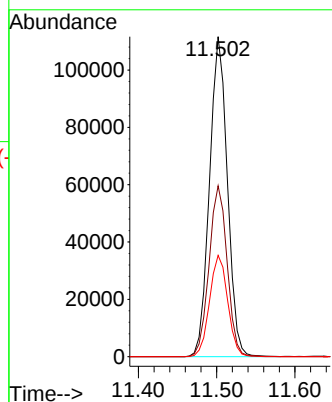
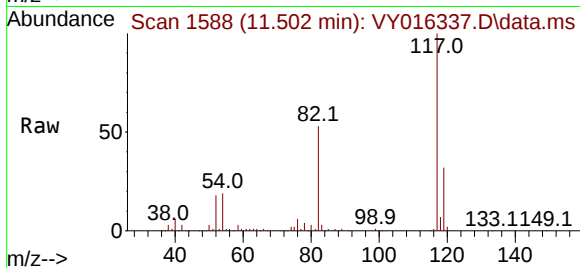
Tgt Ion:117 Resp: 176842

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016337.D

Acq: 14 Nov 2023 10:02

Tgt Ion:152 Resp: 80180

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 155.9 0.0 348.8

