

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016536.D
 Acq On : 29 Nov 2023 14:57
 Operator : SY/MD
 Sample : VY1129SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1129SBL01

Quant Time: Nov 30 03:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	108110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	176694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	156955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	61781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	46972	54.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.980%
35) Dibromofluoromethane	7.746	113	51280	49.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.203	98	200451	49.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.502	95	60076	47.612	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.220%

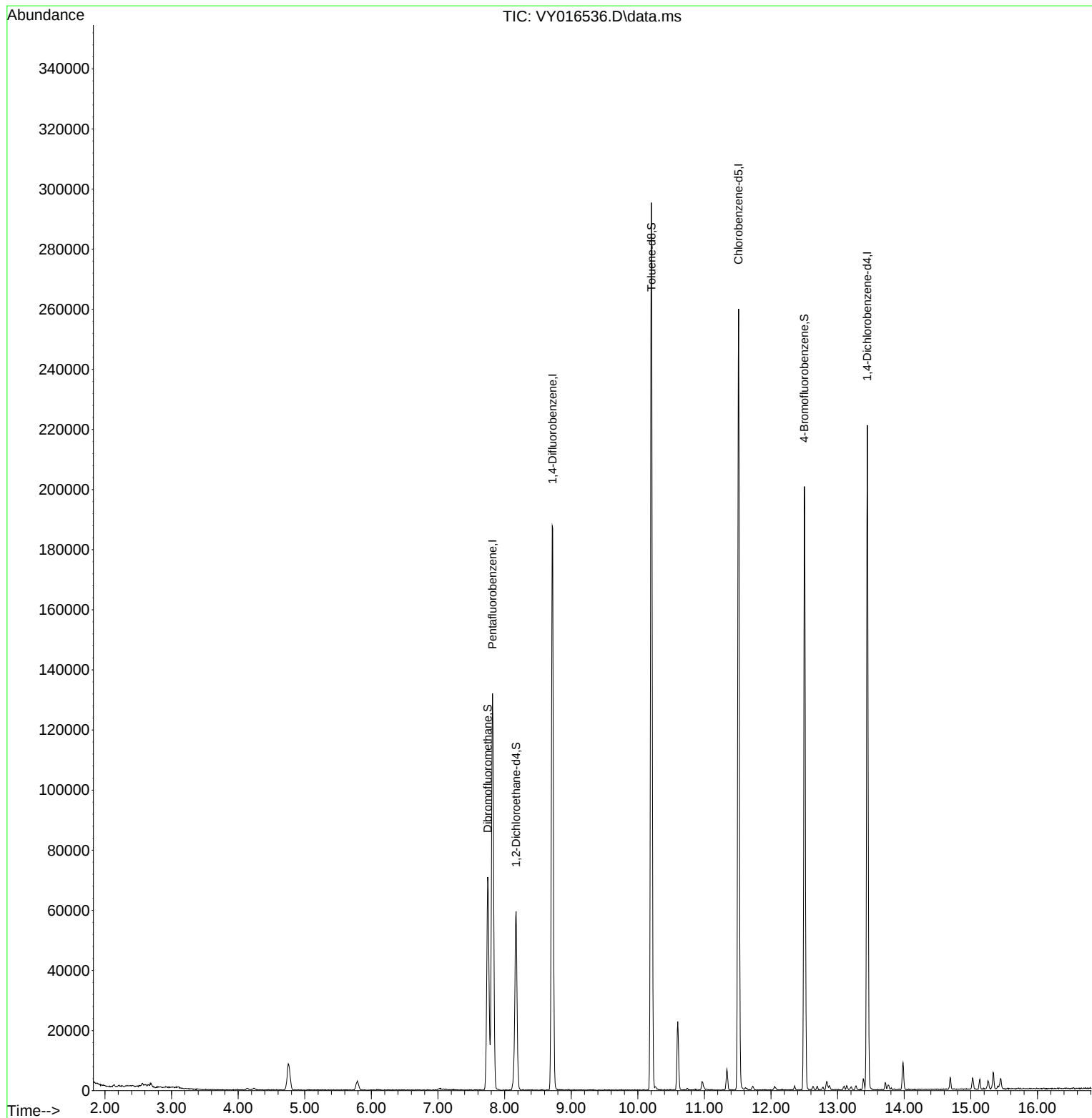
Target Compounds	Qvalue

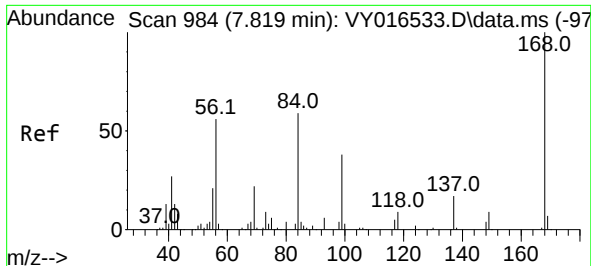
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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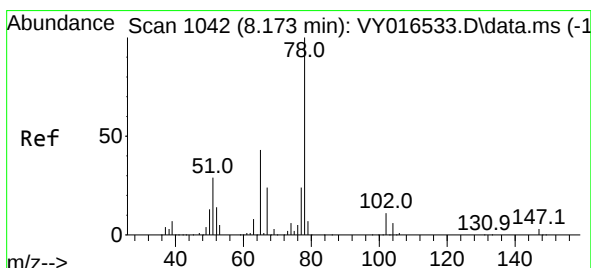
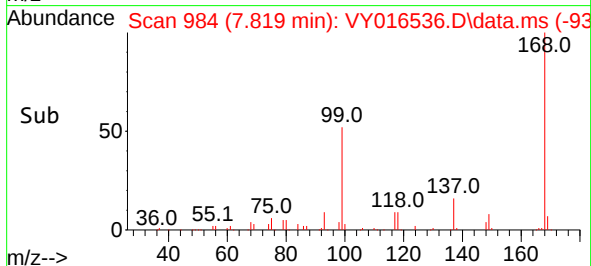
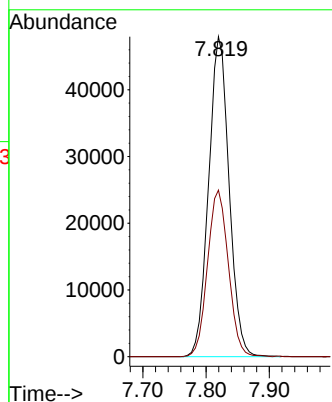
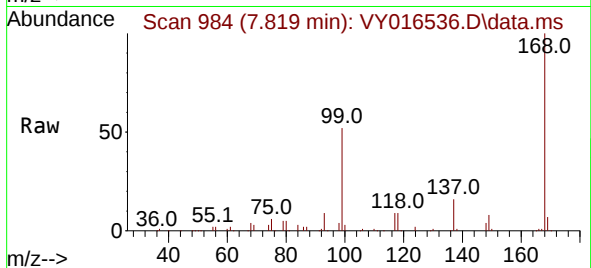




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

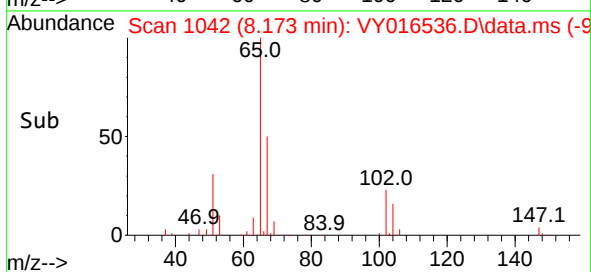
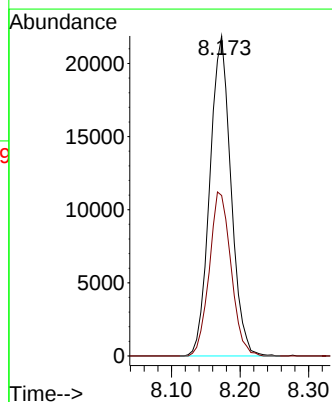
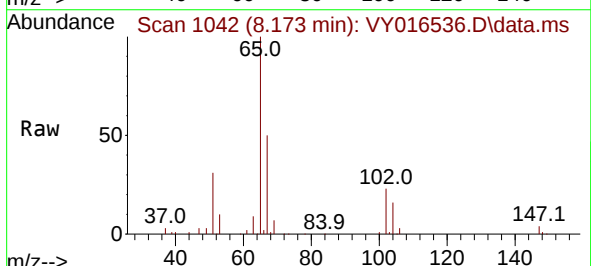
Instrument :
MSVOA_Y
ClientSampleId :
VY1129SBL01

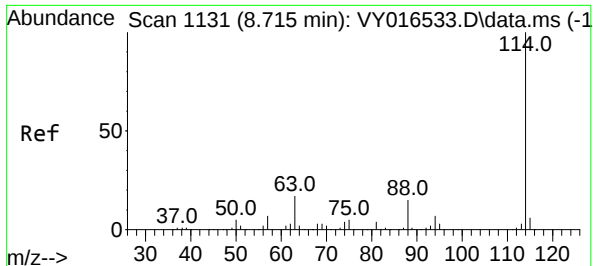
Tgt Ion:168 Resp: 108110
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.995 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016536.D
Acq: 29 Nov 2023 14:57

Tgt Ion: 65 Resp: 46972
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1129SBL01

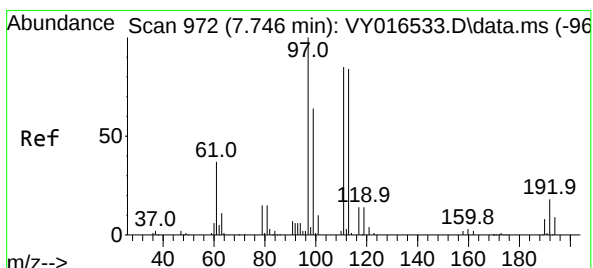
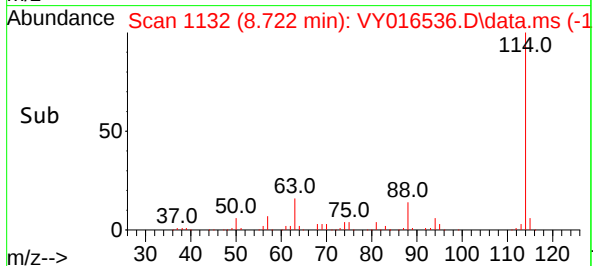
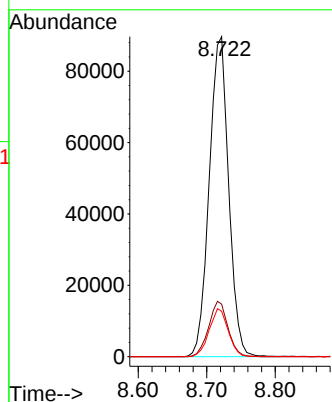
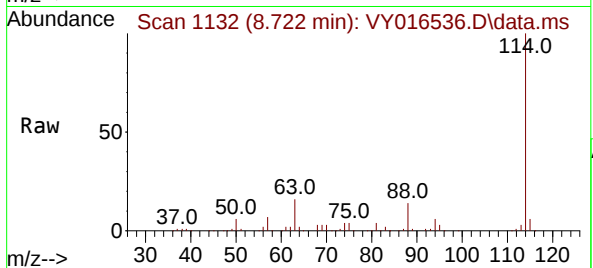
Tgt Ion:114 Resp: 176694

Ion Ratio Lower Upper

114 100

63 16.4 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.449 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

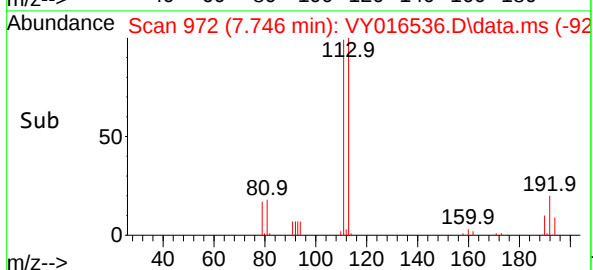
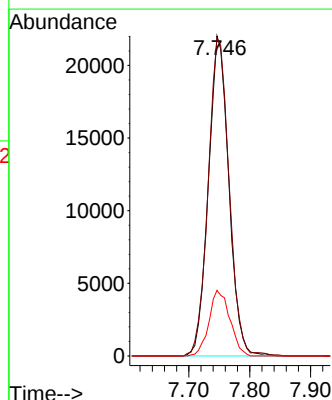
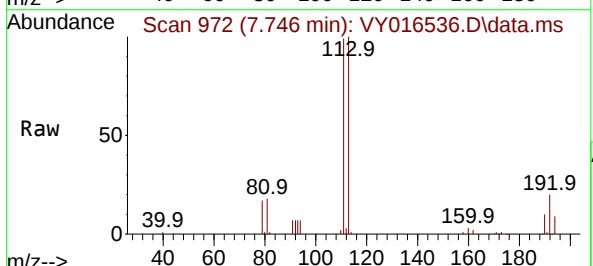
Tgt Ion:113 Resp: 51280

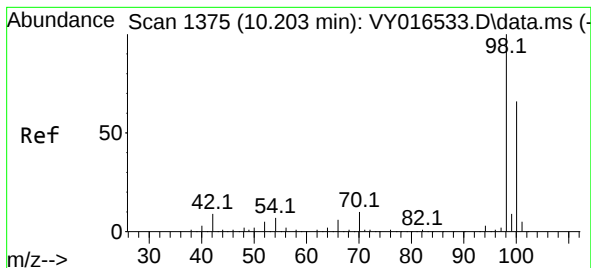
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.0 16.9 25.3





#50

Toluene-d8

Concen: 49.836 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

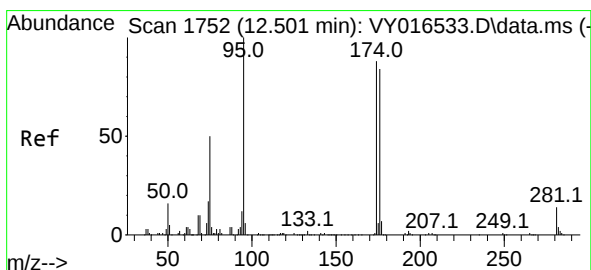
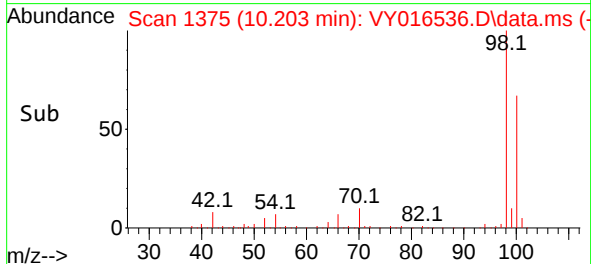
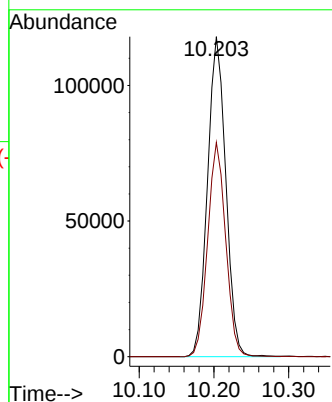
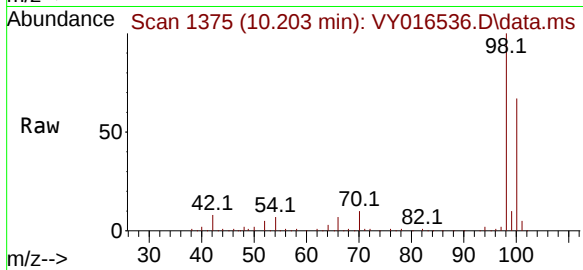
VY1129SBL01

Tgt Ion: 98 Resp: 200451

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 47.612 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

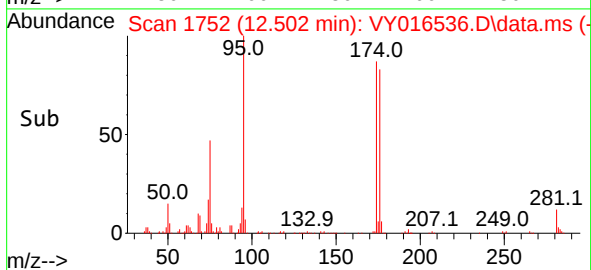
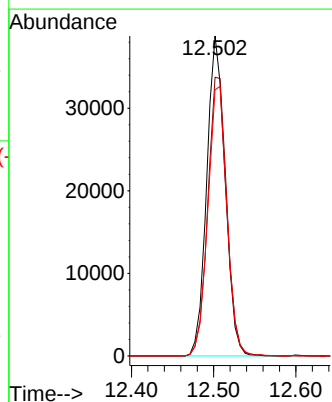
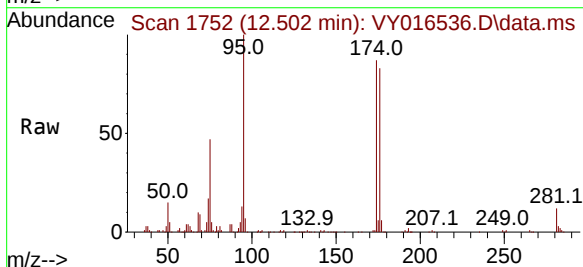
Tgt Ion: 95 Resp: 60076

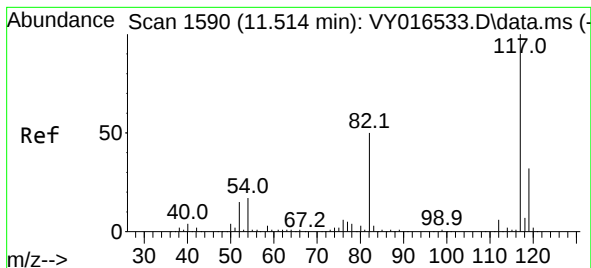
Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 87.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1129SBL01

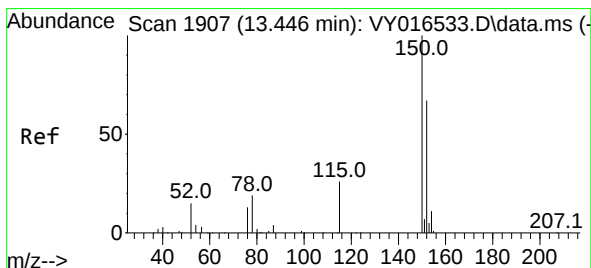
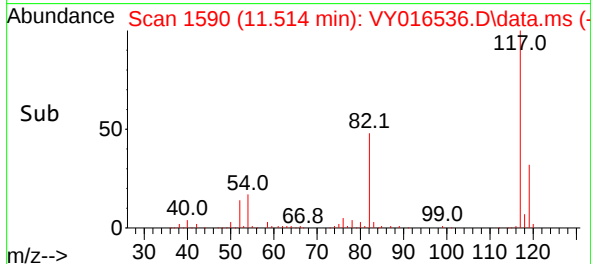
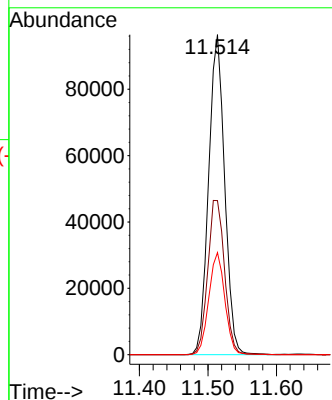
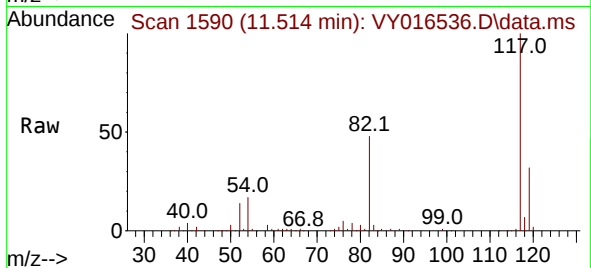
Tgt Ion:117 Resp: 156955

Ion Ratio Lower Upper

117 100

82 48.1 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016536.D

Acq: 29 Nov 2023 14:57

Tgt Ion:152 Resp: 61781

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 156.1 0.0 348.8

