

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016008.D
 Acq On : 17 Oct 2023 16:45
 Operator : SY/MD
 Sample : 04920-01
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B1-COMP-101623

Quant Time: Oct 18 06:09:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	124555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	75541	53.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.280%
35) Dibromofluoromethane	7.728	113	69670	53.304	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.179	98	245524	50.161	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.483	95	83899	48.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.280%

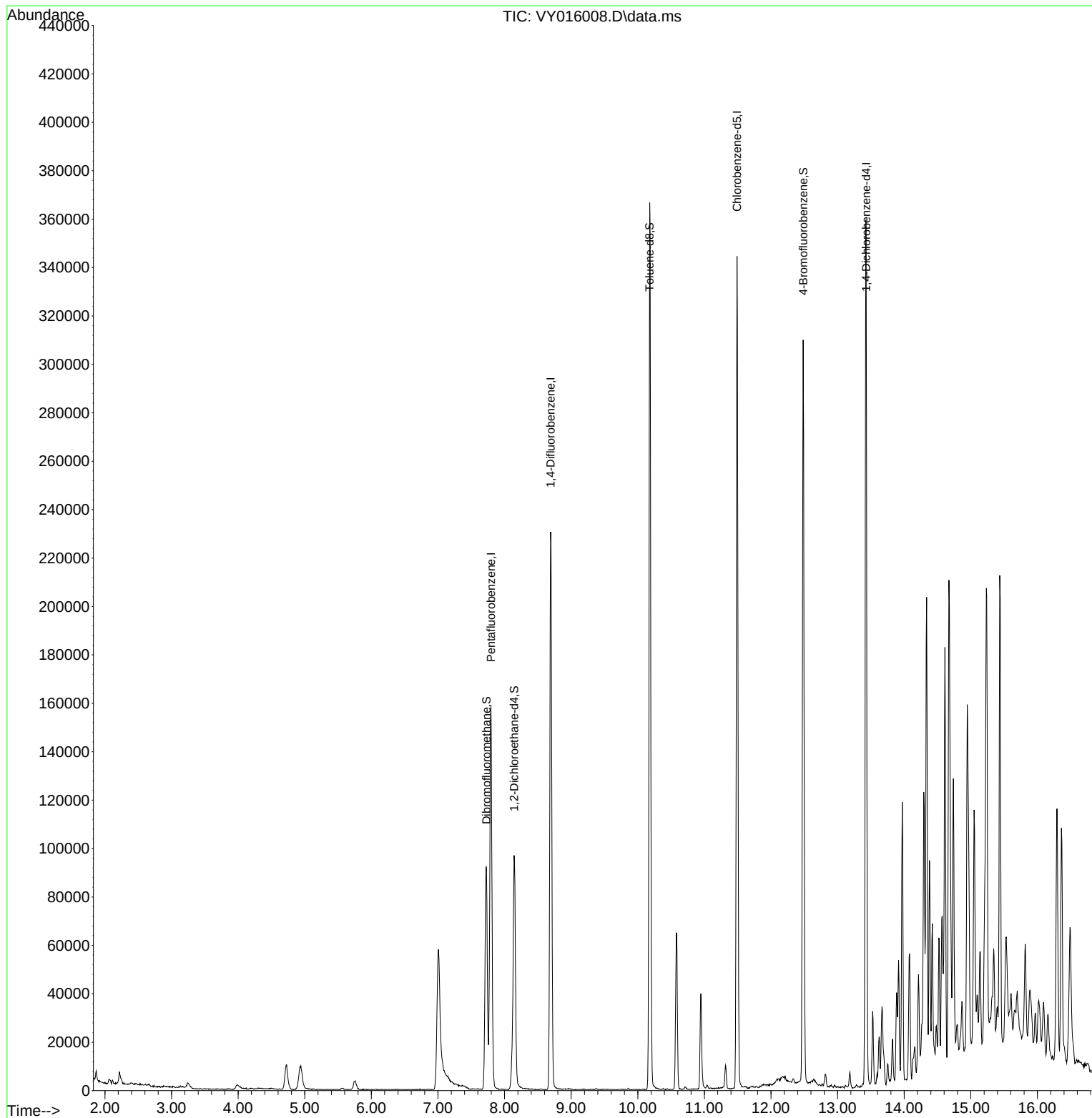
Target Compounds	Qvalue

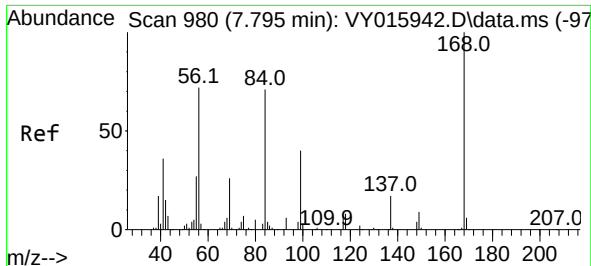
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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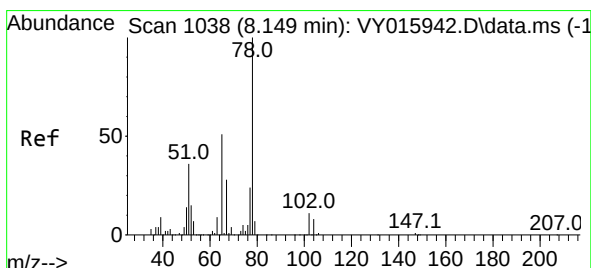
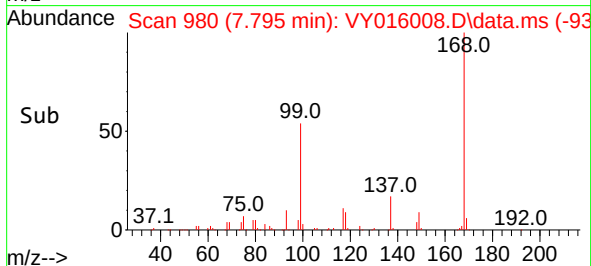
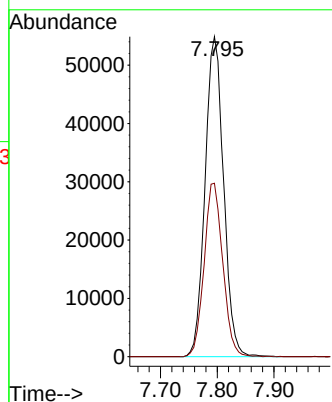
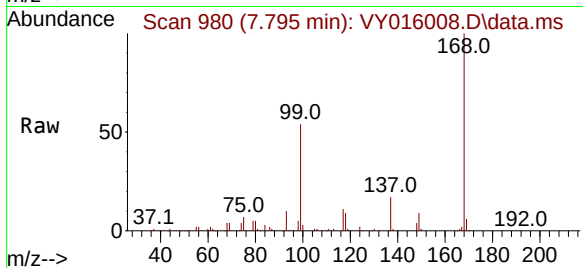




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016008.D
Acq: 17 Oct 2023 16:45

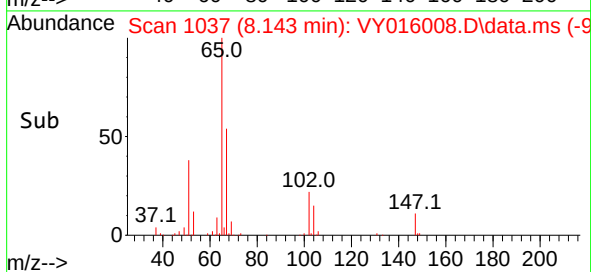
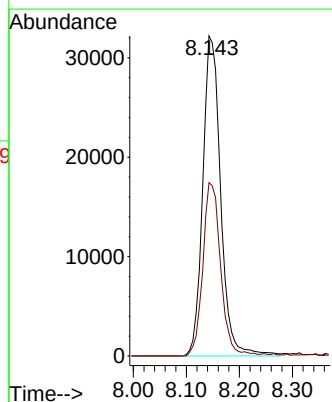
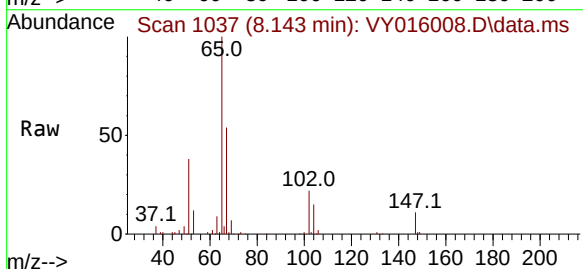
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B1-COMP-101623

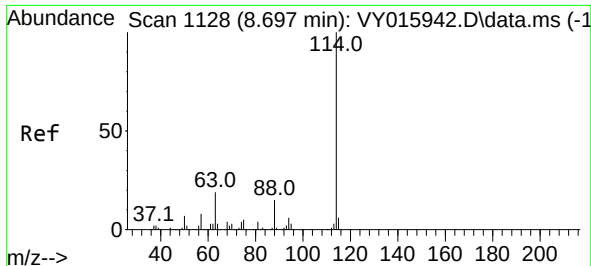
Tgt Ion:168 Resp: 124555
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.141 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY016008.D
Acq: 17 Oct 2023 16:45

Tgt Ion: 65 Resp: 75541
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016008.D

Acq: 17 Oct 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

LSS-B1-COMP-101623

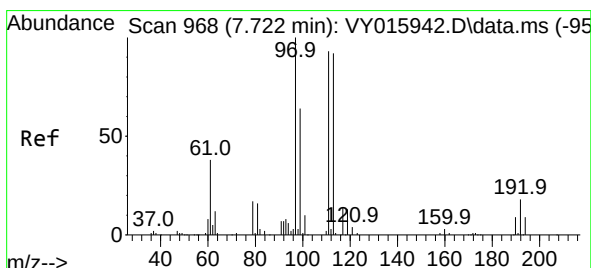
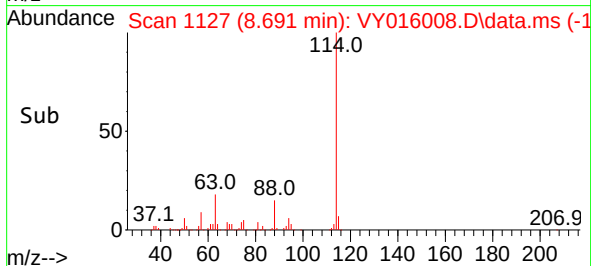
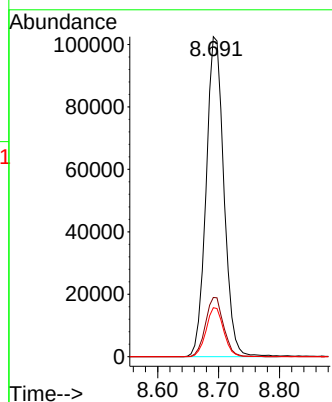
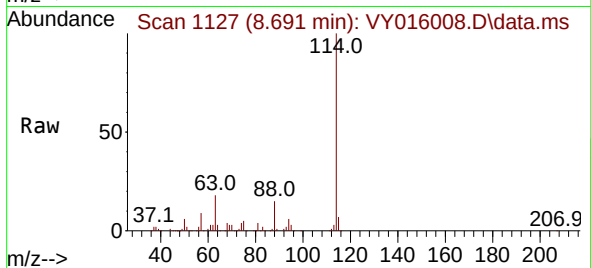
Tgt Ion:114 Resp: 207611

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.304 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY016008.D

Acq: 17 Oct 2023 16:45

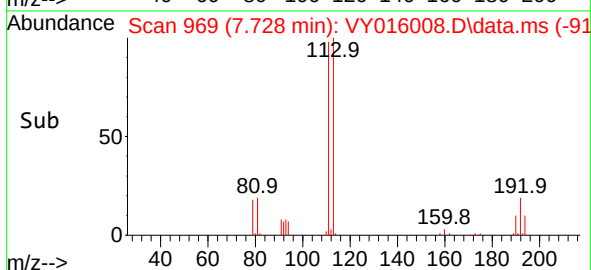
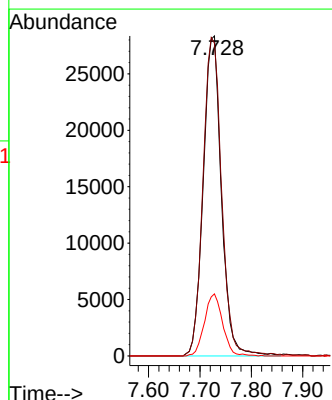
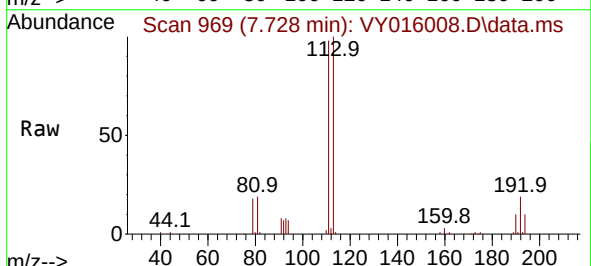
Tgt Ion:113 Resp: 69670

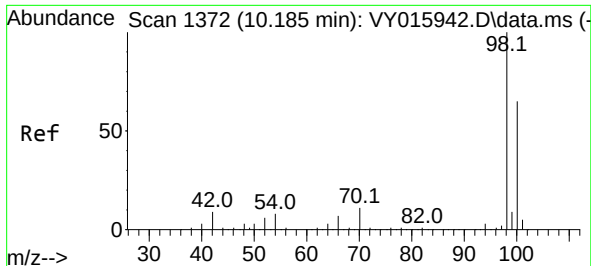
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.4 16.9 25.3

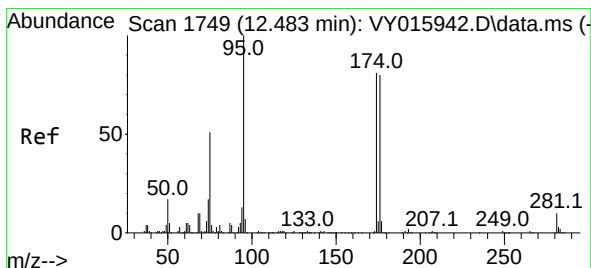
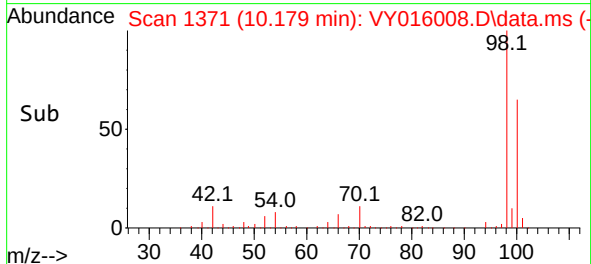
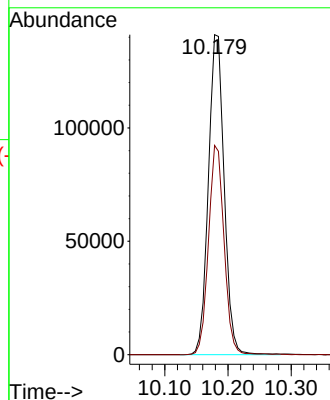
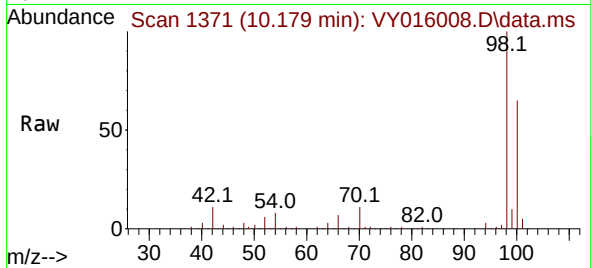




#50
Toluene-d8
Concen: 50.161 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016008.D
Acq: 17 Oct 2023 16:45

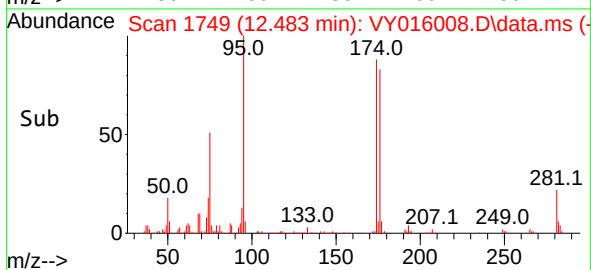
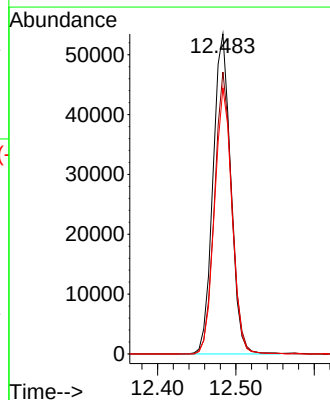
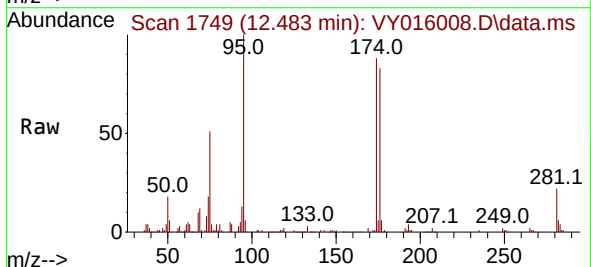
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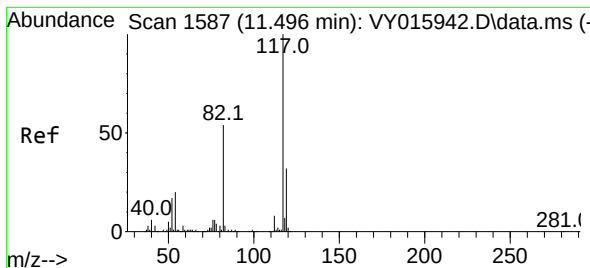
Tgt Ion: 98 Resp: 245524
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016008.D
Acq: 17 Oct 2023 16:45

Tgt Ion: 95 Resp: 83899
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016008.D

Acq: 17 Oct 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

LSS-B1-COMP-101623

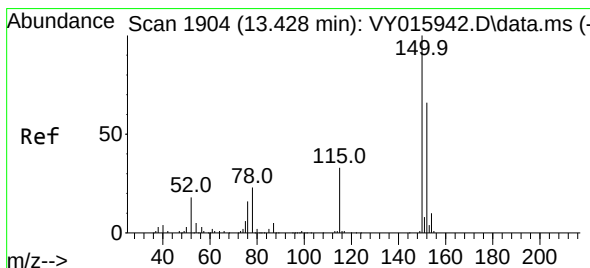
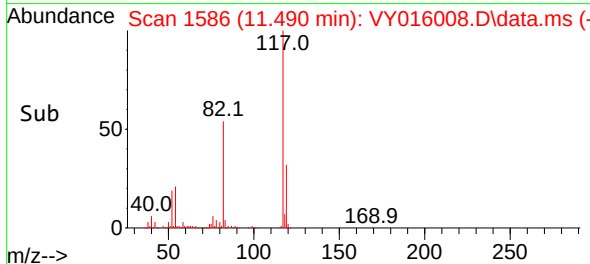
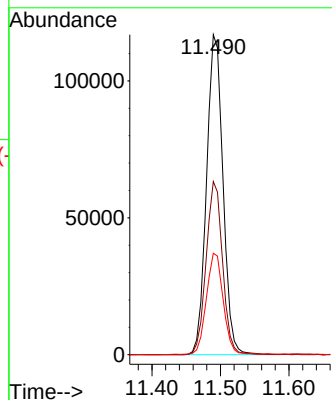
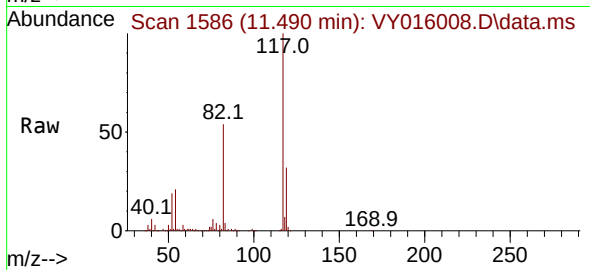
Tgt Ion:117 Resp: 195341

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016008.D

Acq: 17 Oct 2023 16:45

Tgt Ion:152 Resp: 97338

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 154.1 0.0 348.8

