

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012071.D
 Acq On : 04 Jan 2023 15:59
 Operator : KP/MD
 Sample : 01029-04
 Misc : 6.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-204

Quant Time: Jan 05 00:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	326741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148649	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117956	59.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.680%
35) Dibromofluoromethane	7.710	113	106418	50.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.179	98	415770	48.902	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.477	95	134383	46.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.000%

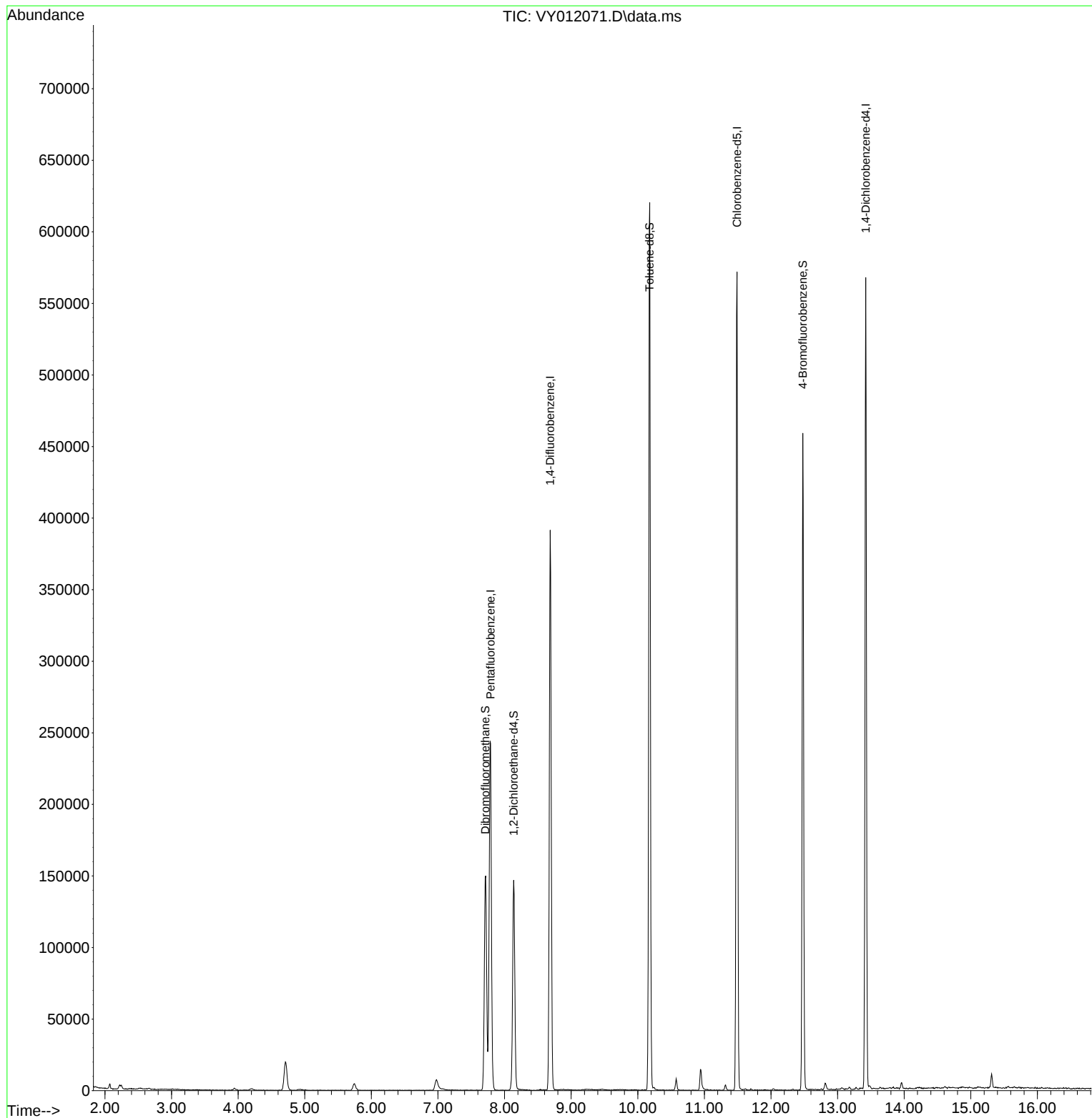
Target Compounds	Qvalue

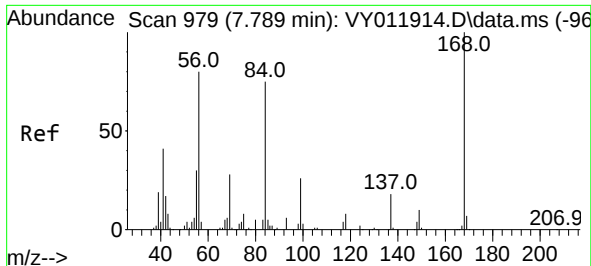
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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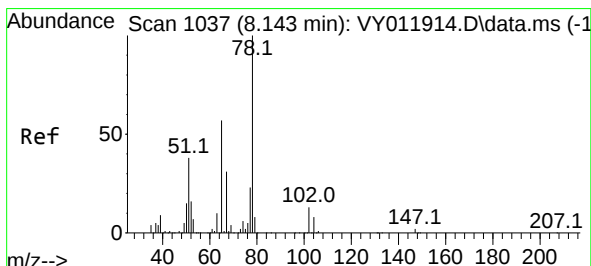
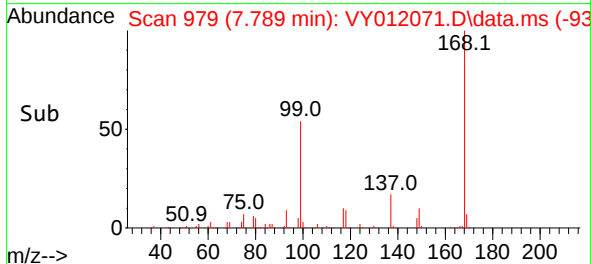
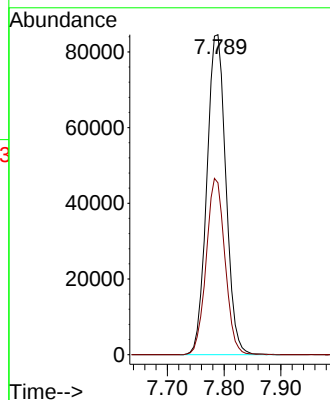
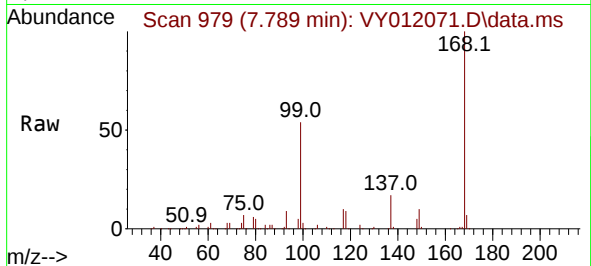




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012071.D
Acq: 04 Jan 2023 15:59

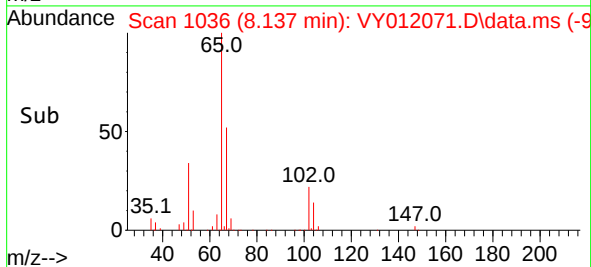
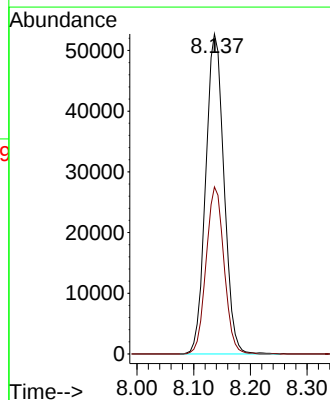
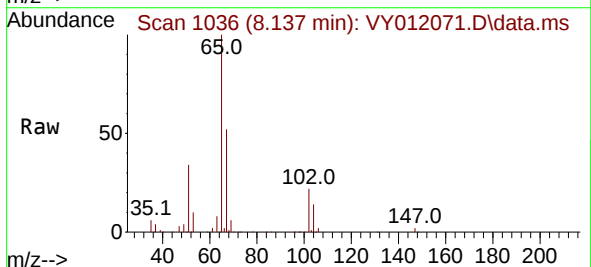
Instrument :
MSVOA_Y
ClientSampleId :
TP-204

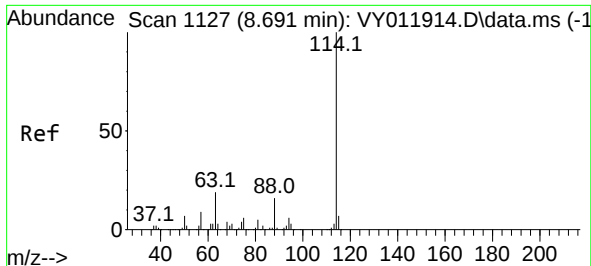
Tgt Ion:168 Resp: 197299
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 59.342 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012071.D
Acq: 04 Jan 2023 15:59

Tgt Ion: 65 Resp: 117956
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012071.D

Acq: 04 Jan 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-204

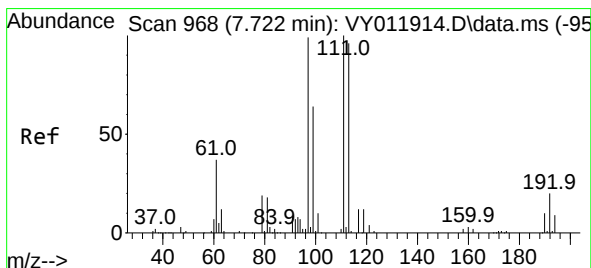
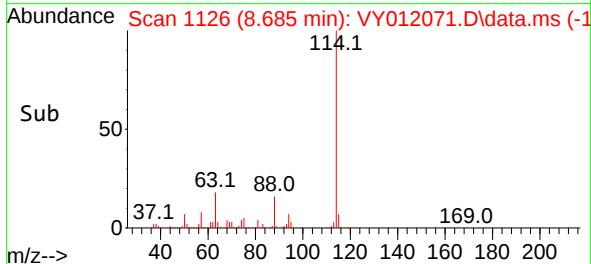
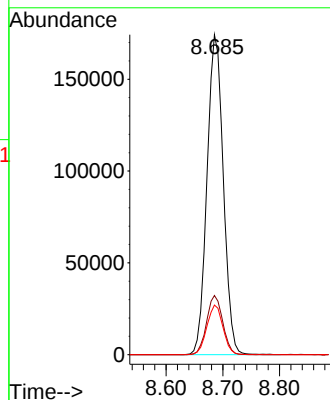
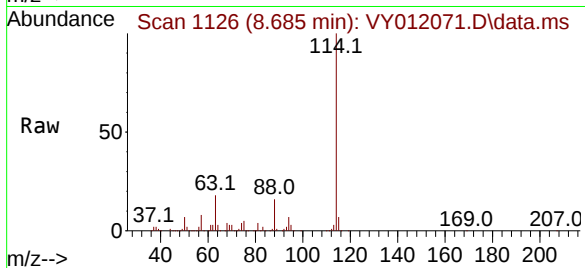
Tgt Ion:114 Resp: 348081

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.783 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012071.D

Acq: 04 Jan 2023 15:59

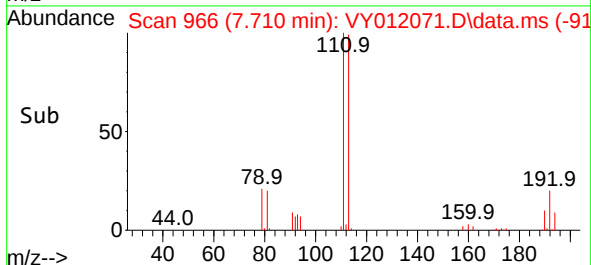
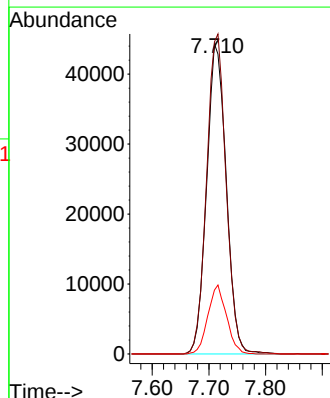
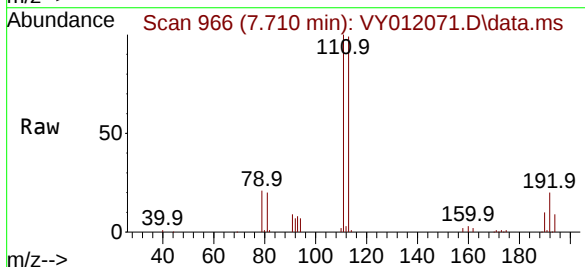
Tgt Ion:113 Resp: 106418

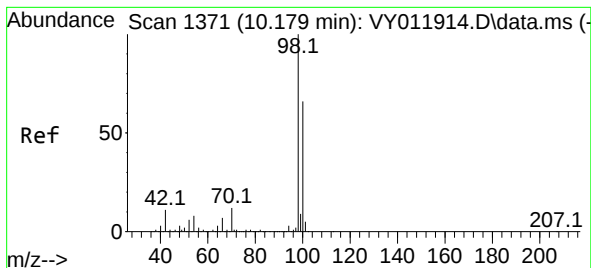
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 21.1 16.0 24.0

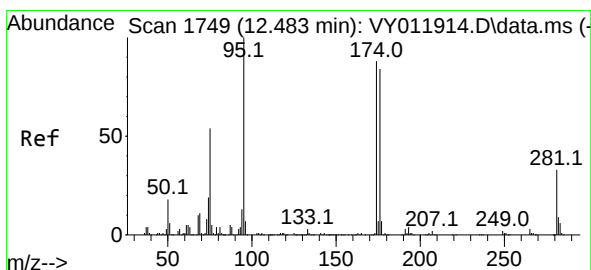
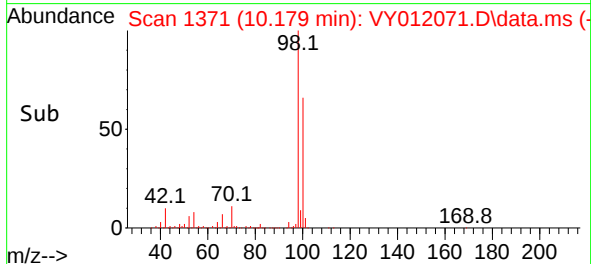
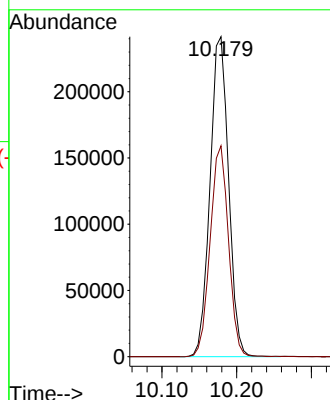
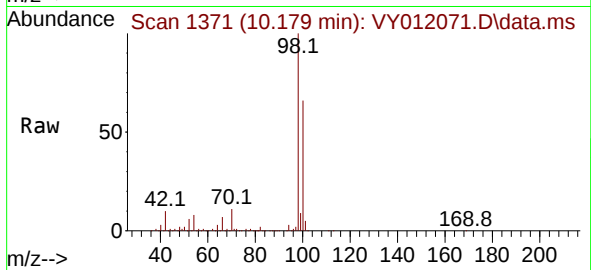




#50
Toluene-d8
Concen: 48.902 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012071.D
Acq: 04 Jan 2023 15:59

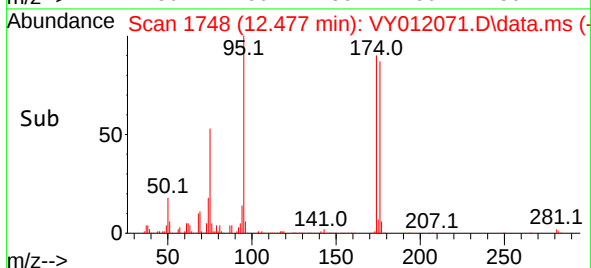
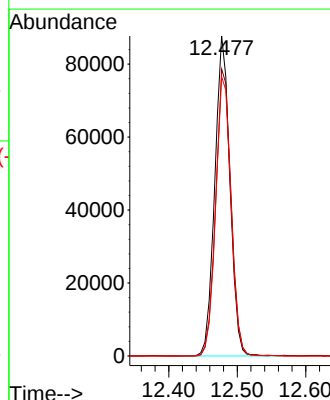
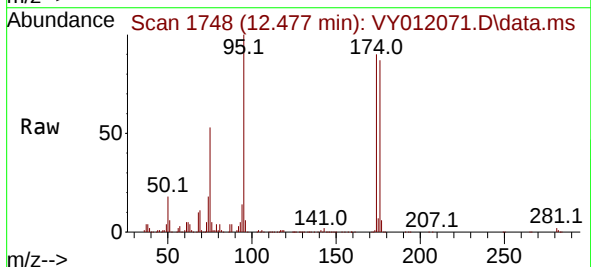
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TP-204

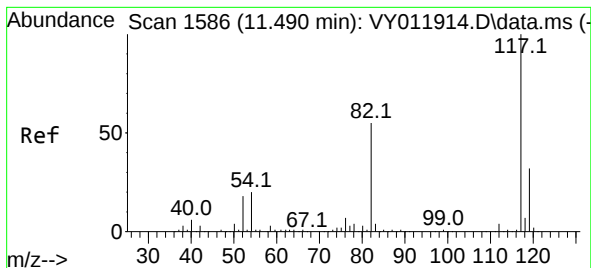
Tgt Ion: 98 Resp: 415770
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.996 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012071.D
Acq: 04 Jan 2023 15:59

Tgt Ion: 95 Resp: 134383
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.0
176 88.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012071.D

Acq: 04 Jan 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-204

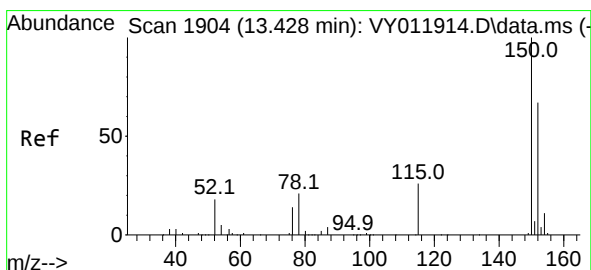
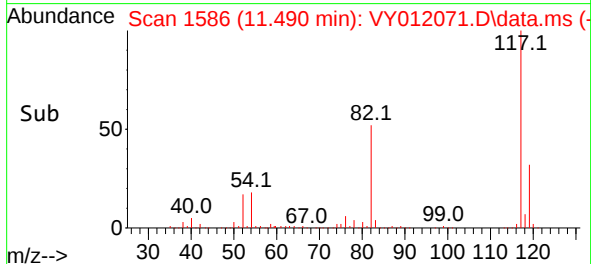
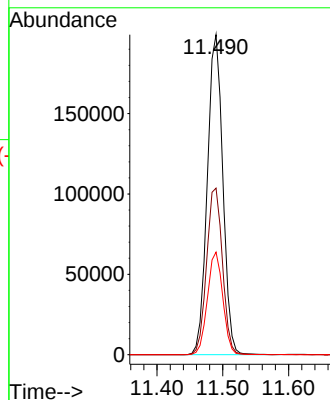
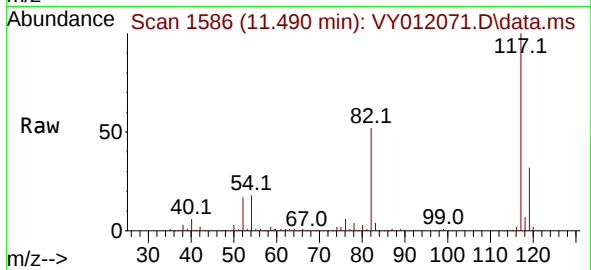
Tgt Ion:117 Resp: 326741

Ion Ratio Lower Upper

117 100

82 52.1 44.8 67.2

119 32.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012071.D

Acq: 04 Jan 2023 15:59

Tgt Ion:152 Resp: 148649

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 157.3 0.0 342.6

