

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010736.D
 Acq On : 29 Sep 2022 17:07
 Operator : KP/MD
 Sample : N4898-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONRY-PILE-11

Quant Time: Sep 30 08:23:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	250912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	373958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184183	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130324	54.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.600%
35) Dibromofluoromethane	7.710	113	15476	5.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.780%#
50) Toluene-d8	10.179	98	443068	45.901	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.477	95	163149	45.001	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.000%

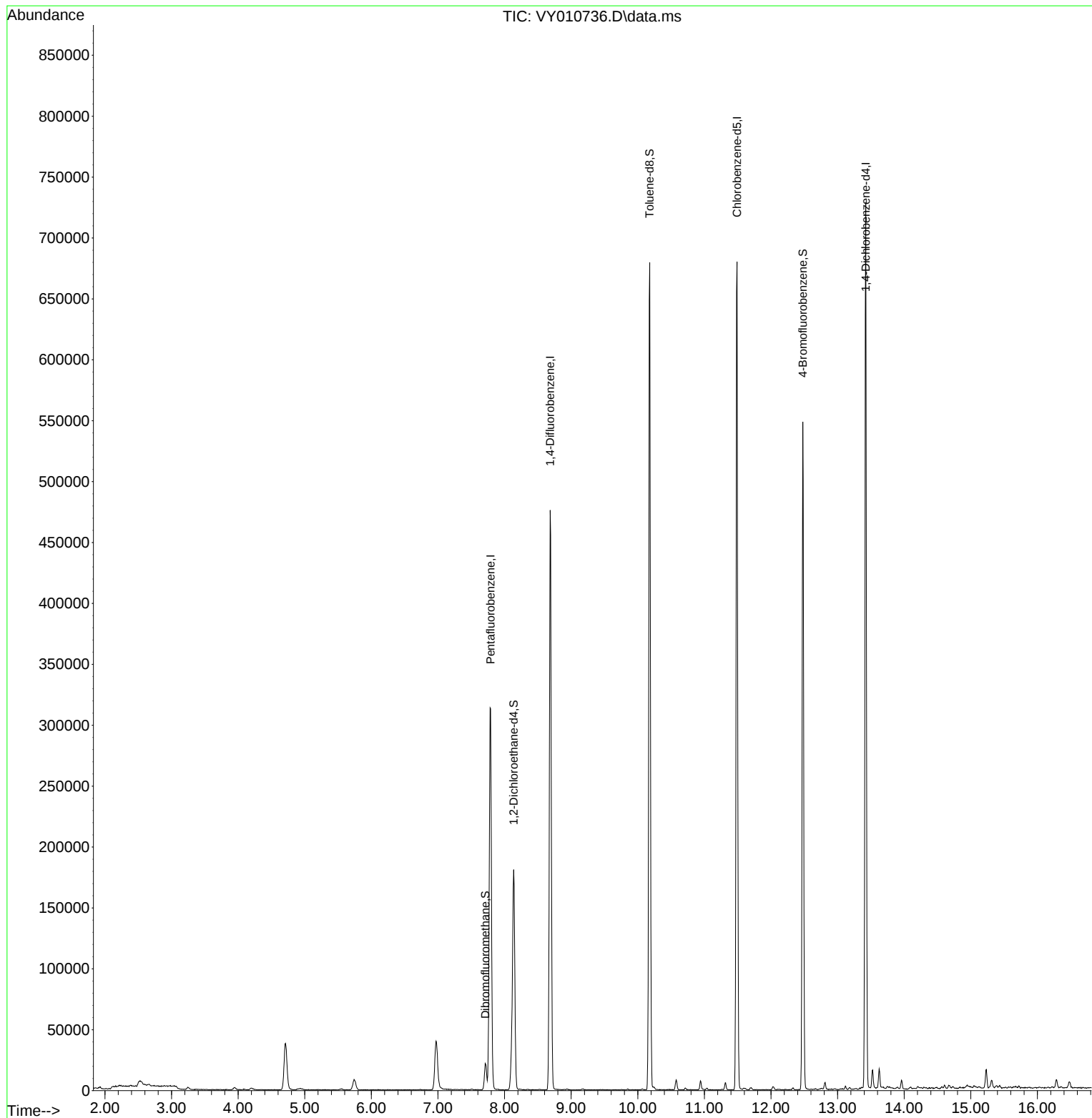
Target Compounds	Qvalue

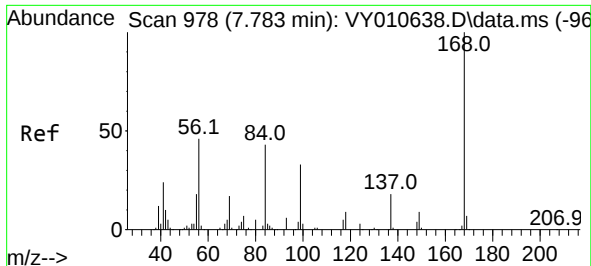
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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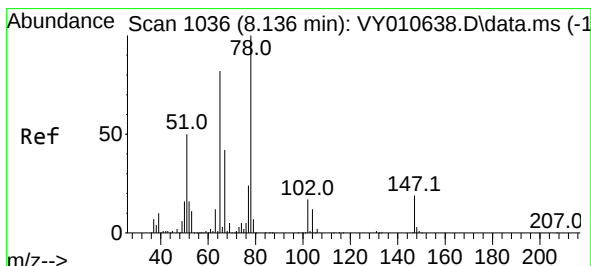
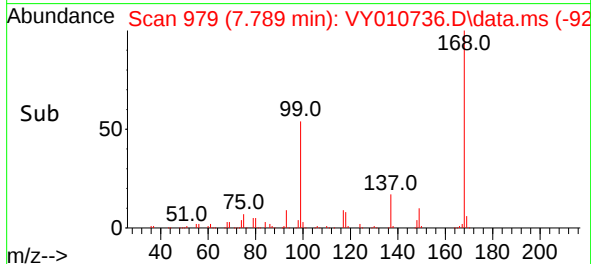
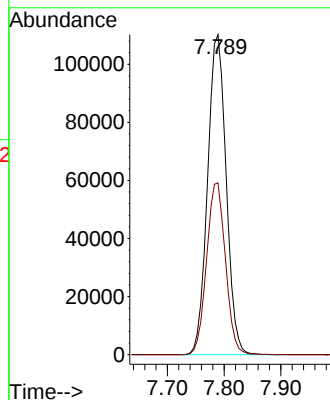
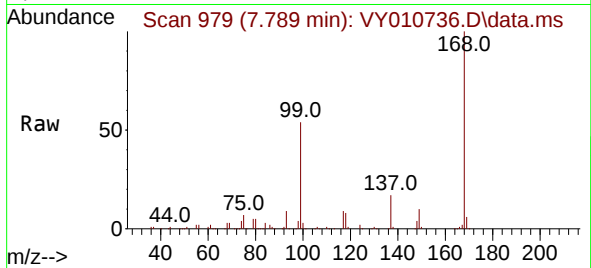




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010736.D
Acq: 29 Sep 2022 17:07

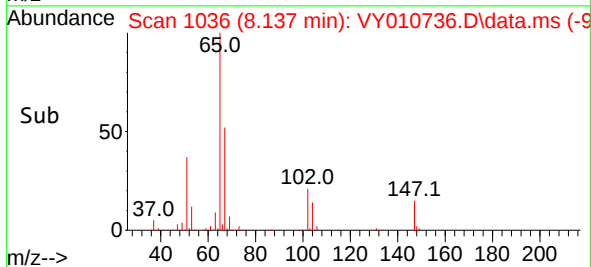
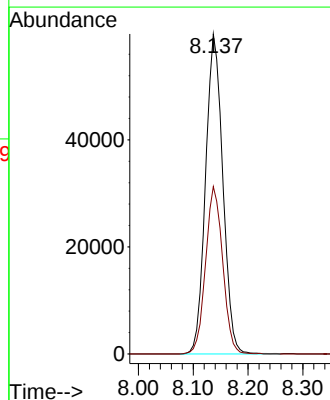
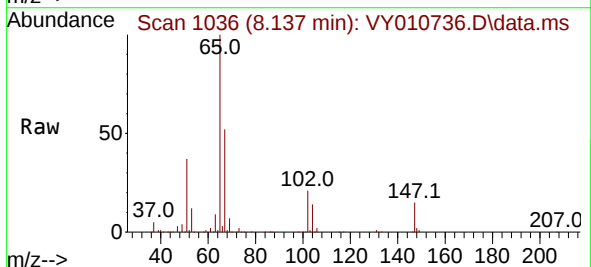
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-11

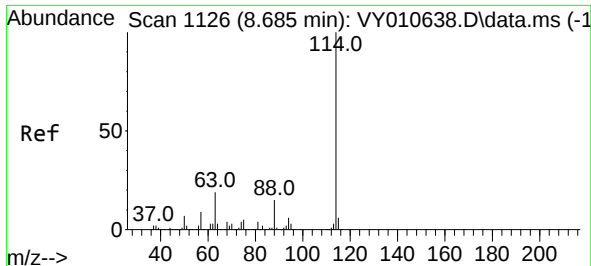
Tgt Ion:168 Resp: 250912
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.304 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010736.D
Acq: 29 Sep 2022 17:07

Tgt Ion: 65 Resp: 130324
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010736.D

Acq: 29 Sep 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONRY-PILE-11

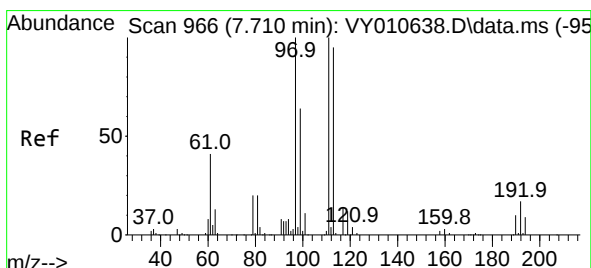
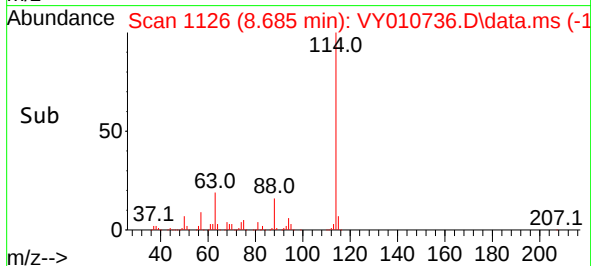
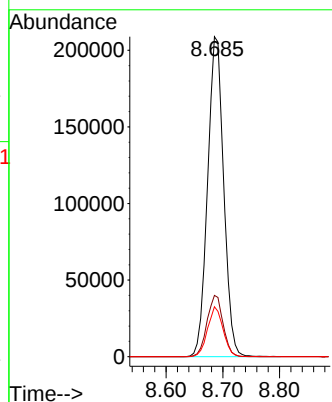
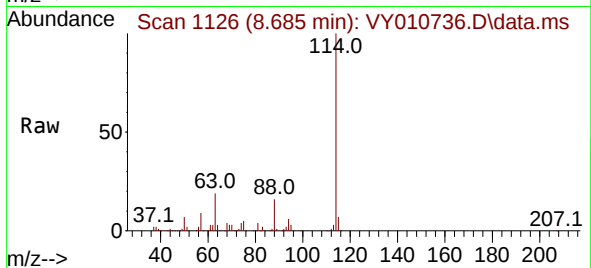
Tgt Ion:114 Resp: 411699

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 5.890 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010736.D

Acq: 29 Sep 2022 17:07

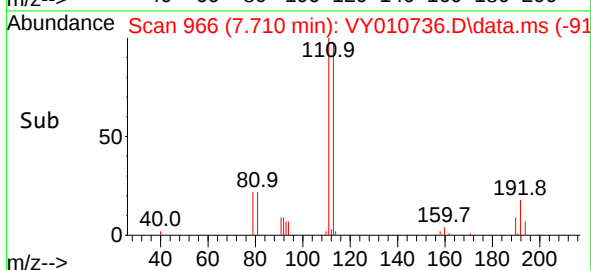
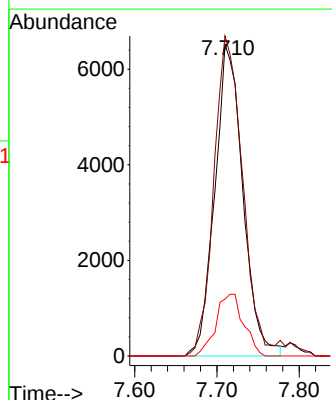
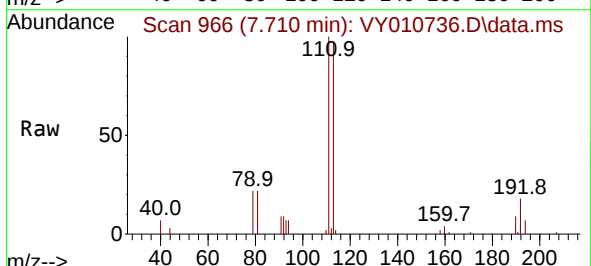
Tgt Ion:113 Resp: 15476

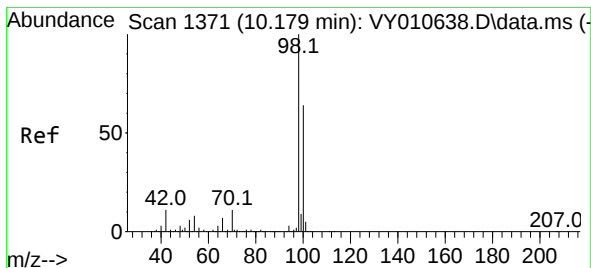
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 19.5 17.6 26.4

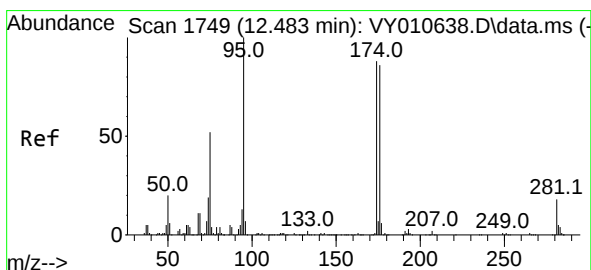
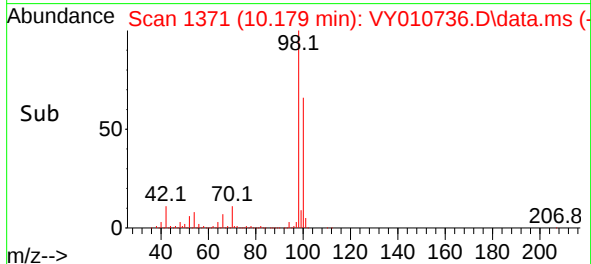
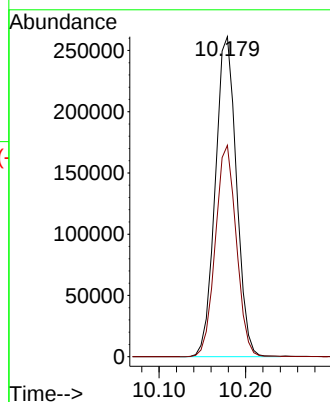
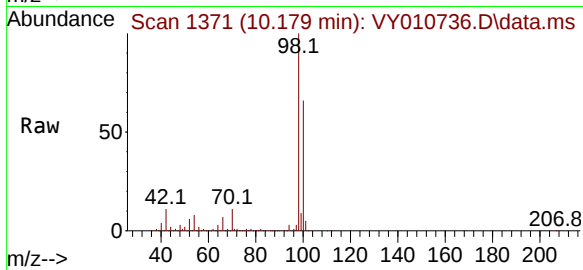




#50
Toluene-d8
Concen: 45.901 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010736.D
Acq: 29 Sep 2022 17:07

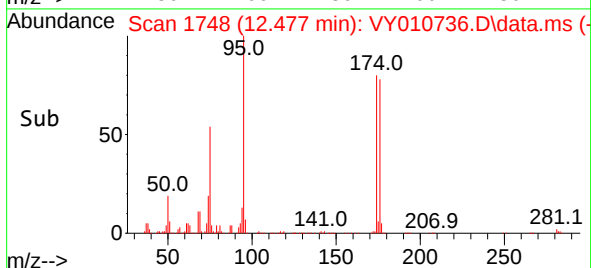
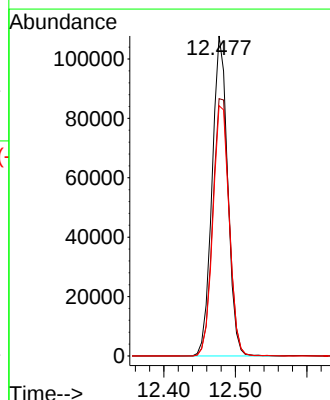
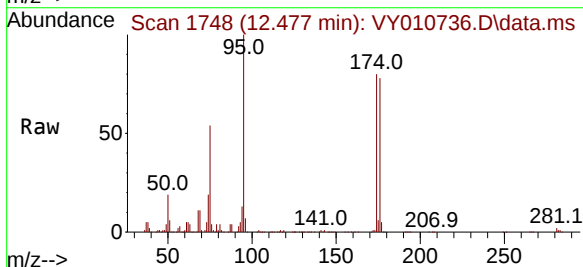
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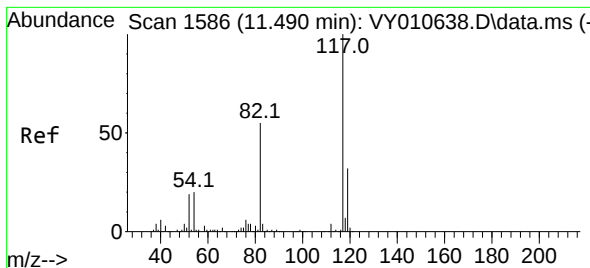
Tgt Ion: 98 Resp: 443068
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.001 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010736.D
Acq: 29 Sep 2022 17:07

Tgt Ion: 95 Resp: 163149
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010736.D

Acq: 29 Sep 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONRY-PILE-11

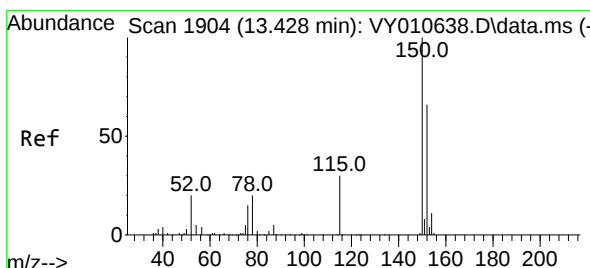
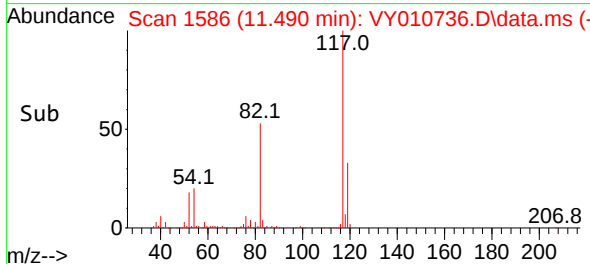
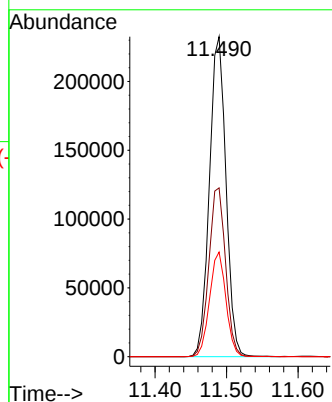
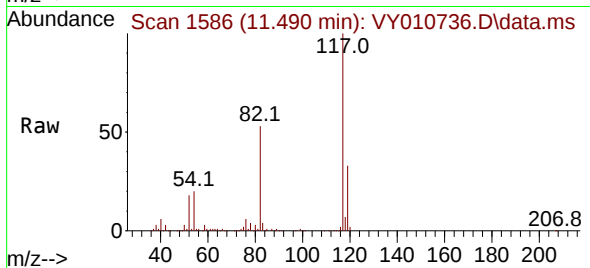
Tgt Ion:117 Resp: 373958

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 32.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010736.D

Acq: 29 Sep 2022 17:07

Tgt Ion:152 Resp: 184183

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 156.2 0.0 347.6

