

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010737.D
 Acq On : 29 Sep 2022 17:30
 Operator : KP/MD
 Sample : N4897-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRUSHED-MASONRY-PILE-10

Quant Time: Sep 30 08:23:52 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	250258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	416942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130225	54.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.800%	
35) Dibromofluoromethane	7.716	113	65437	24.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 49.180%#	
50) Toluene-d8	10.179	98	443863	45.438	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.880%	
62) 4-Bromofluorobenzene	12.477	95	170820	46.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.240%	

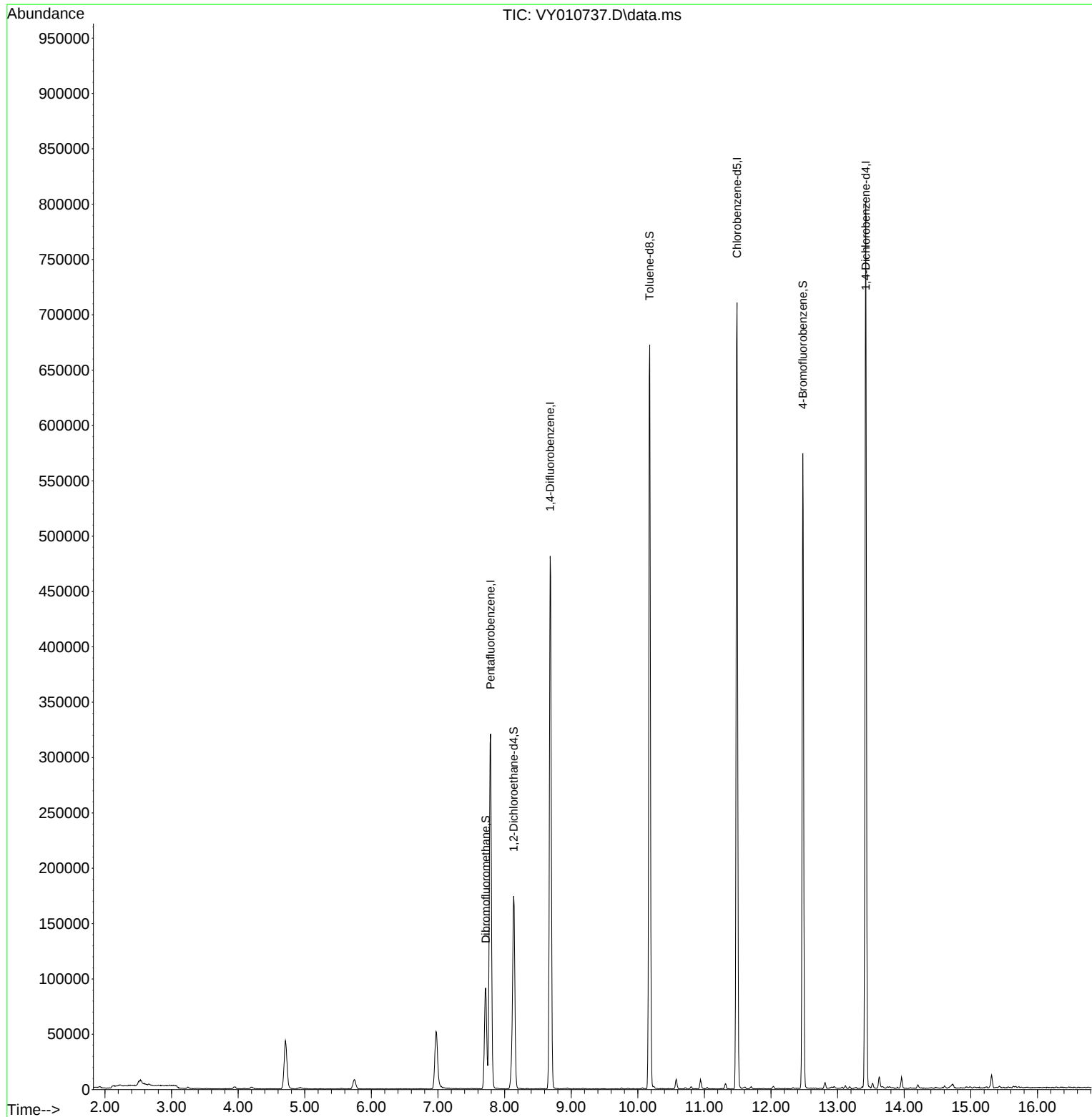
Target Compounds	Qvalue

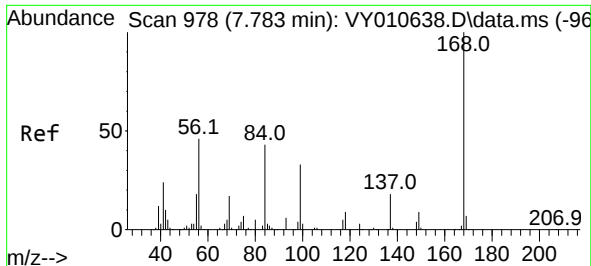
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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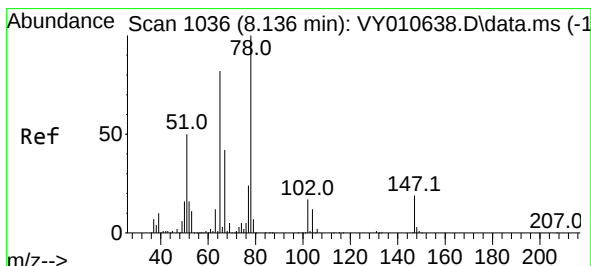
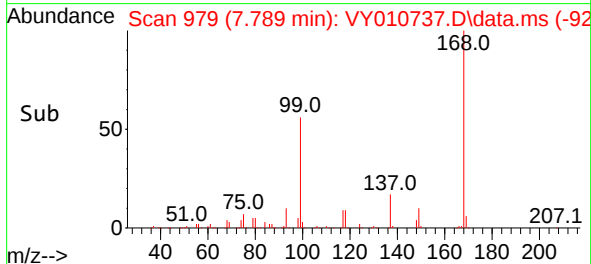
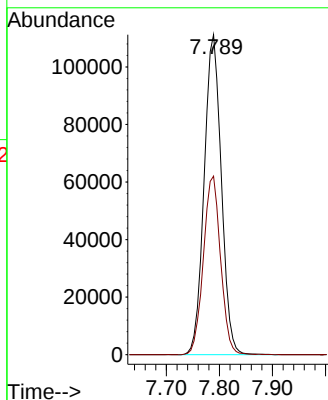
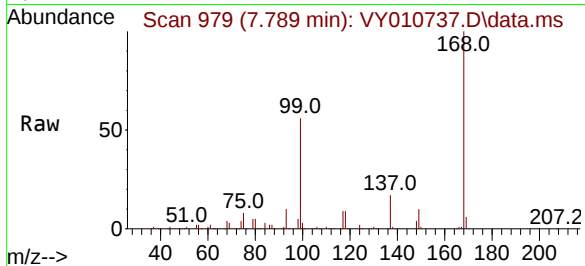




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

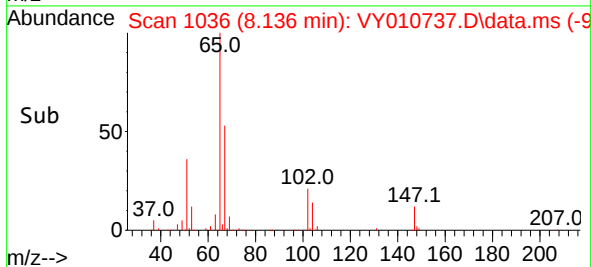
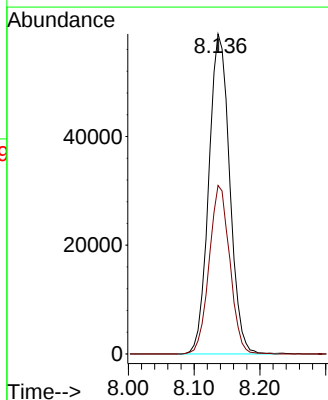
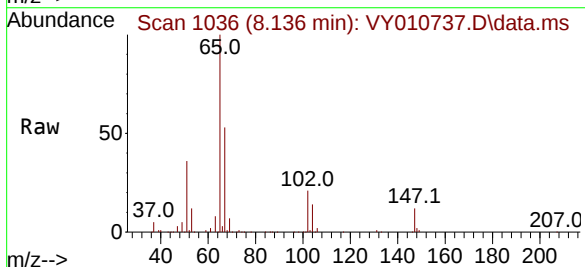
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10

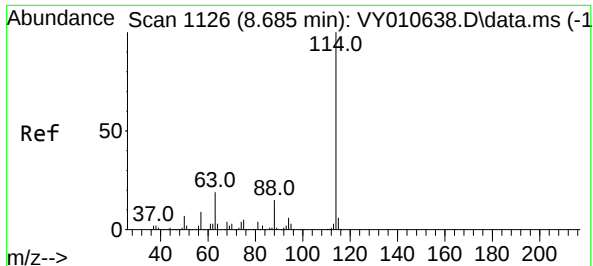
Tgt Ion:168 Resp: 250258
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.404 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 65 Resp: 130225
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4

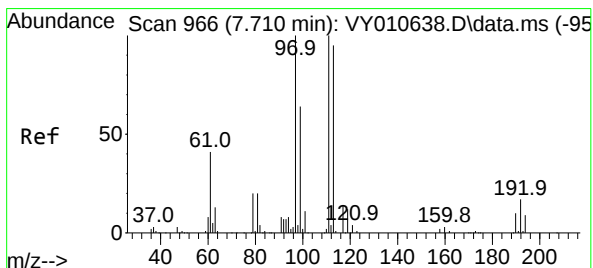
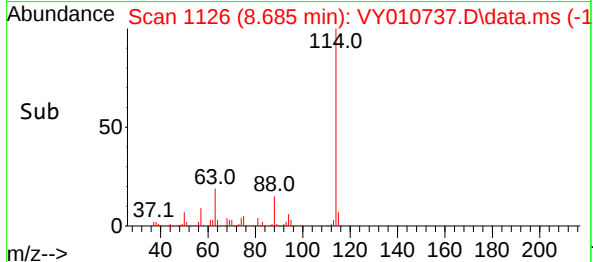
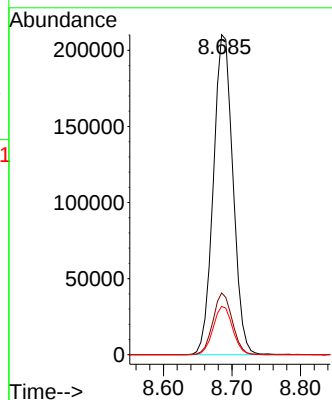
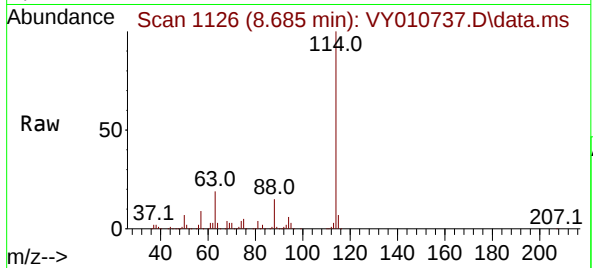




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

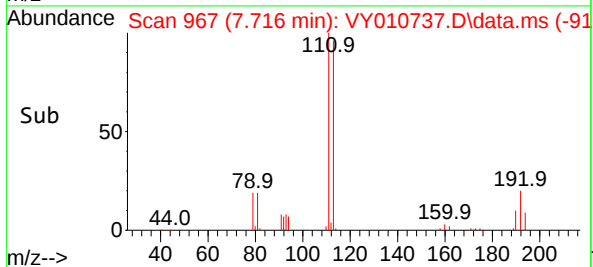
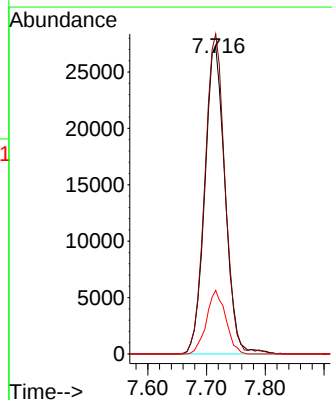
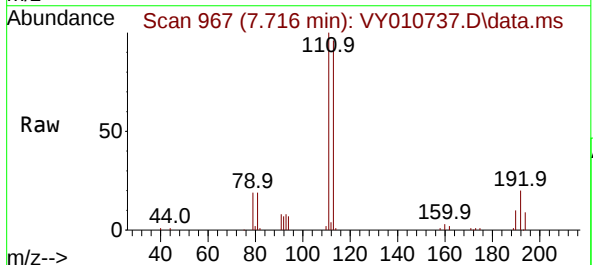
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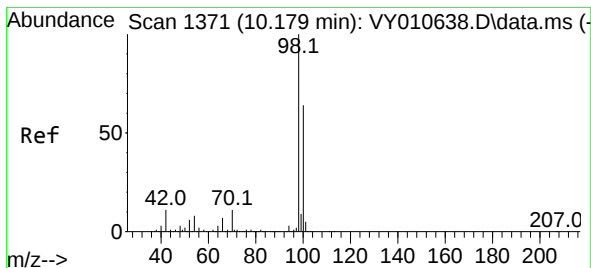
Tgt Ion:114 Resp: 416942
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 24.592 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion:113 Resp: 65437
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.6 17.6 26.4

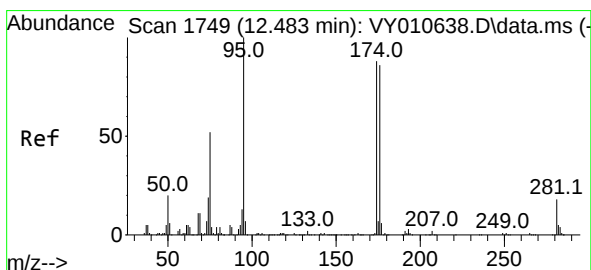
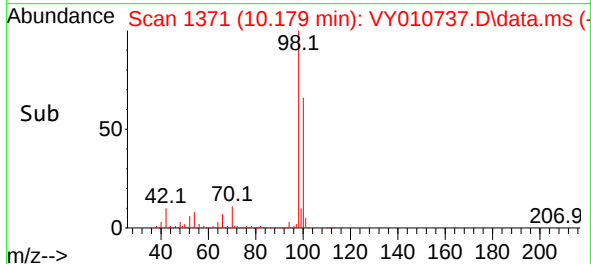
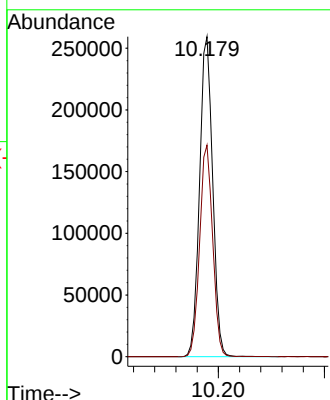
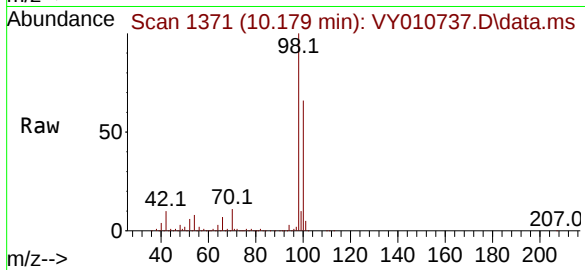




#50
Toluene-d8
Concen: 45.438 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

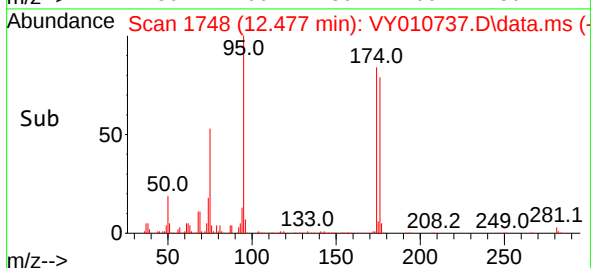
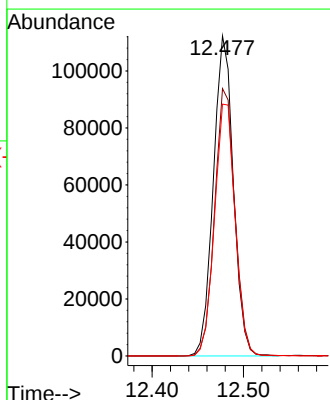
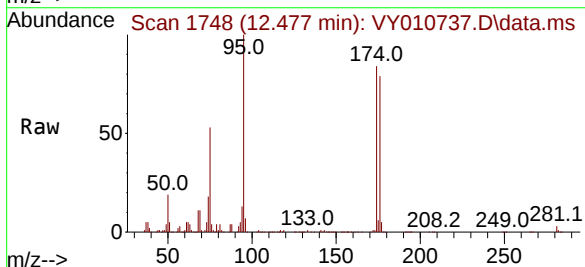
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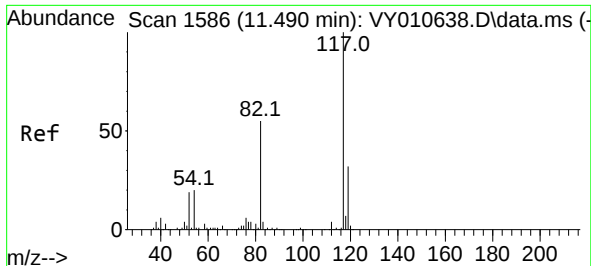
Tgt Ion: 98 Resp: 443863
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.621 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010737.D
Acq: 29 Sep 2022 17:30

Tgt Ion: 95 Resp: 170820
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010737.D

Acq: 29 Sep 2022 17:30

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONRY-PILE-10

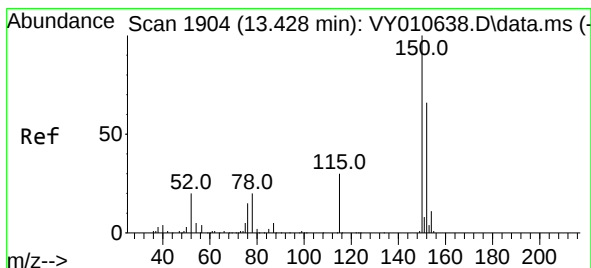
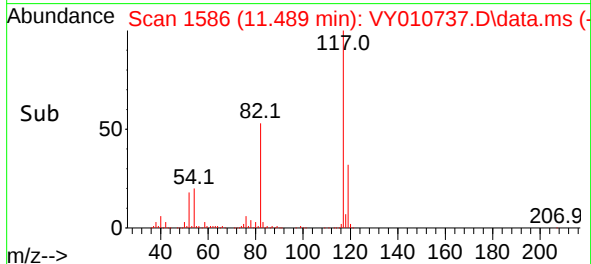
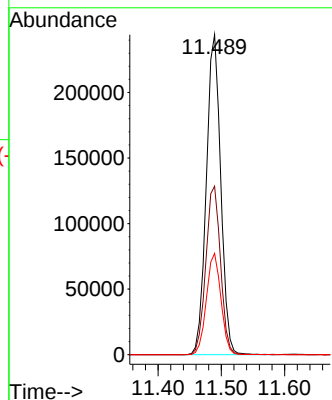
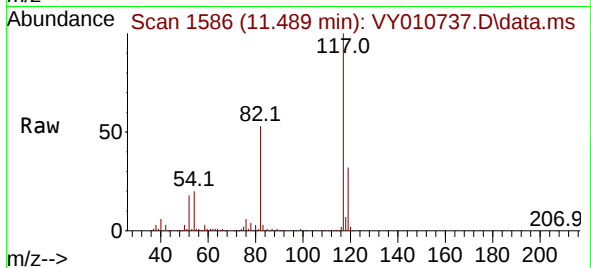
Tgt Ion:117 Resp: 387169

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.4

119 31.7 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: VY010737.D

Acq: 29 Sep 2022 17:30

Tgt Ion:152 Resp: 198522

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 157.1 0.0 347.6

