

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010754.D
 Acq On : 30 Sep 2022 17:01
 Operator : KP/MD
 Sample : N4897-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 01 06:19:13 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	244135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	406147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133127	57.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.020%
35) Dibromofluoromethane	7.715	113	9401	3.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	7.260%#
50) Toluene-d8	10.178	98	455544	47.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.477	95	171741	48.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.420%

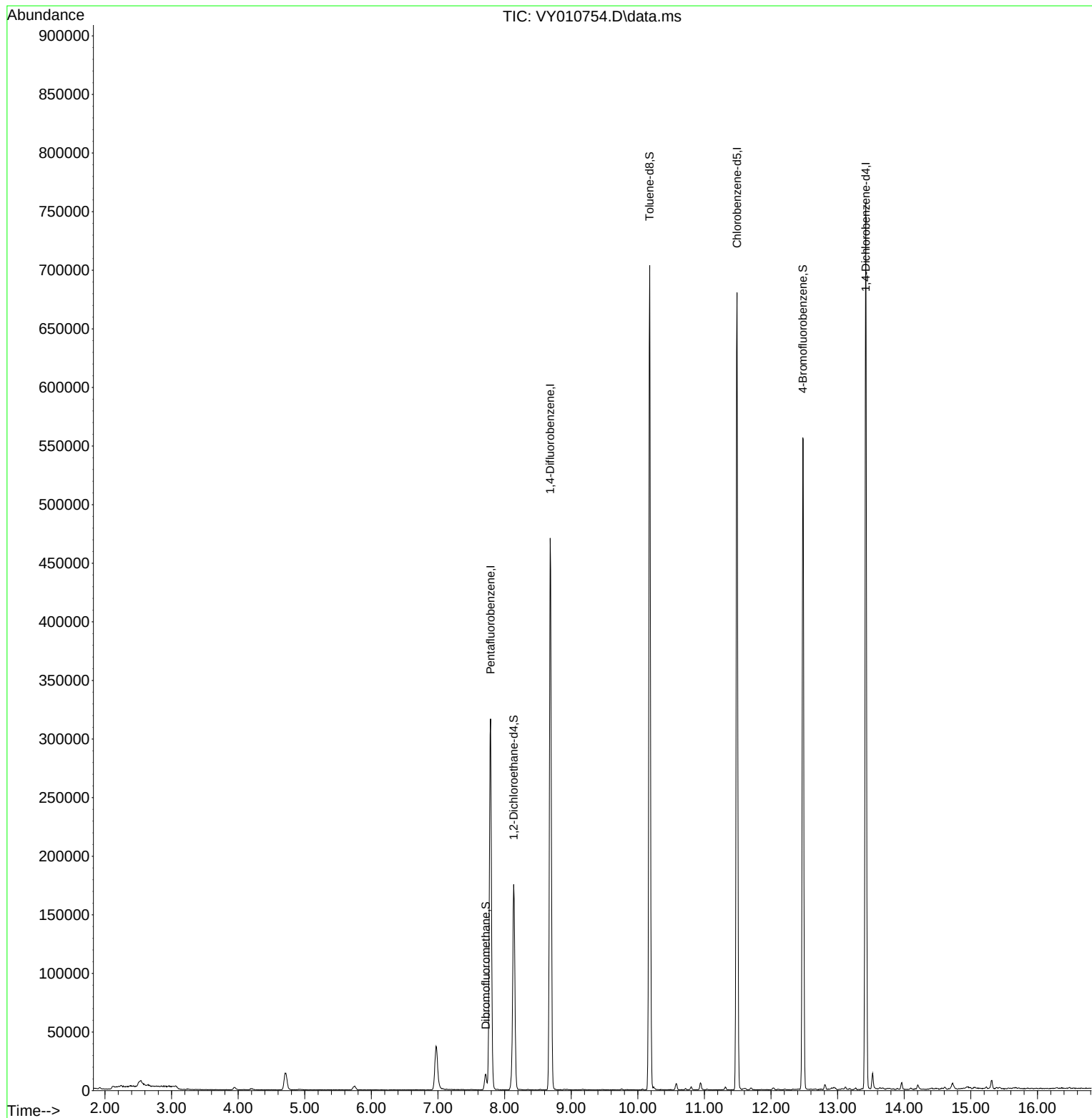
Target Compounds	Qvalue

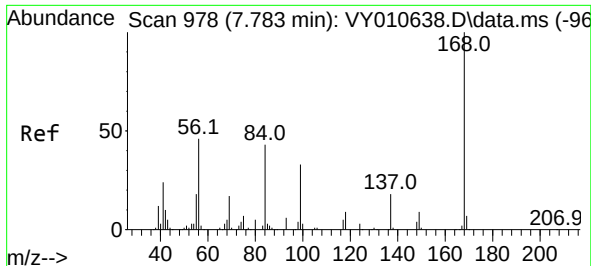
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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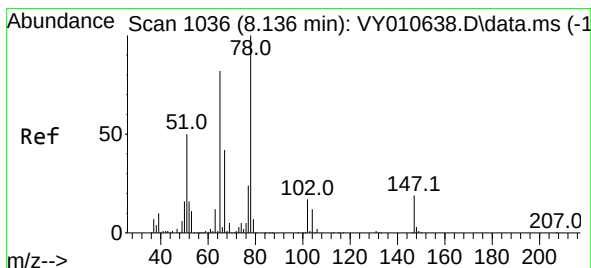
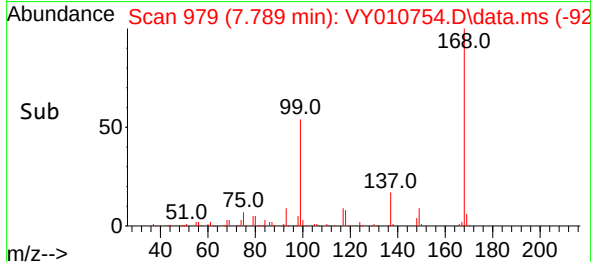
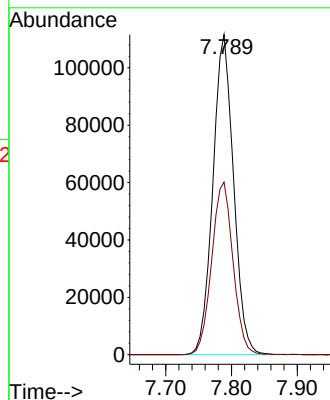
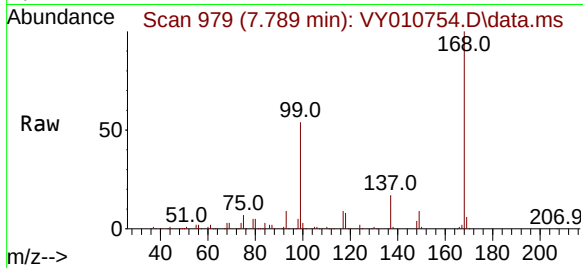




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010754.D
Acq: 30 Sep 2022 17:01

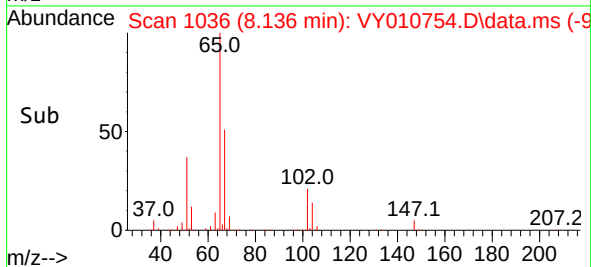
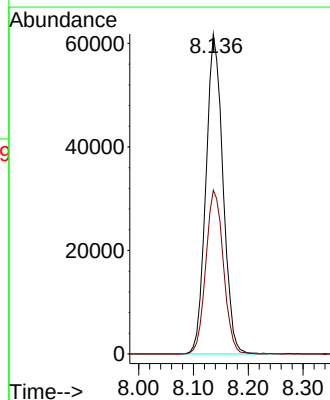
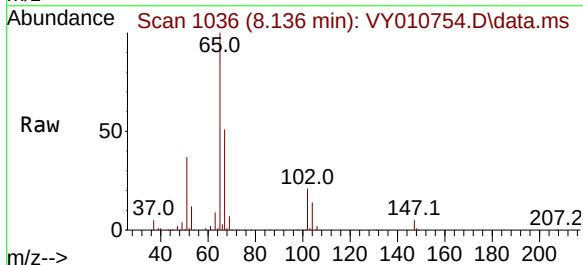
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-10RE

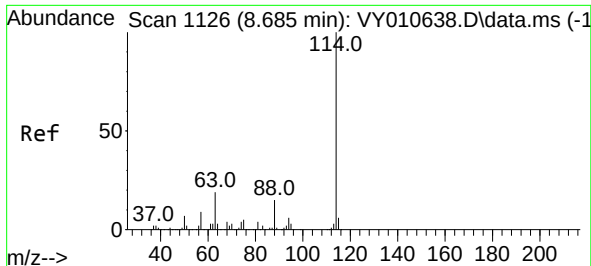
Tgt Ion:168 Resp: 244135
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.011 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010754.D
Acq: 30 Sep 2022 17:01

Tgt Ion: 65 Resp: 133127
Ion Ratio Lower Upper
65 100
67 52.7 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: VY010754.D

Acq: 30 Sep 2022 17:01

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONRY-PILE-10RE

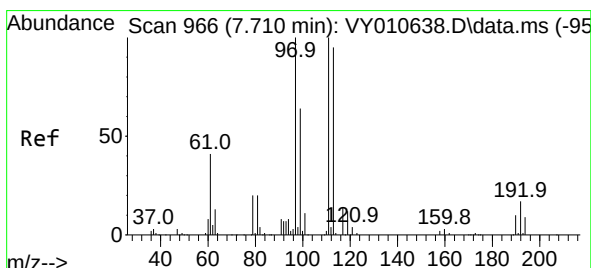
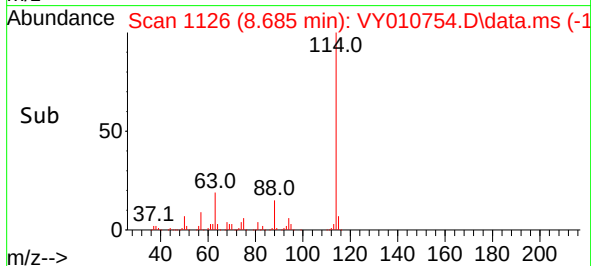
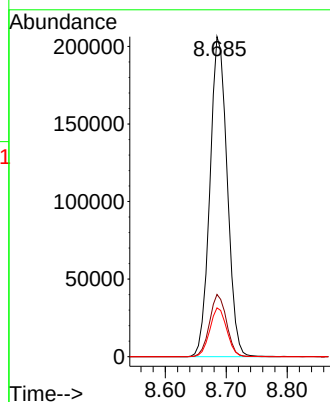
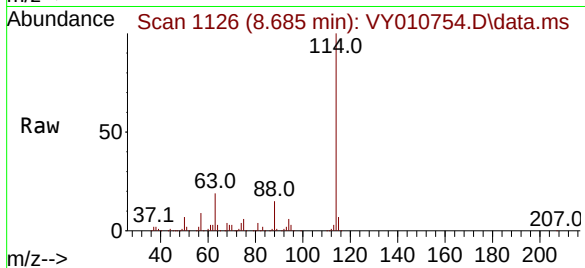
Tgt Ion:114 Resp: 406147

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 3.627 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010754.D

Acq: 30 Sep 2022 17:01

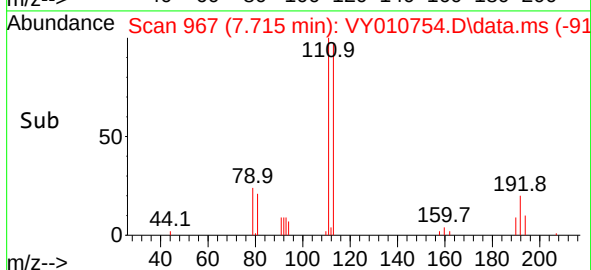
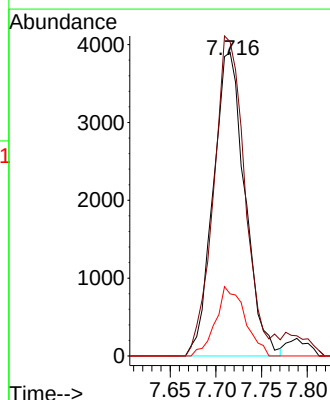
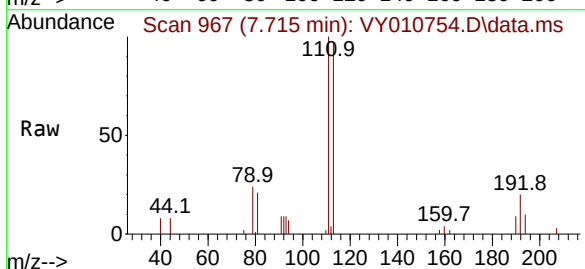
Tgt Ion:113 Resp: 9401

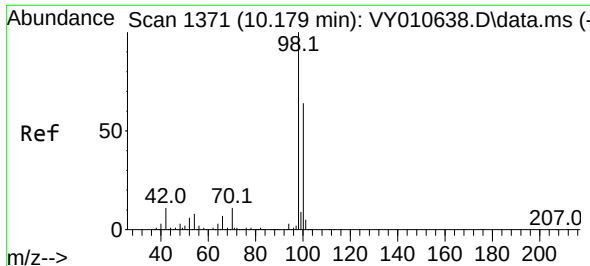
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 21.1 17.6 26.4

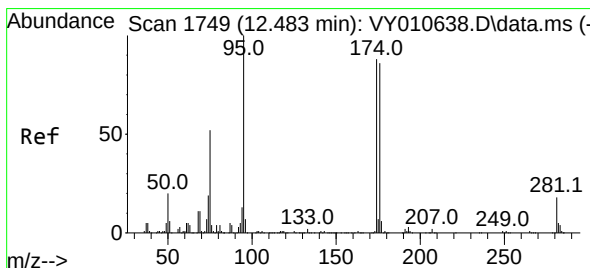
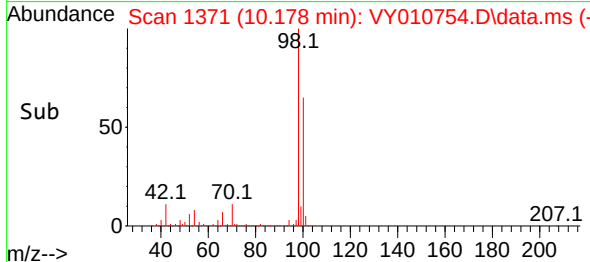
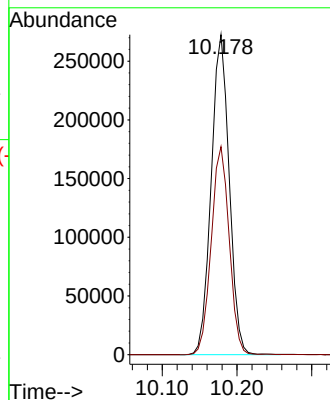
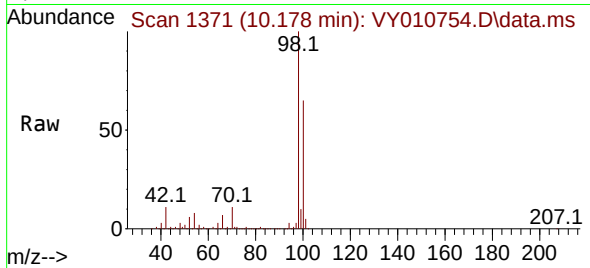




#50
Toluene-d8
Concen: 47.706 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010754.D
Acq: 30 Sep 2022 17:01

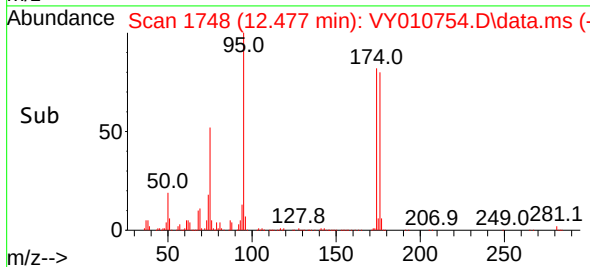
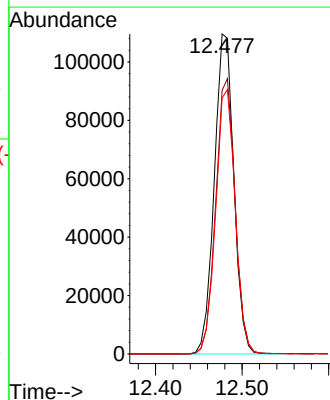
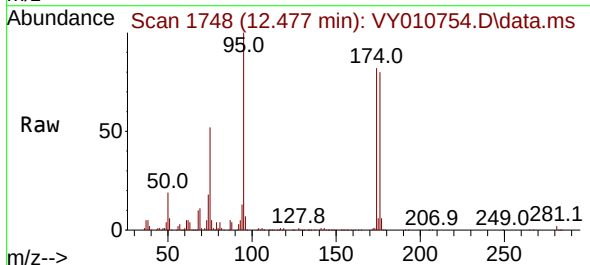
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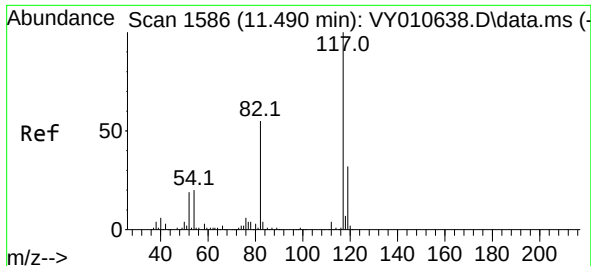
Tgt Ion: 98 Resp: 455544
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010754.D
Acq: 30 Sep 2022 17:01

Tgt Ion: 95 Resp: 171741
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.4 0.0 175.8

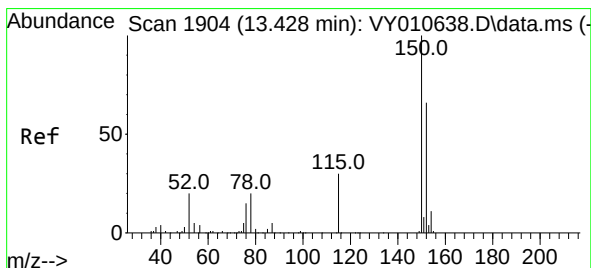
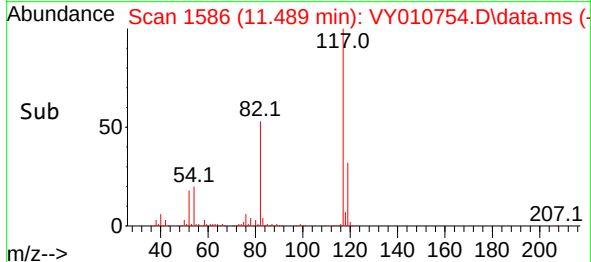
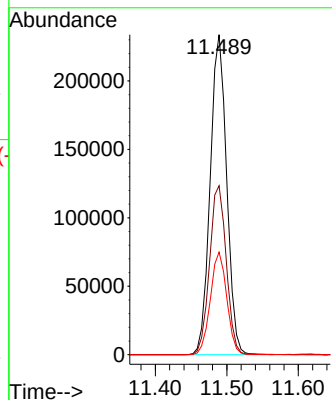
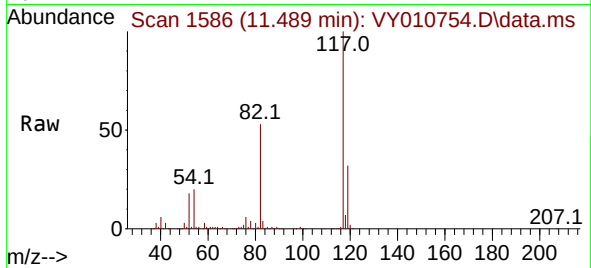




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010754.D
Acq: 30 Sep 2022 17:01

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

Tgt Ion:117 Resp: 373876
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.1 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: VY010754.D
Acq: 30 Sep 2022 17:01

Tgt Ion:152 Resp: 190318
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 157.1 0.0 347.6

