

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010753.D
 Acq On : 30 Sep 2022 16:38
 Operator : KP/MD
 Sample : N4898-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 01 06:19:02 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	220441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119516	56.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.360%
35) Dibromofluoromethane	7.709	113	5781	2.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	4.940%#
50) Toluene-d8	10.179	98	396418	46.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.100%
62) 4-Bromofluorobenzene	12.477	95	140812	43.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.940%

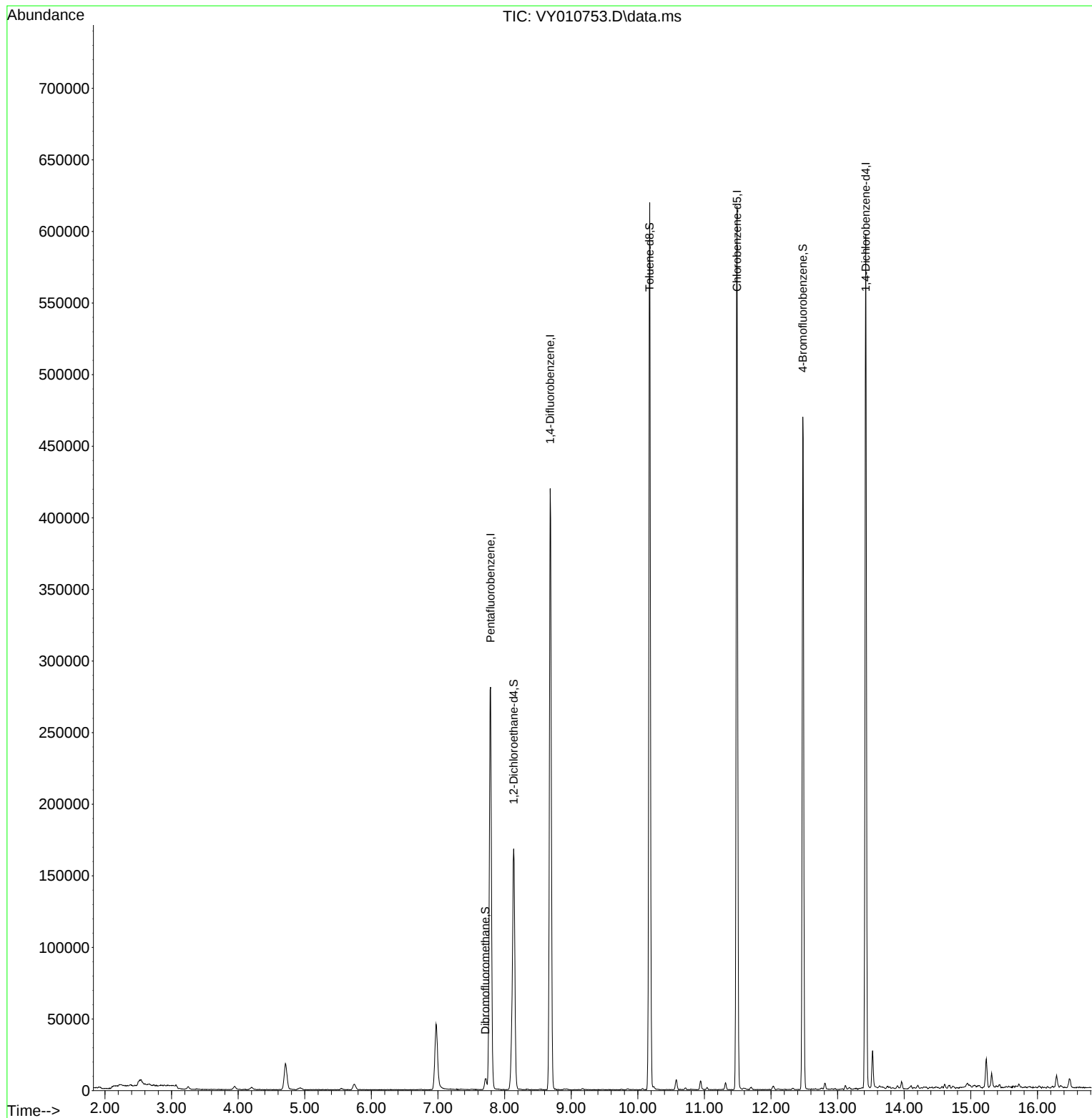
Target Compounds Qvalue

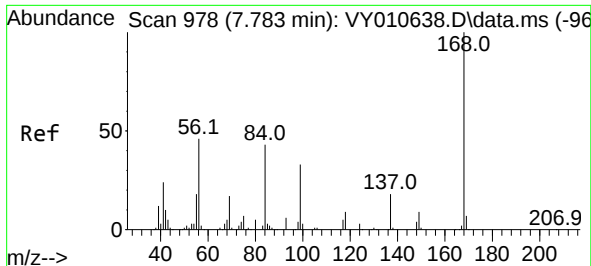
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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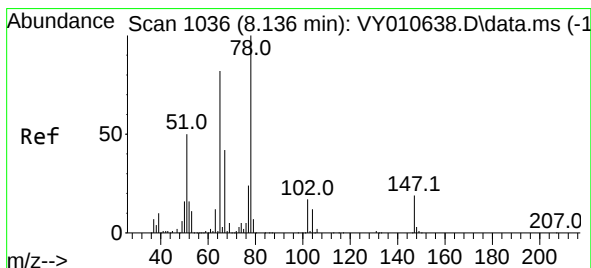
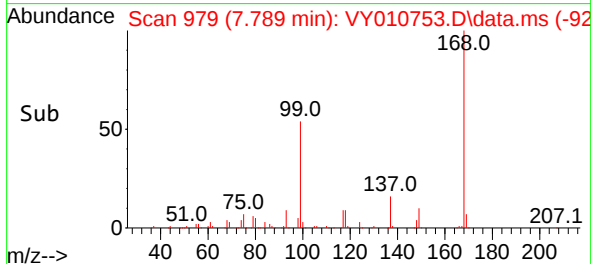
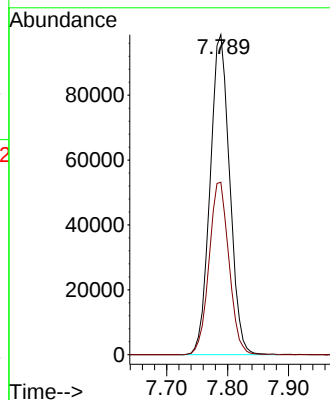
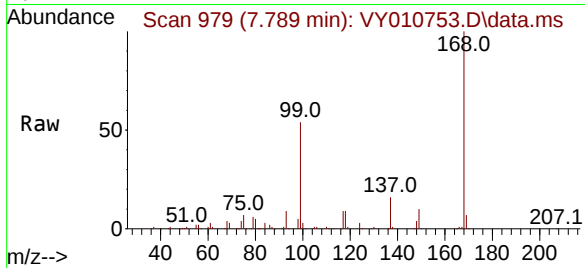




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010753.D
Acq: 30 Sep 2022 16:38

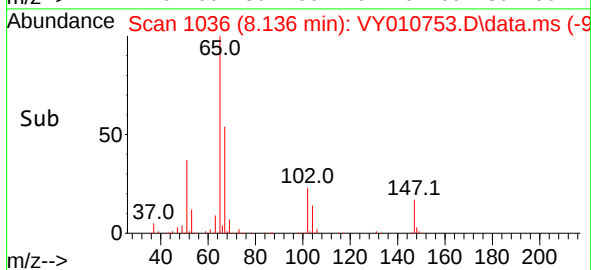
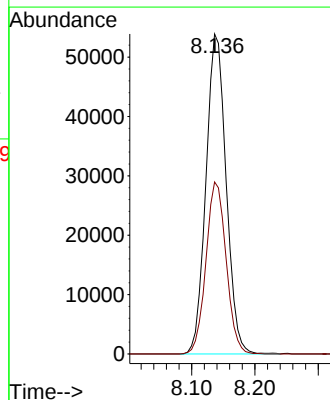
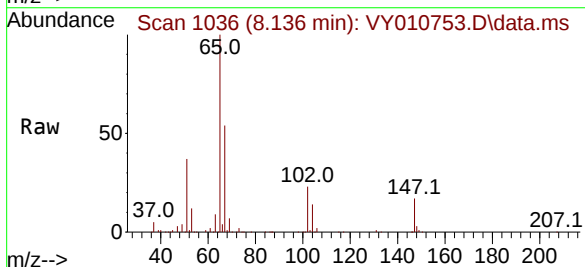
Instrument :
MSVOA_Y
ClientSampleId :
CRUSHED-MASONRY-PILE-11RE

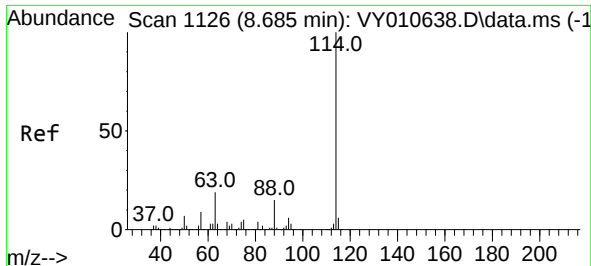
Tgt Ion:168 Resp: 220441
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.684 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010753.D
Acq: 30 Sep 2022 16:38

Tgt Ion: 65 Resp: 119516
Ion Ratio Lower Upper
65 100
67 53.7 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: VY010753.D

Acq: 30 Sep 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

CRUSHED-MASONRY-PILE-11RE

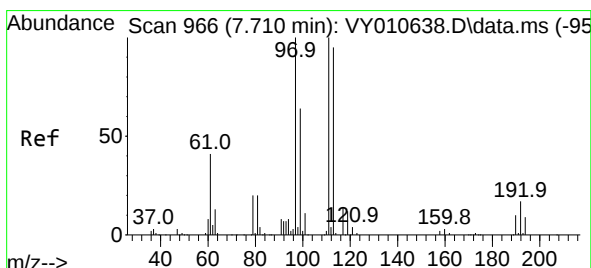
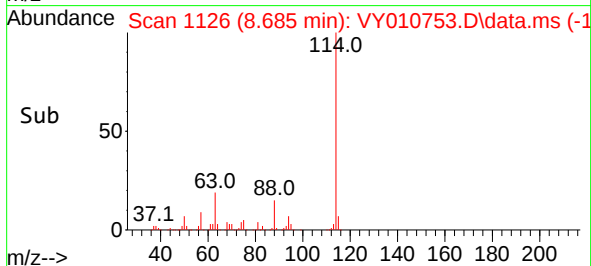
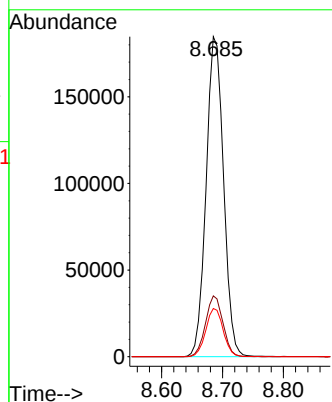
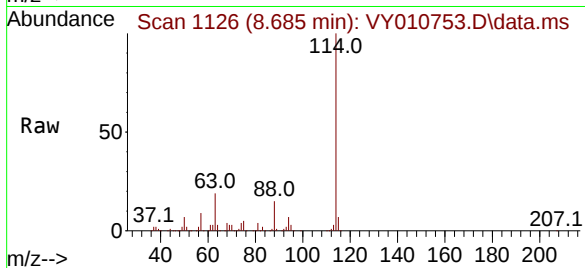
Tgt Ion:114 Resp: 367100

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 2.468 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010753.D

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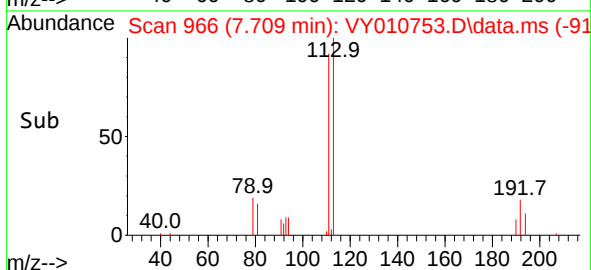
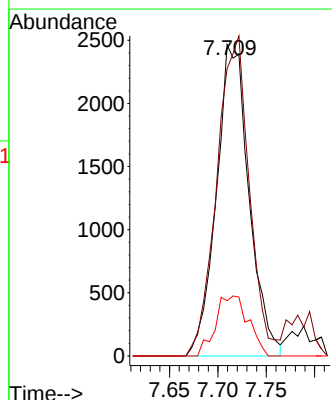
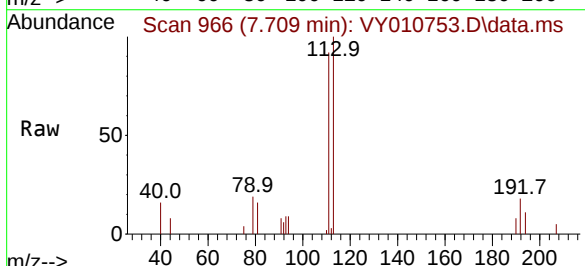
Tgt Ion:113 Resp: 5781

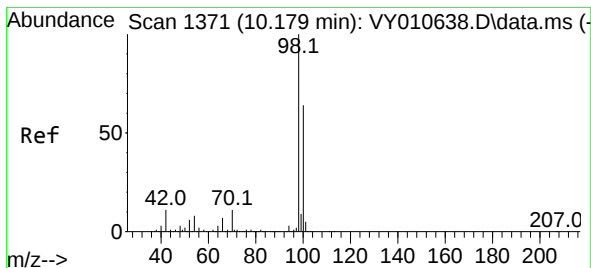
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.4 17.6 26.4

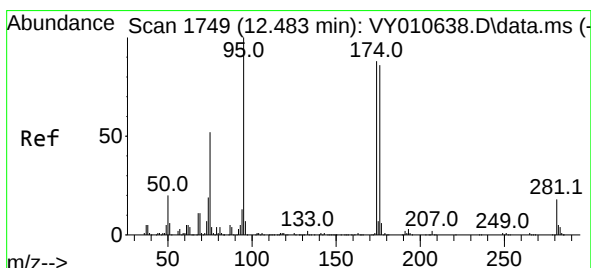
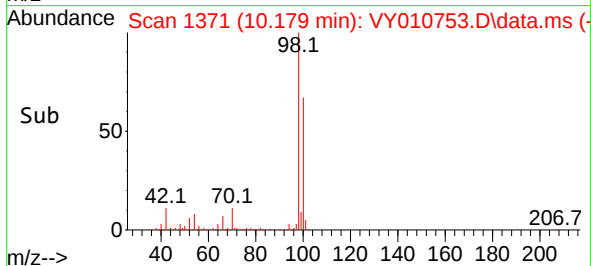
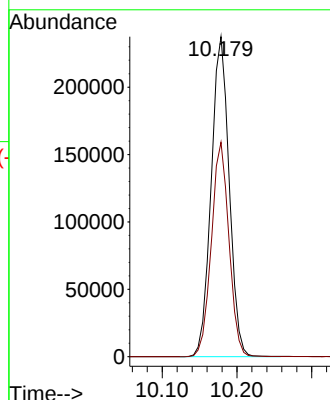
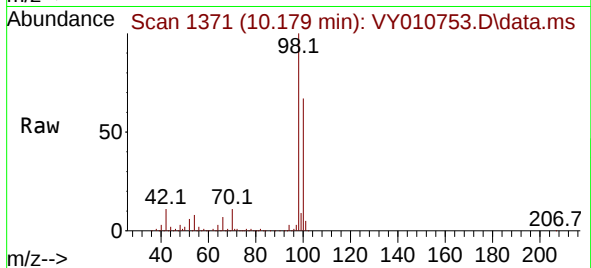




#50
Toluene-d8
Concen: 46.046 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010753.D
Acq: 30 Sep 2022 16:38

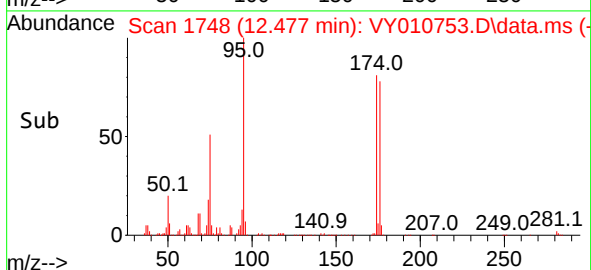
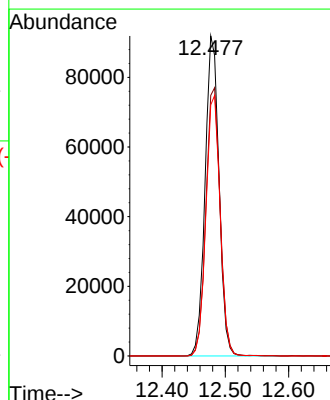
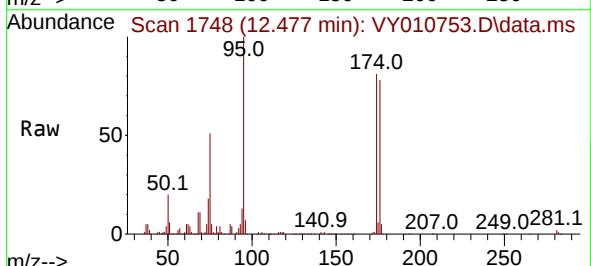
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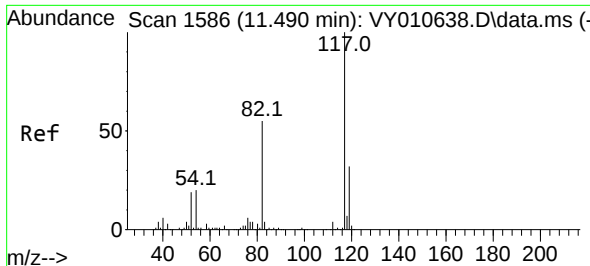
Tgt Ion: 98 Resp: 396418
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.467 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010753.D
Acq: 30 Sep 2022 16:38

Tgt Ion: 95 Resp: 140812
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 83.0 0.0 175.8

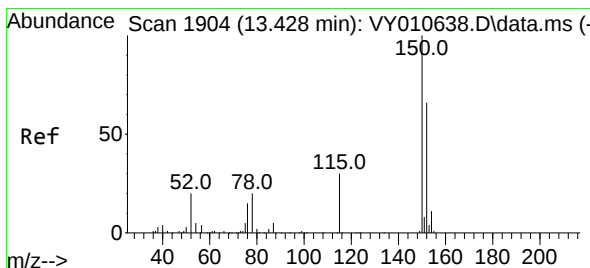
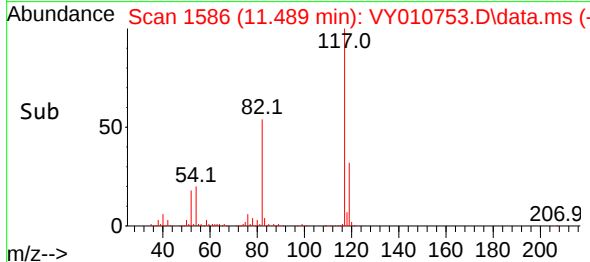
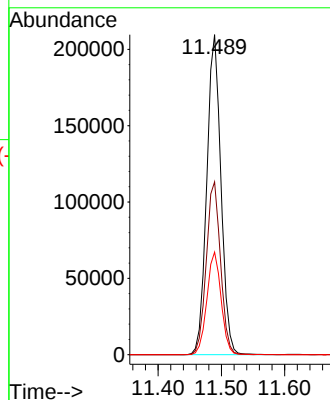
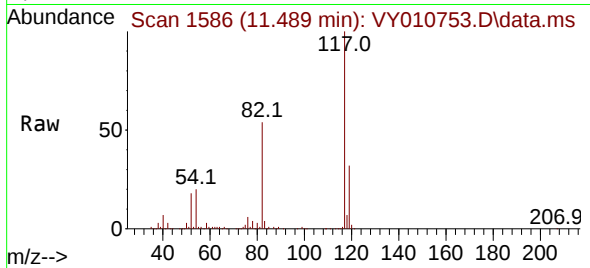




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010753.D
Acq: 30 Sep 2022 16:38

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

Tgt Ion:117 Resp: 327010
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.0 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: VY010753.D
Acq: 30 Sep 2022 16:38

Tgt Ion:152 Resp: 148805
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.7 0.0 347.6

