

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012822.D
 Acq On : 06 Mar 2023 14:43
 Operator : KP/MD
 Sample : 01764-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CS-A-CRUSHED-STONE-PILE-1

Quant Time: Mar 07 04:24:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82136	62.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.460%
35) Dibromofluoromethane	7.716	113	80840	60.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.180%
50) Toluene-d8	10.179	98	277917	56.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.940%
62) 4-Bromofluorobenzene	12.483	95	89043	54.082	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.160%

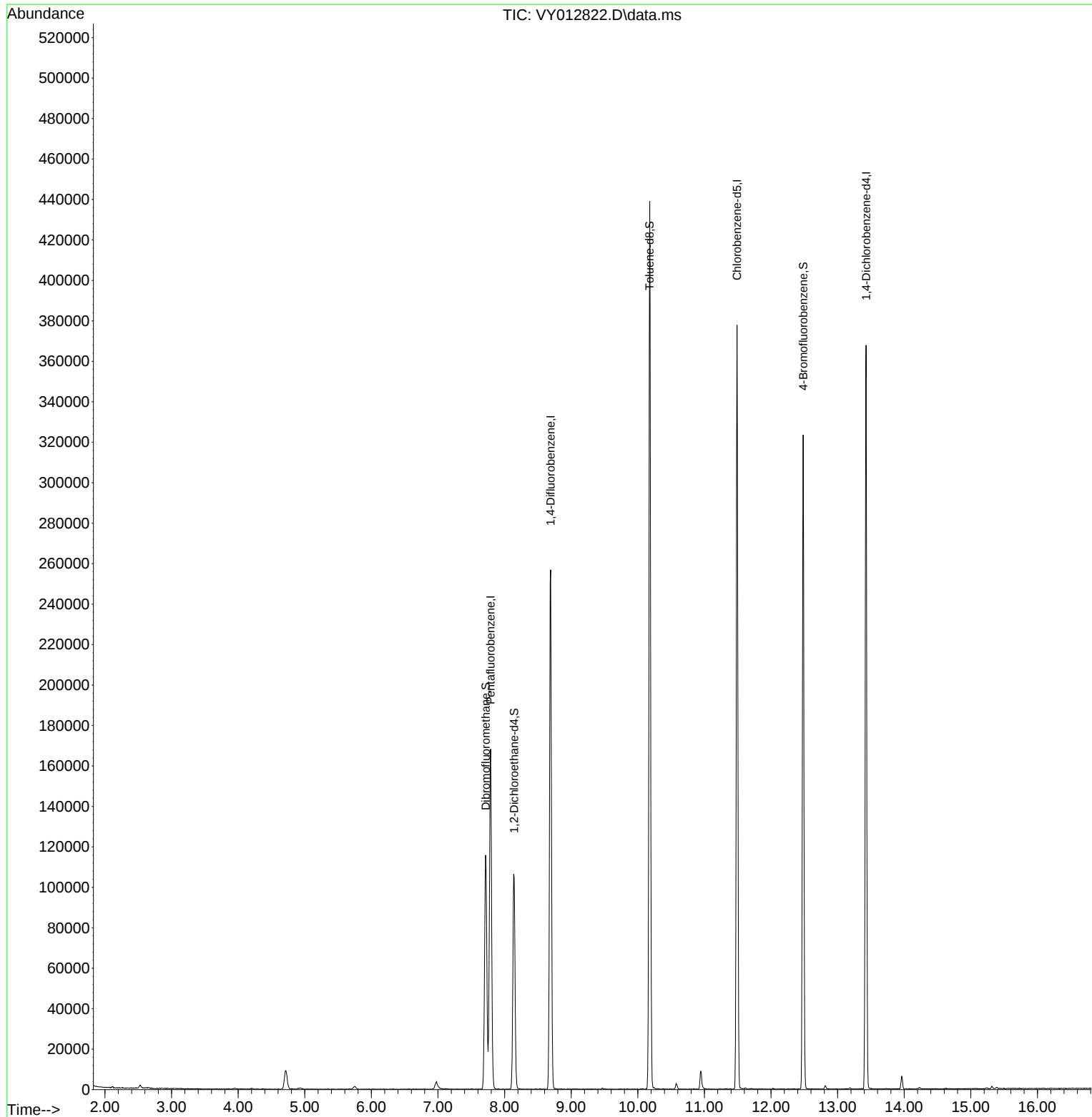
Target Compounds	Qvalue

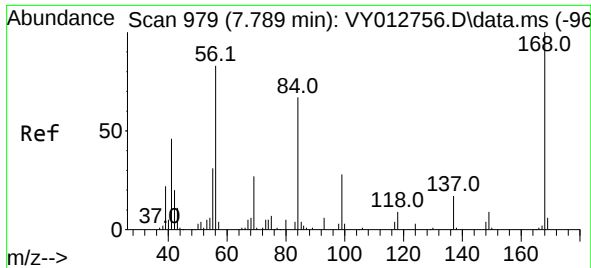
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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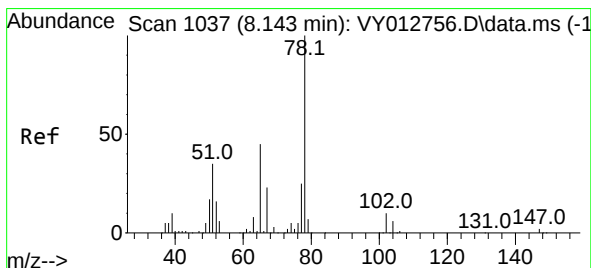
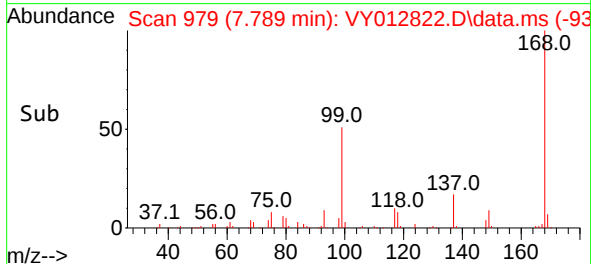
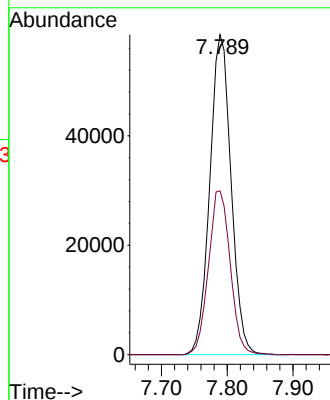
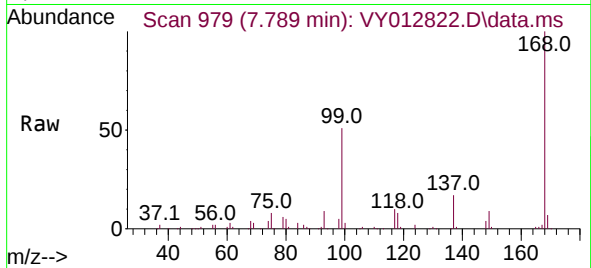




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

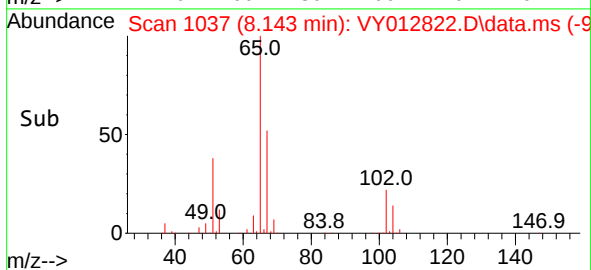
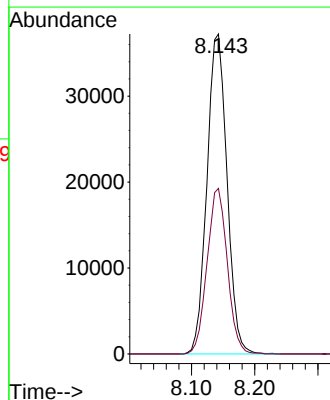
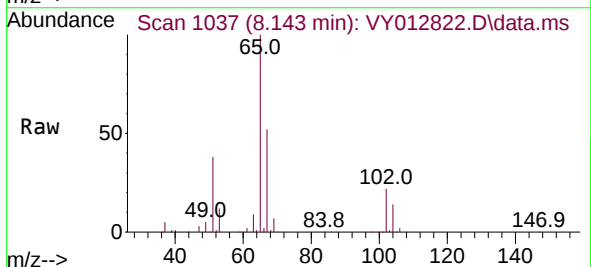
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

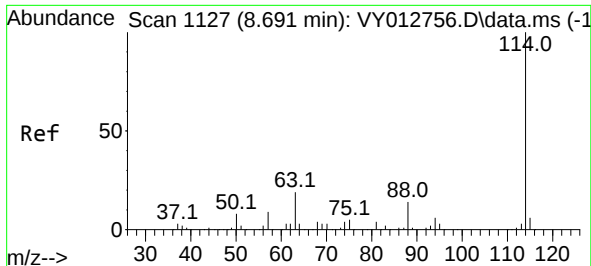
Tgt Ion:168 Resp: 131875
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.730 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion: 65 Resp: 82136
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

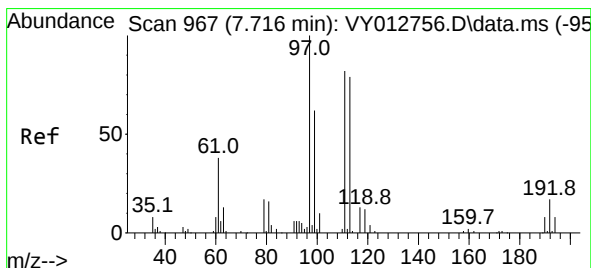
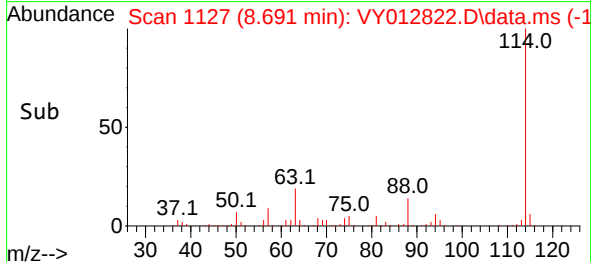
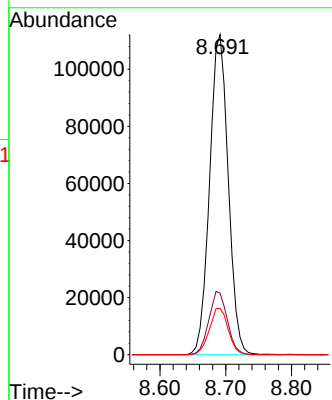
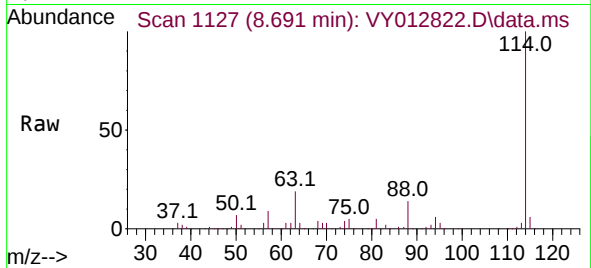




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

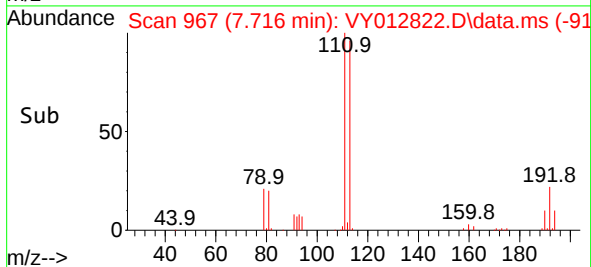
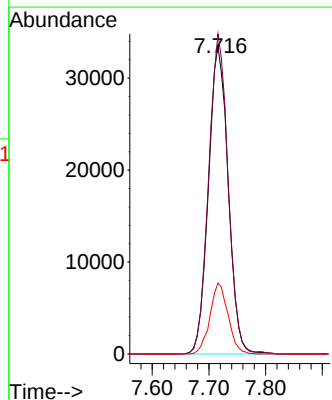
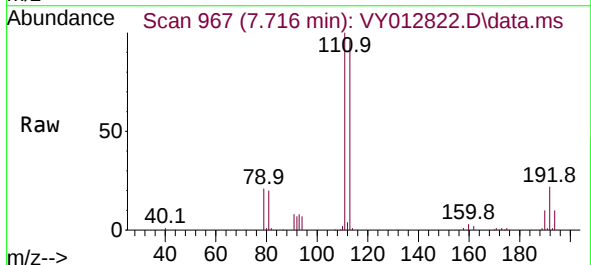
Instrument :
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ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

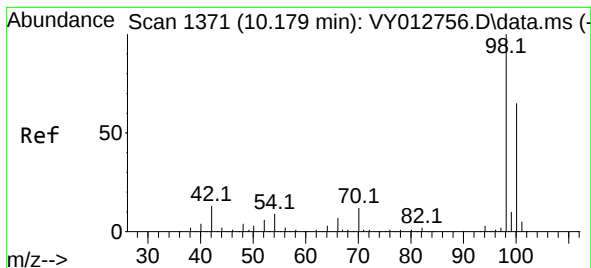
Tgt Ion:114 Resp: 221096
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.5 0.0 28.6



#35
Dibromofluoromethane
Concen: 60.586 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion:113 Resp: 80840
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 21.2 16.8 25.2

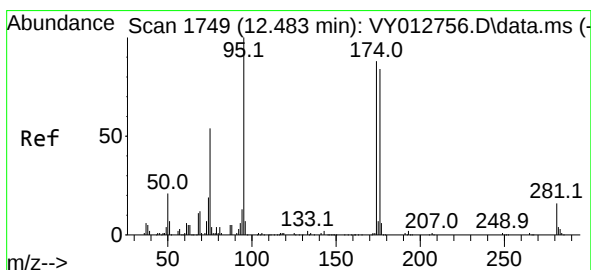
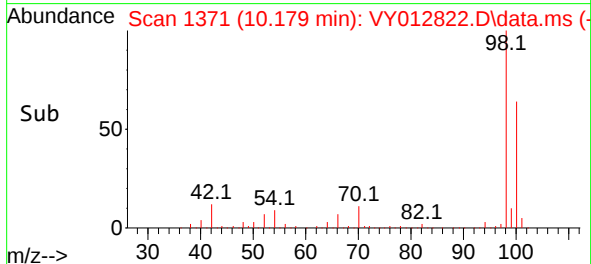
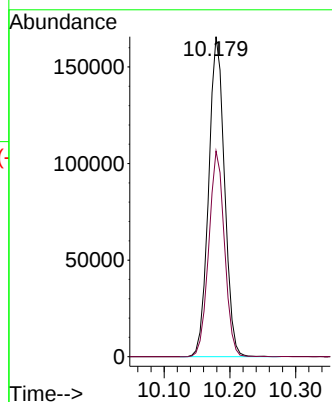
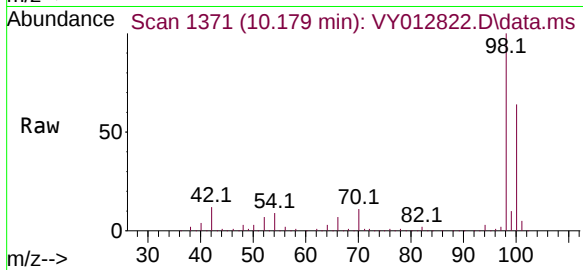




#50
Toluene-d8
Concen: 56.974 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

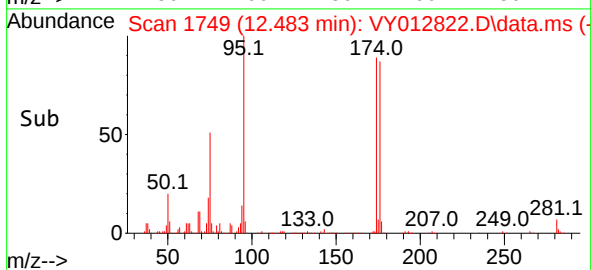
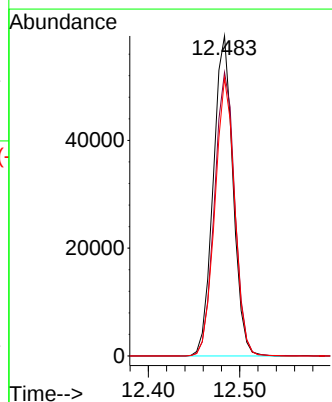
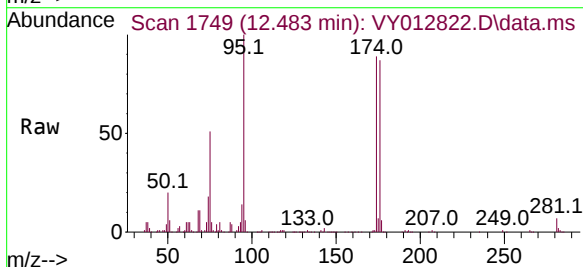
Instrument :
MSVOA_Y
ClientSampleId :
CS-A-CRUSHED-STONE-PILE-1

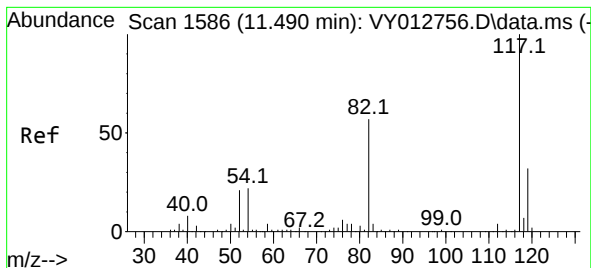
Tgt Ion: 98 Resp: 277917
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.082 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012822.D
Acq: 06 Mar 2023 14:43

Tgt Ion: 95 Resp: 89043
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 87.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012822.D

Acq: 06 Mar 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

CS-A-CRUSHED-STONE-PILE-1

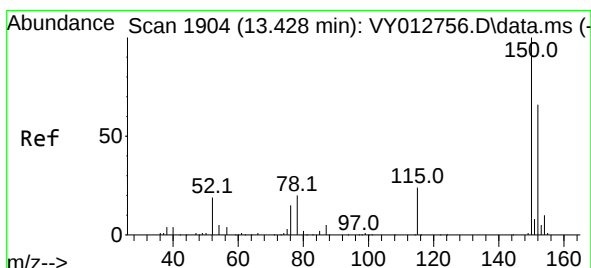
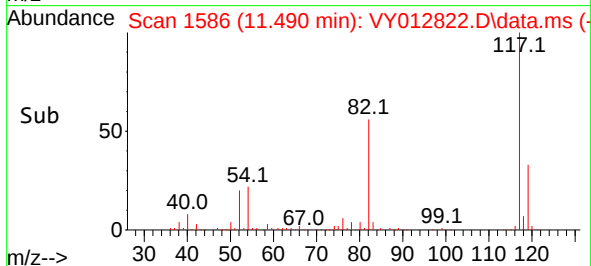
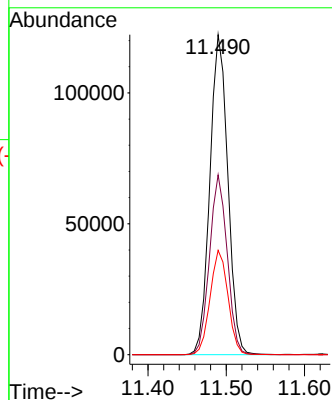
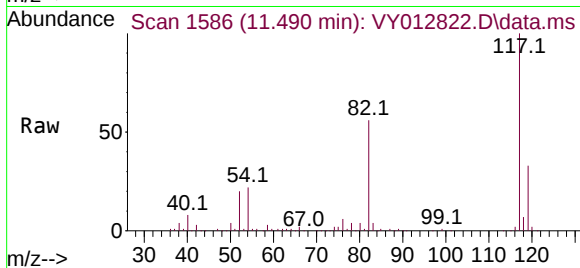
Tgt Ion:117 Resp: 194712

Ion Ratio Lower Upper

117 100

82 56.2 45.4 68.0

119 32.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012822.D

Acq: 06 Mar 2023 14:43

Tgt Ion:152 Resp: 93201

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 160.8 0.0 347.8

