

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012871.D
 Acq On : 08 Mar 2023 15:15
 Operator : KP/MD
 Sample : 01829-01
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-01-20230306

Quant Time: Mar 09 00:36:58 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	73703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50724	69.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.640%
35) Dibromofluoromethane	7.716	113	45568	59.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.880%
50) Toluene-d8	10.179	98	151638	54.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.140%
62) 4-Bromofluorobenzene	12.483	95	42872	45.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.420%

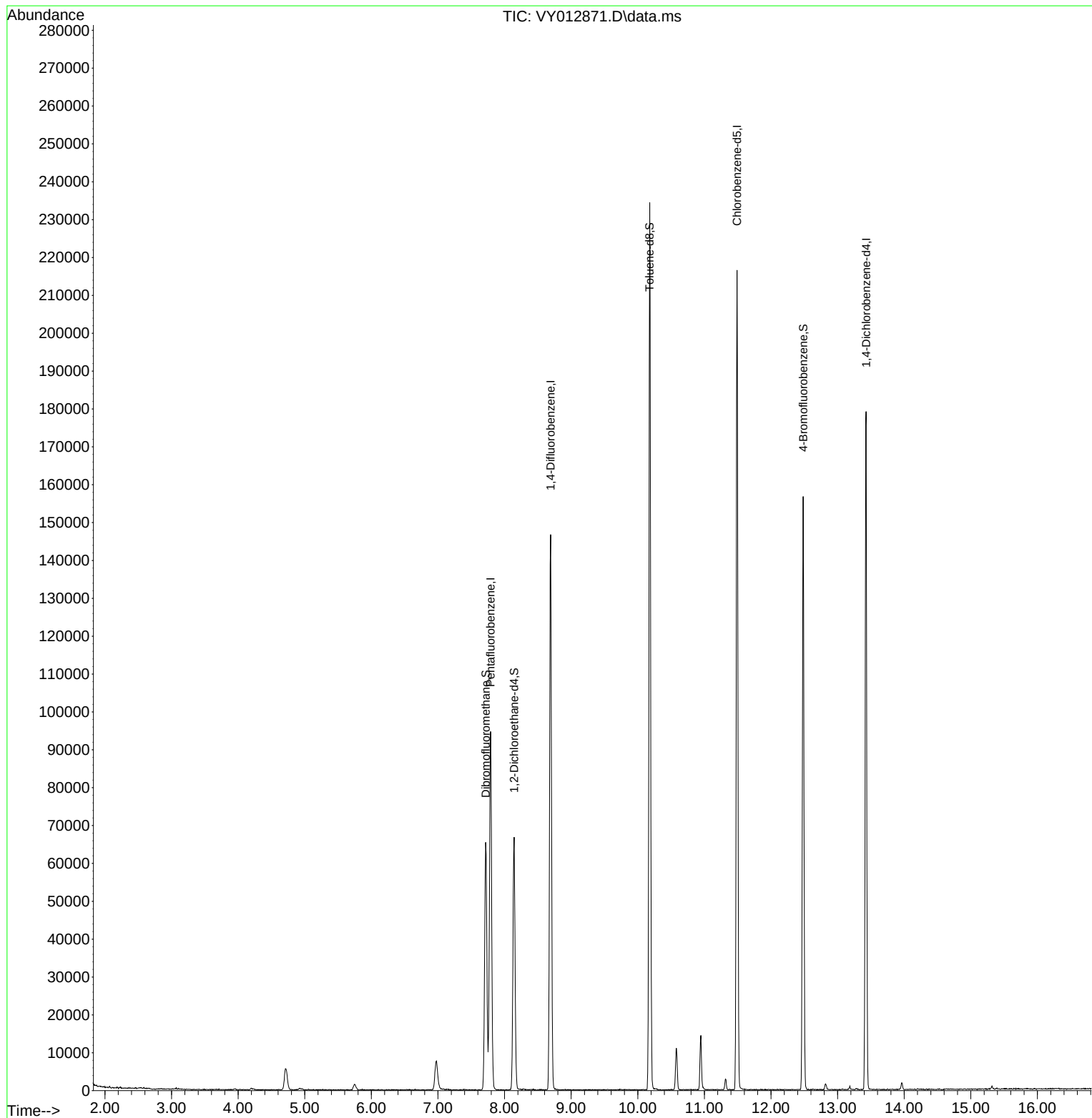
Target Compounds	Qvalue

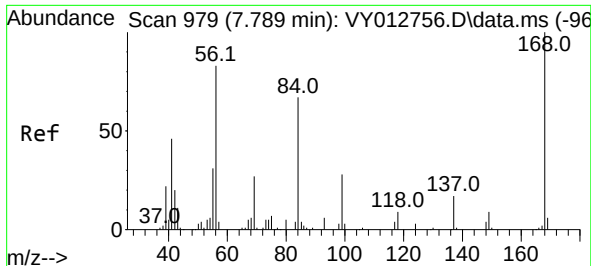
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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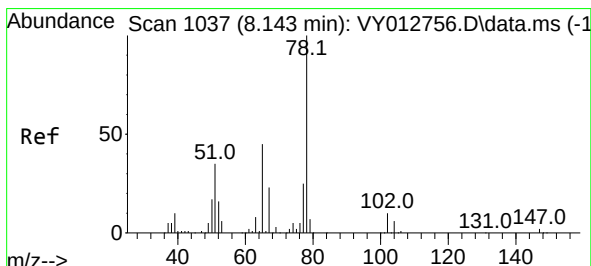
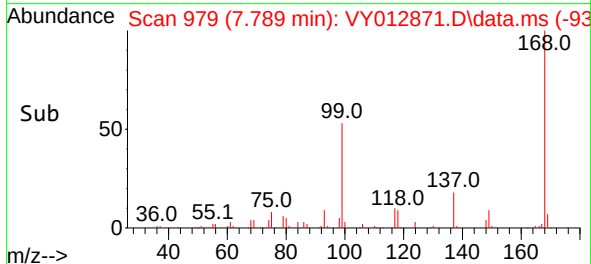
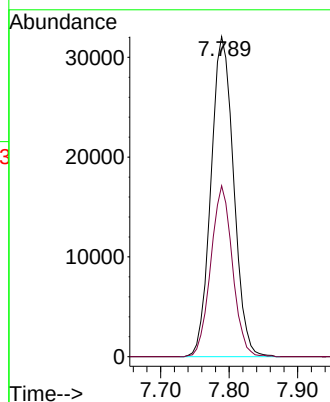
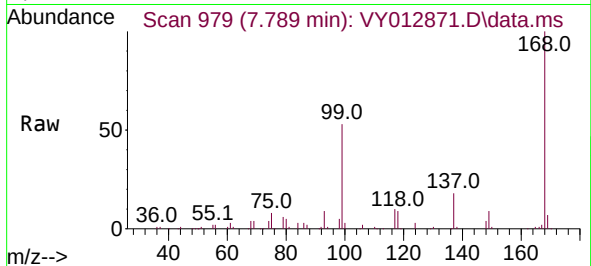




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

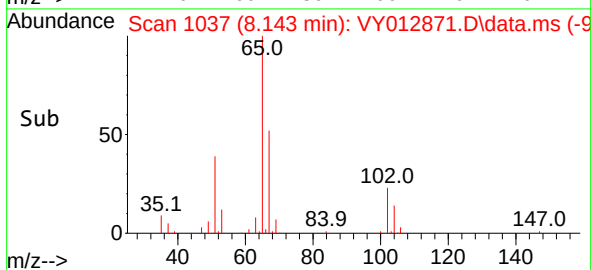
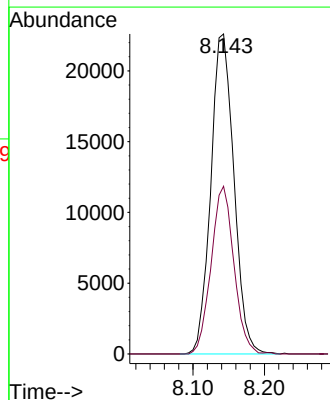
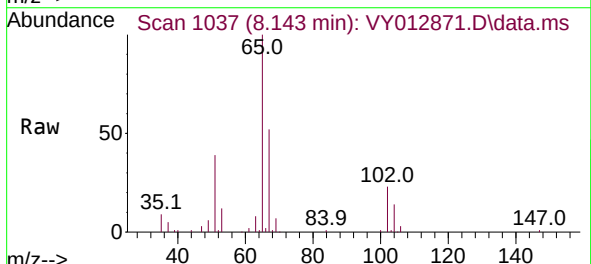
Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

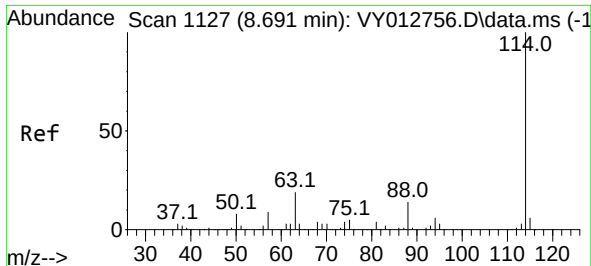
Tgt Ion:168 Resp: 73703
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 69.316 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 65 Resp: 50724
Ion Ratio Lower Upper
65 100
67 51.7 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: VY012871.D

Acq: 08 Mar 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

SS-01-20230306

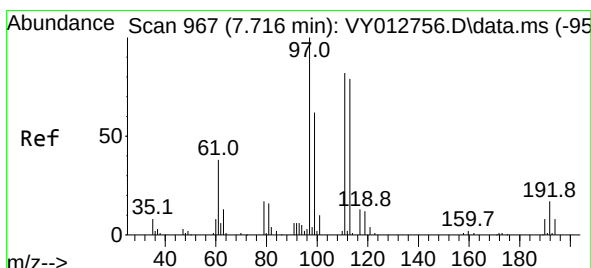
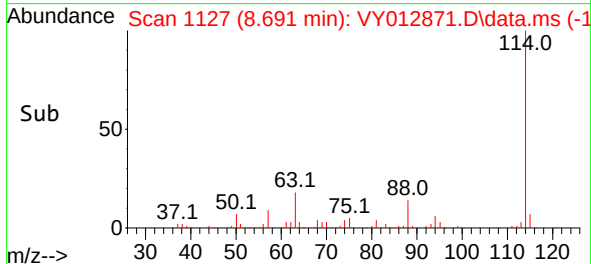
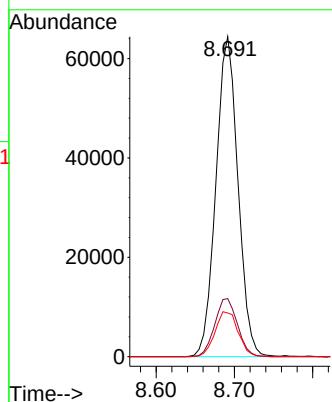
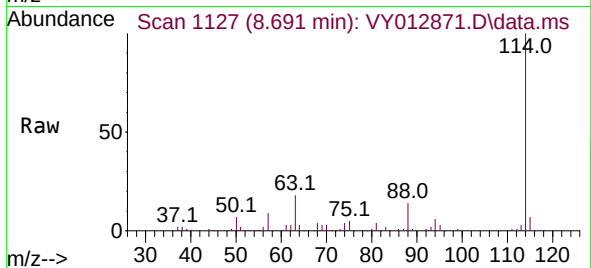
Tgt Ion:114 Resp: 125960

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

88 13.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.945 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012871.D

Acq: 08 Mar 2023 15:15

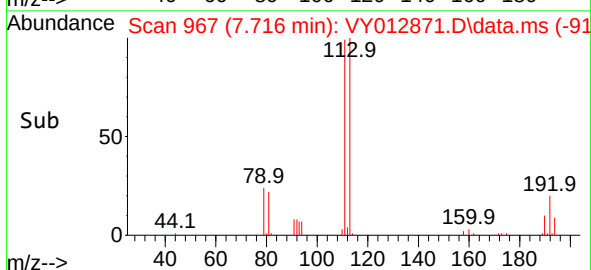
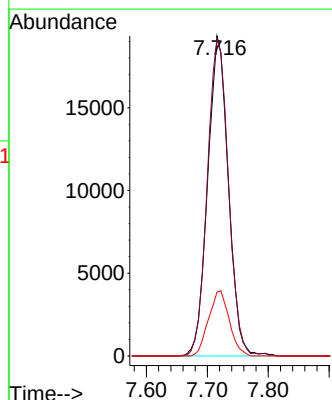
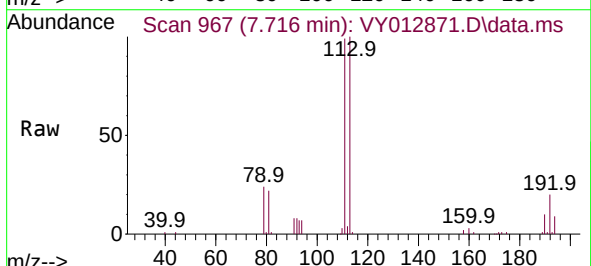
Tgt Ion:113 Resp: 45568

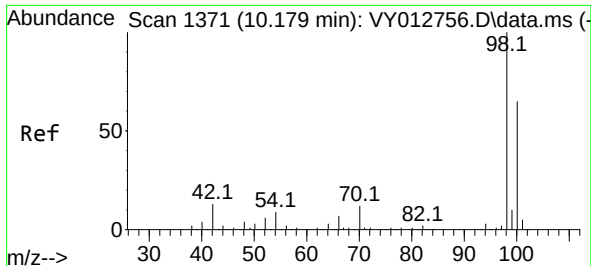
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

192 20.4 16.8 25.2

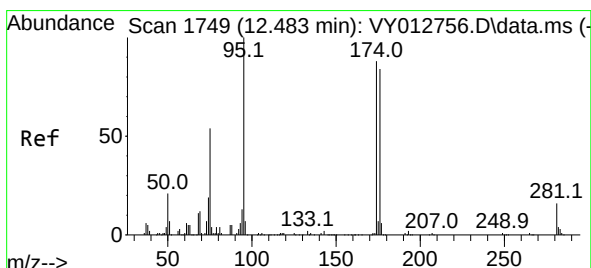
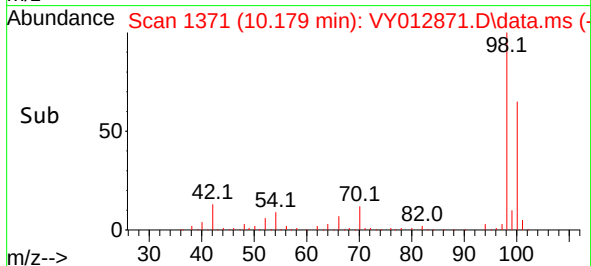
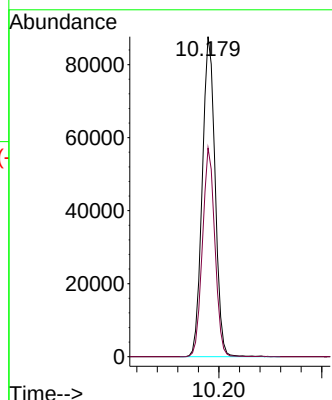
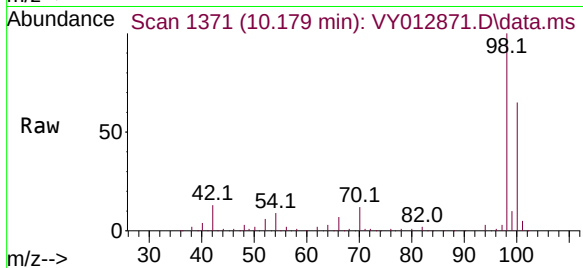




#50
Toluene-d8
Concen: 54.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

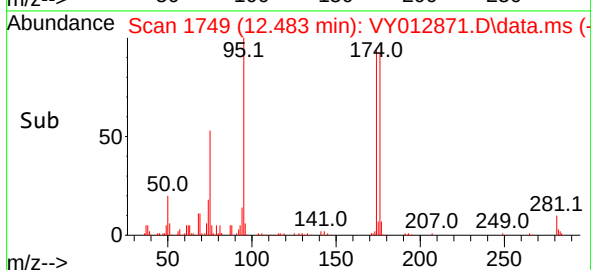
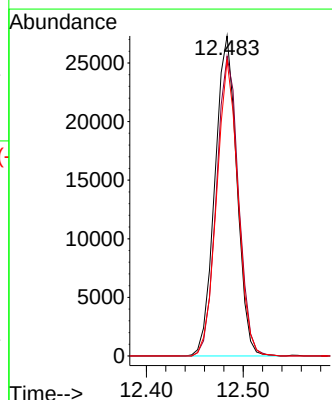
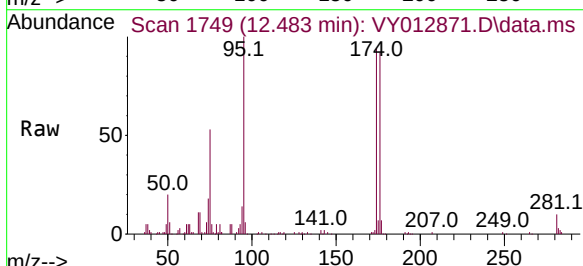
Instrument :
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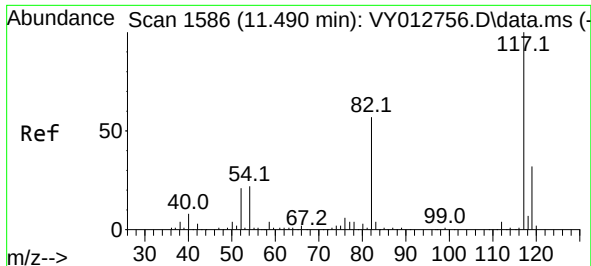
Tgt Ion: 98 Resp: 151638
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.706 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion: 95 Resp: 42872
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 89.9 0.0 170.2

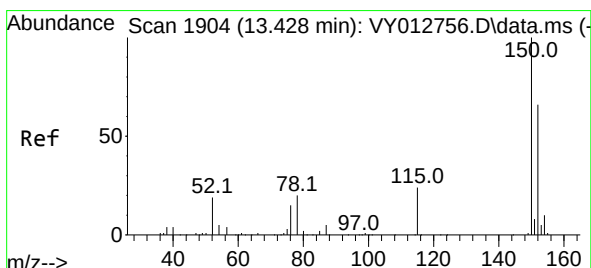
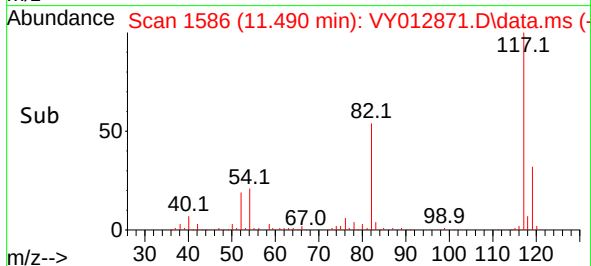
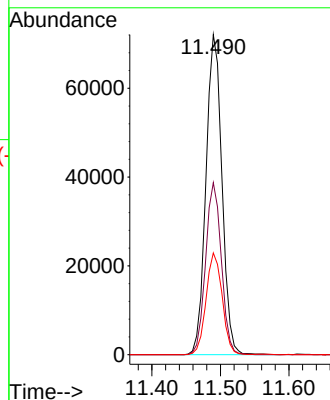
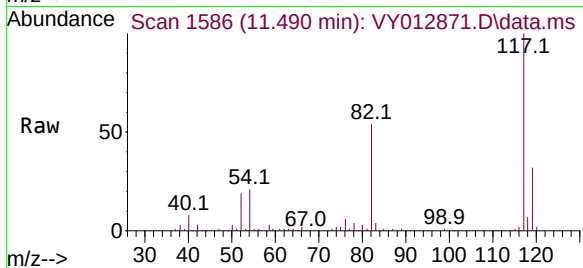




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117210
Delta R.T. 0.000 min
Lab File: VY012871.D
Acq: 08 Mar 2023 15:15

Instrument :
MSVOA_Y
ClientSampleId :
SS-01-20230306

Tgt Ion:117 Resp: 117210
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.8 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: VY012871.D
Acq: 08 Mar 2023 15:15

Tgt Ion:152 Resp: 47779
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 154.2 0.0 347.8

