

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012868.D
 Acq On : 08 Mar 2023 14:05
 Operator : KP/MD
 Sample : 01825-03RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP2-0306RE

Quant Time: Mar 09 00:36:12 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	7.783	168	891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1514	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1039	117.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	234.900%#
35) Dibromofluoromethane	7.716	113	695	75.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.040%#
50) Toluene-d8	10.179	98	1864	55.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.800%
62) 4-Bromofluorobenzene	12.483	95	473	41.651	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.300%

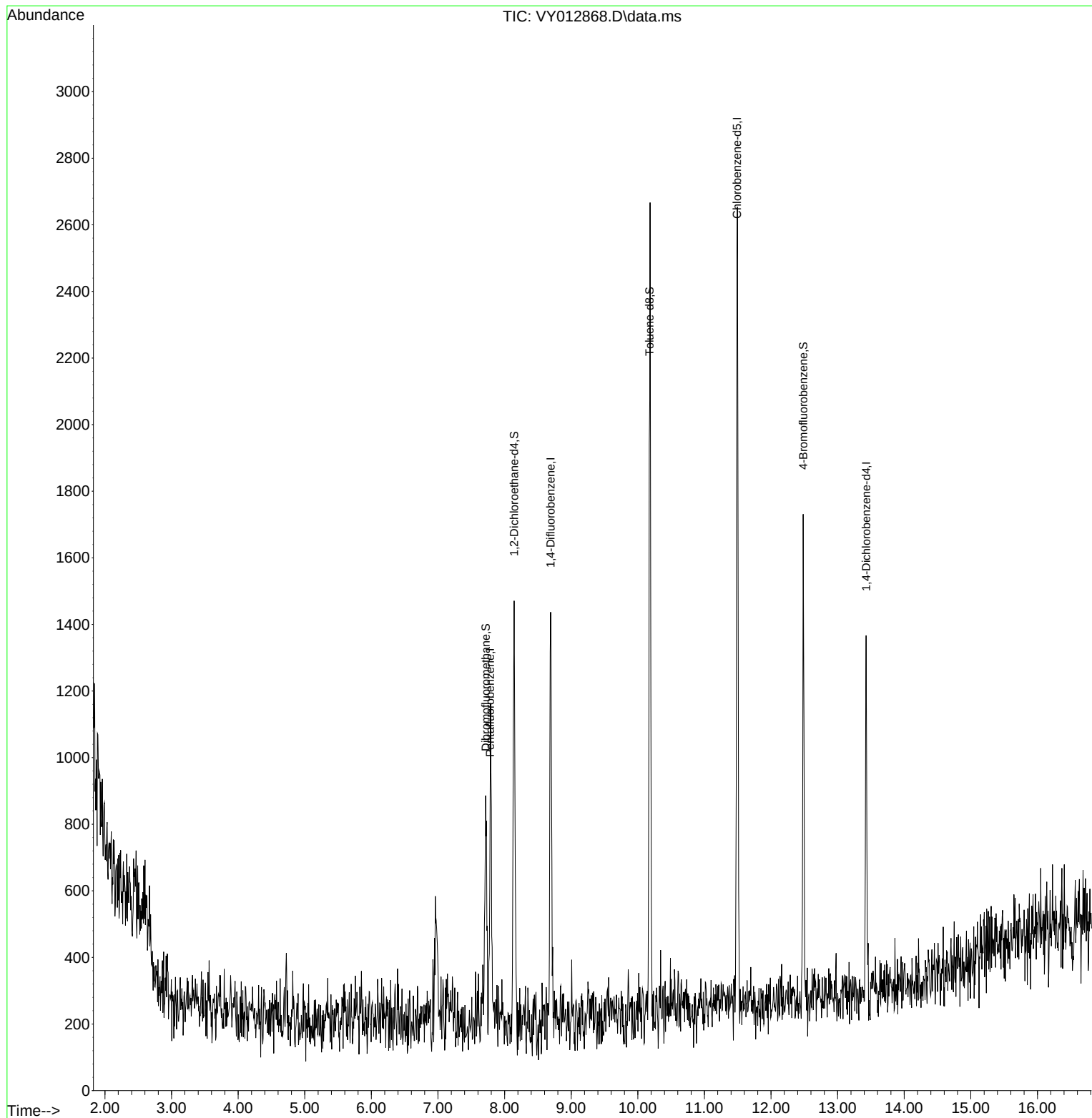
Target Compounds	Qvalue

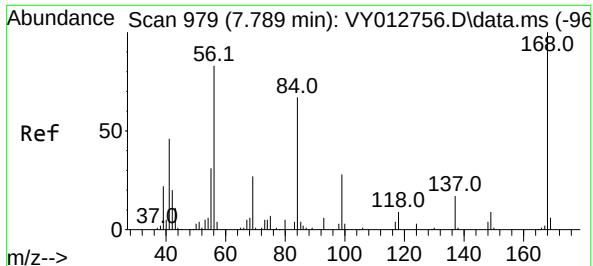
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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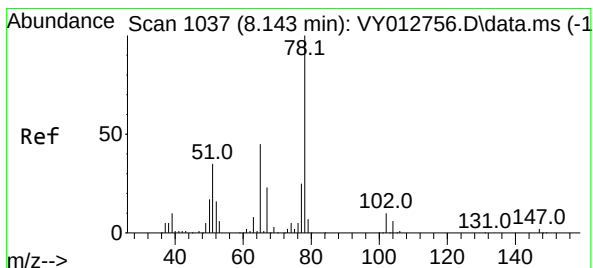
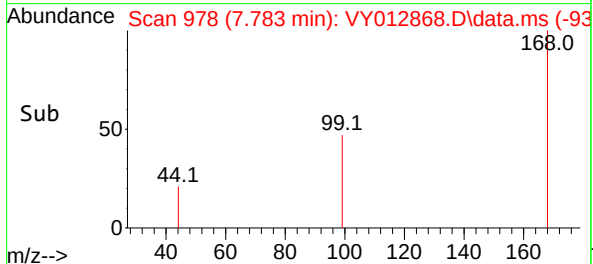
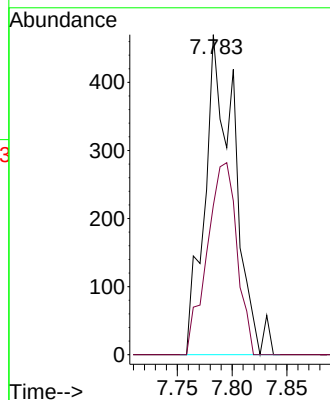
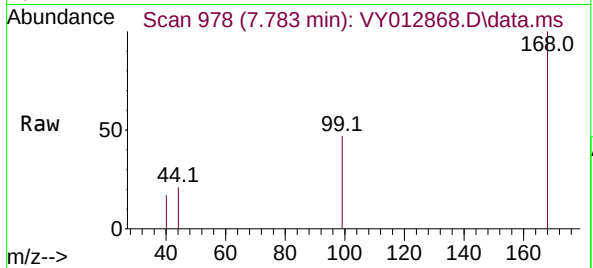




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

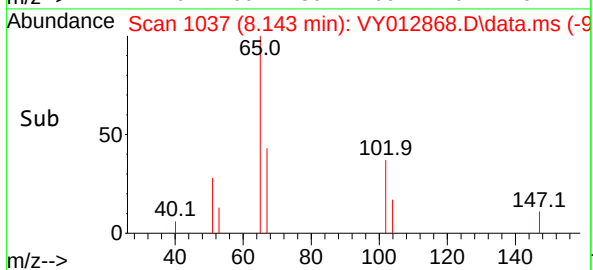
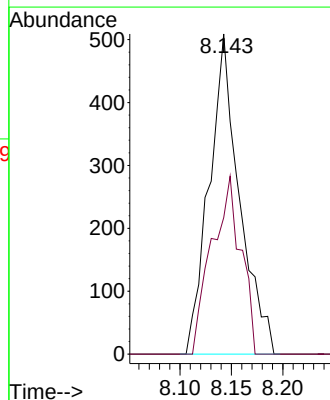
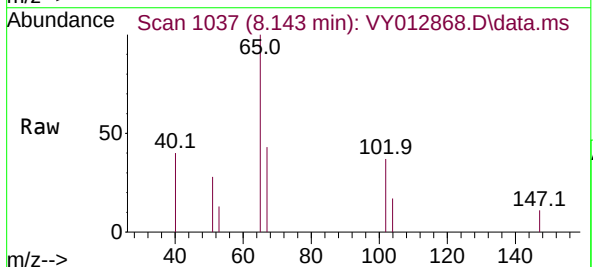
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

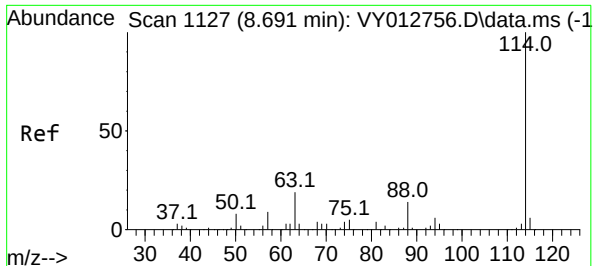
Tgt Ion:168 Resp: 891
Ion Ratio Lower Upper
168 100
99 46.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 117.448 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Tgt Ion: 65 Resp: 1039
Ion Ratio Lower Upper
65 100
67 53.7 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: VY012868.D

Acq: 08 Mar 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP2-0306RE

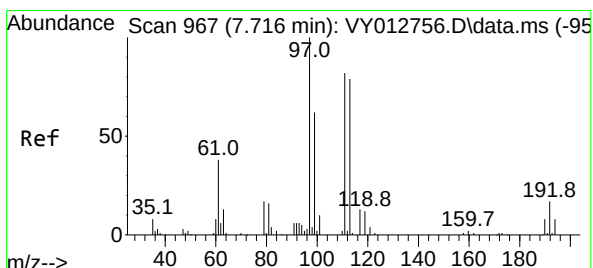
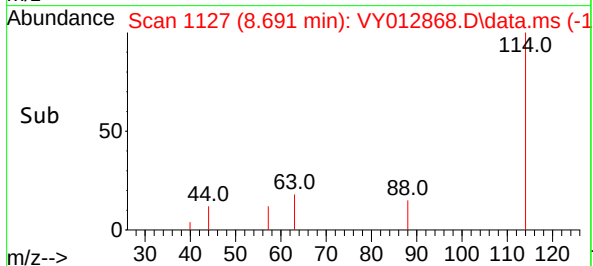
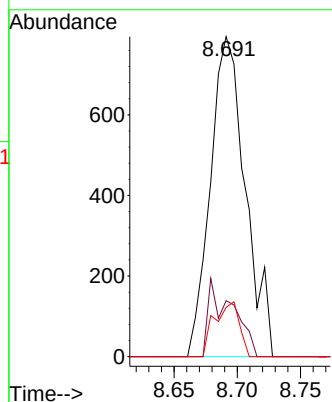
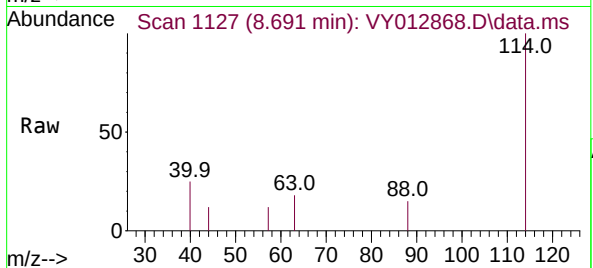
Tgt Ion:114 Resp: 1525

Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 75.516 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012868.D

Acq: 08 Mar 2023 14:05

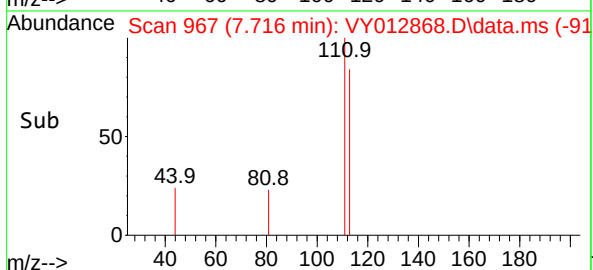
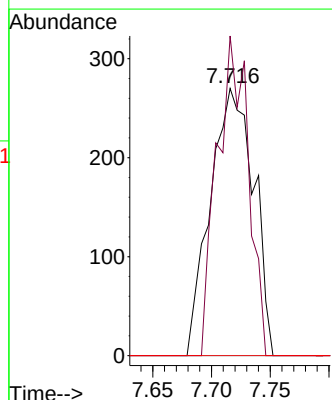
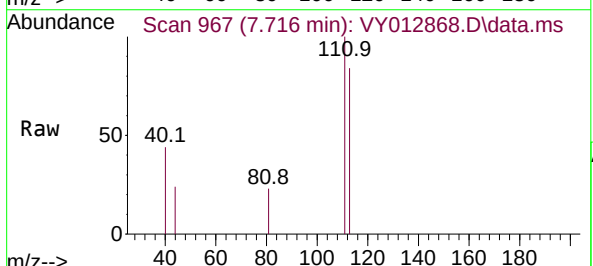
Tgt Ion:113 Resp: 695

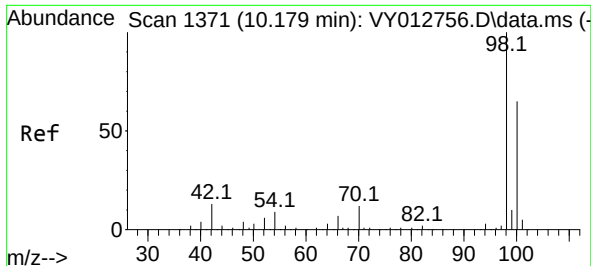
Ion Ratio Lower Upper

113 100

111 86.0 82.2 123.2

192 0.0 16.8 25.2#

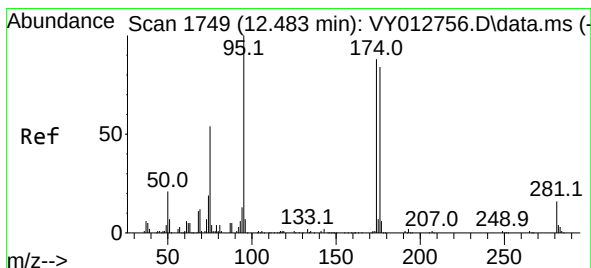
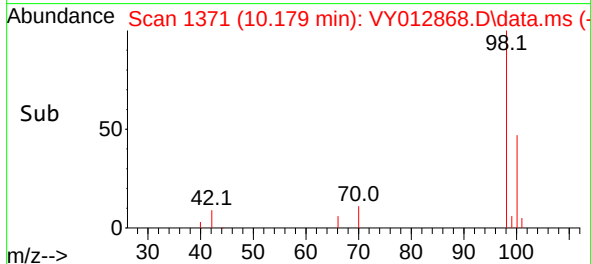
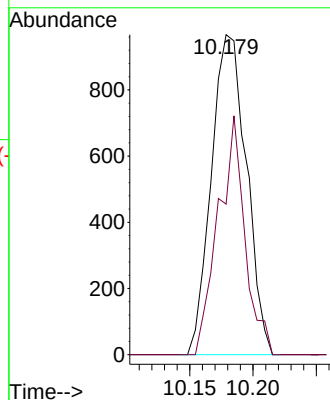
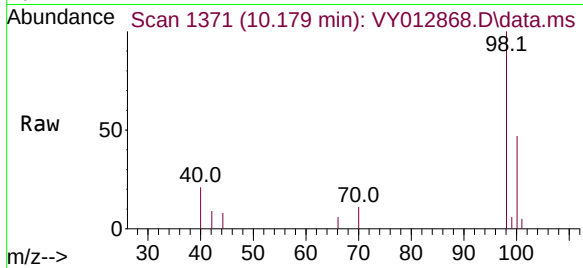




#50
Toluene-d8
Concen: 55.401 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

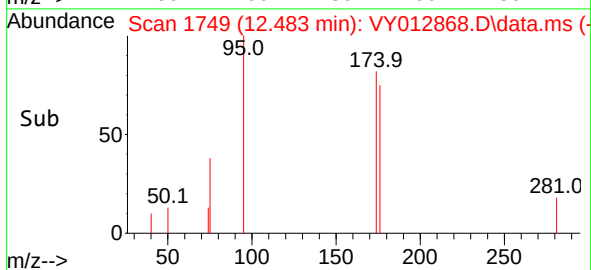
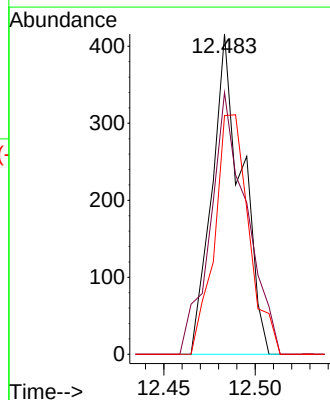
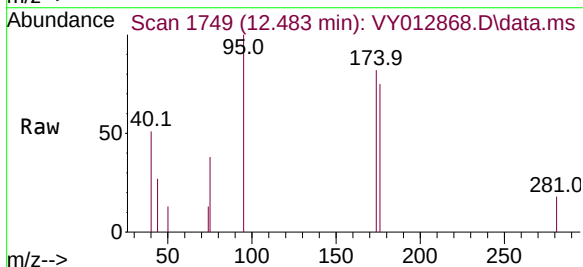
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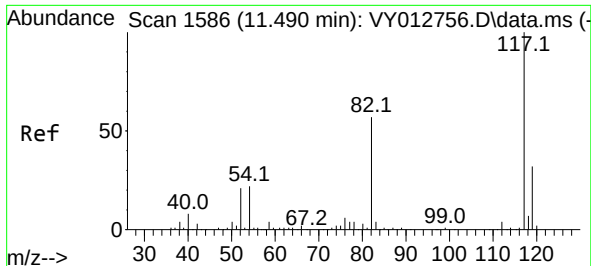
Tgt Ion: 98 Resp: 1864
Ion Ratio Lower Upper
98 100
100 56.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.651 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Tgt Ion: 95 Resp: 473
Ion Ratio Lower Upper
95 100
174 98.9 0.0 176.6
176 85.8 0.0 170.2

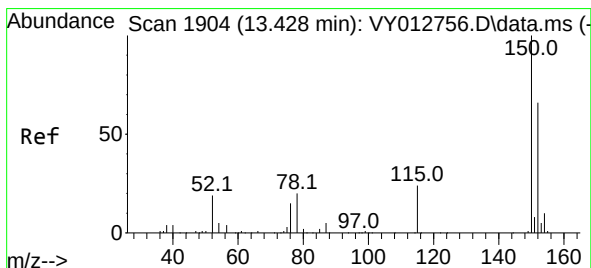
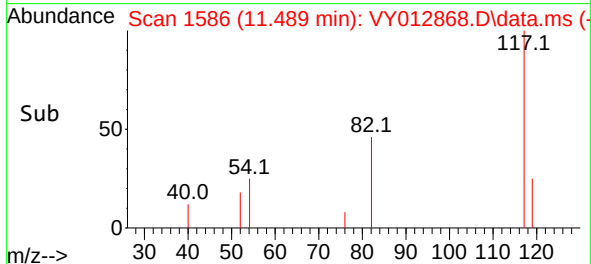
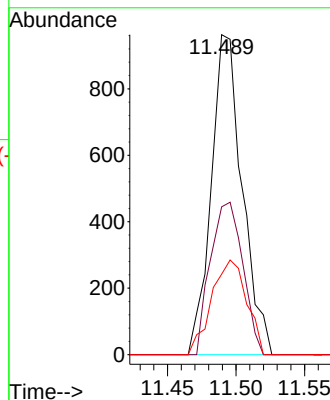
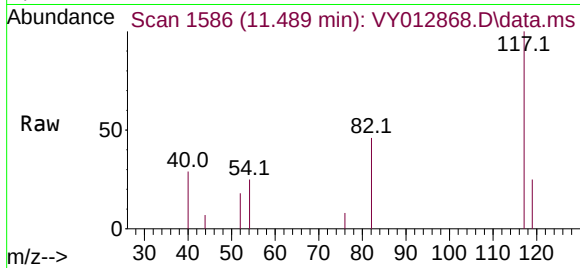




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012868.D
Acq: 08 Mar 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP2-0306RE

Tgt Ion:117 Resp: 1514
Ion Ratio Lower Upper
117 100
82 46.2 45.4 68.0
119 25.1 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: VY012868.D
Acq: 08 Mar 2023 14:05

Tgt Ion:152 Resp: 343
Ion Ratio Lower Upper
152 100
115 61.8 27.1 81.3
150 195.6 0.0 347.8

