

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012825.D
 Acq On : 06 Mar 2023 15:50
 Operator : KP/MD
 Sample : 01671-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5-1

Quant Time: Mar 07 04:25:17 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	9738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6222	64.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.700%
35) Dibromofluoromethane	7.716	113	5907	74.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	148.060%#
50) Toluene-d8	10.179	98	16204	55.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.100%
62) 4-Bromofluorobenzene	12.483	95	3789	38.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.980%

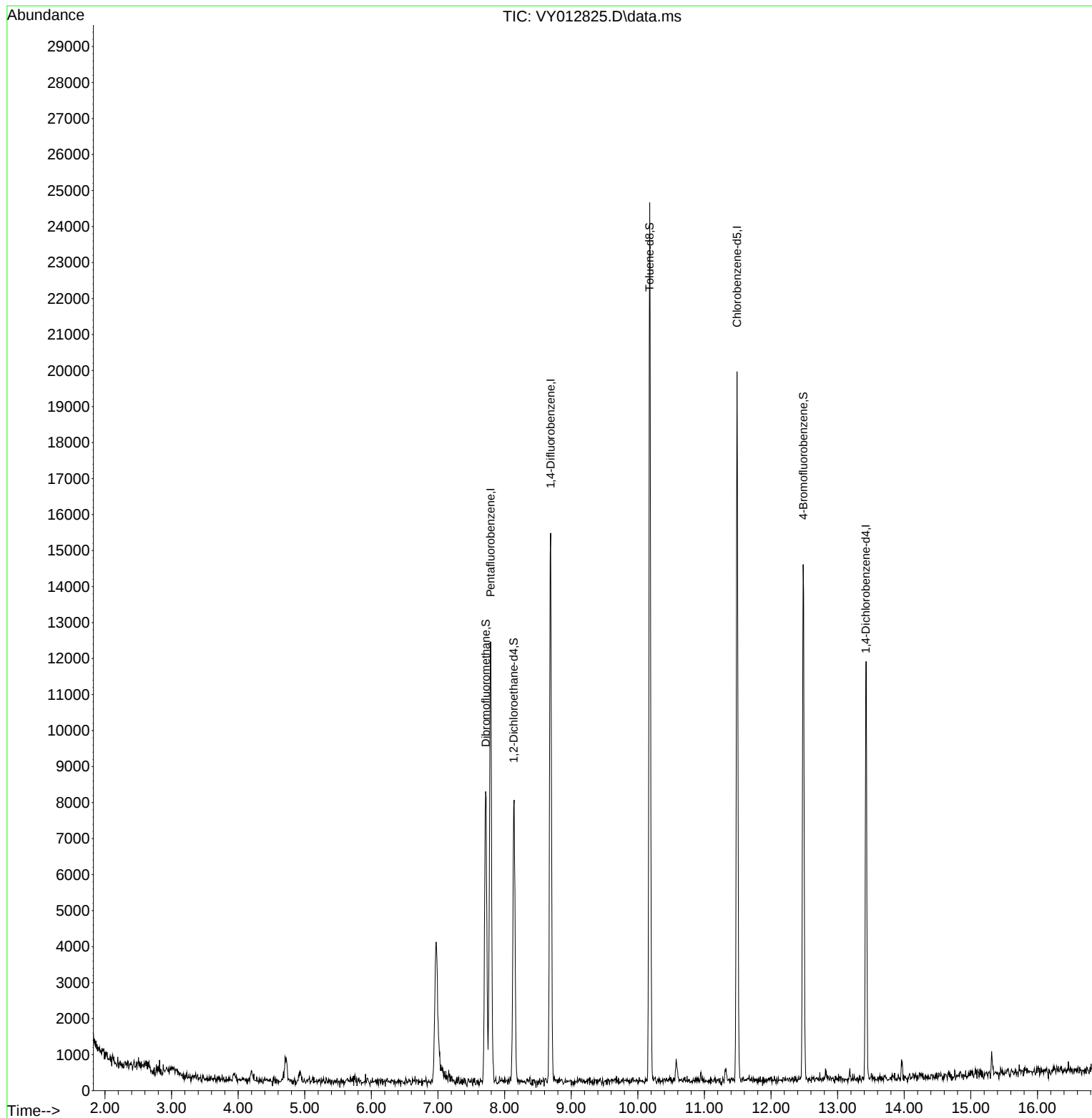
Target Compounds	Qvalue

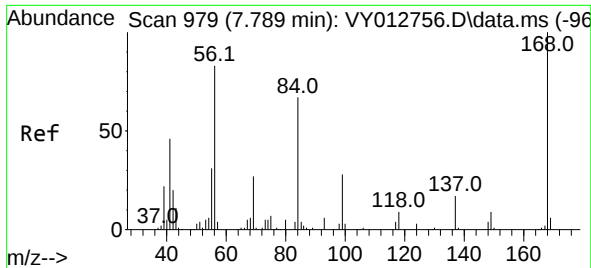
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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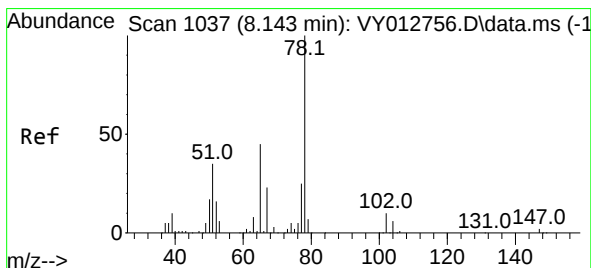
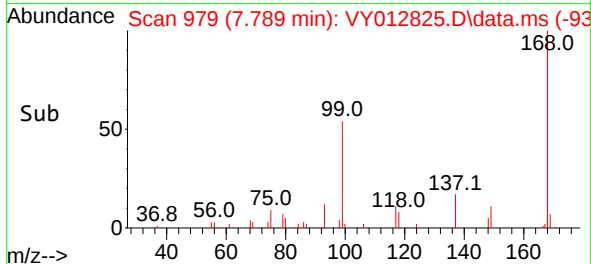
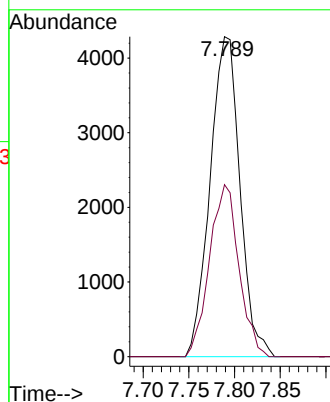
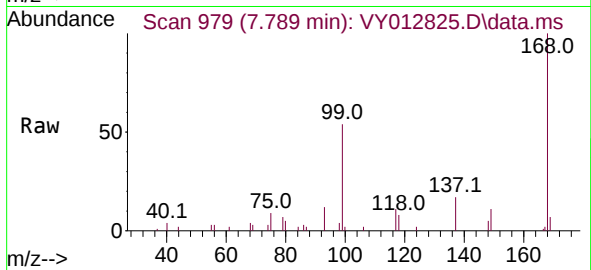




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012825.D
Acq: 06 Mar 2023 15:50

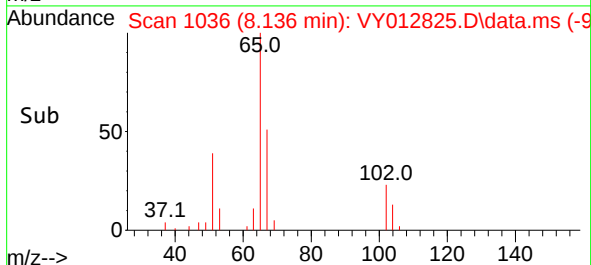
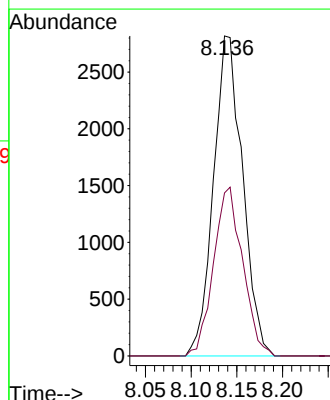
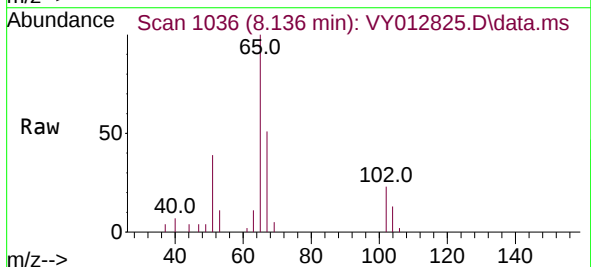
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

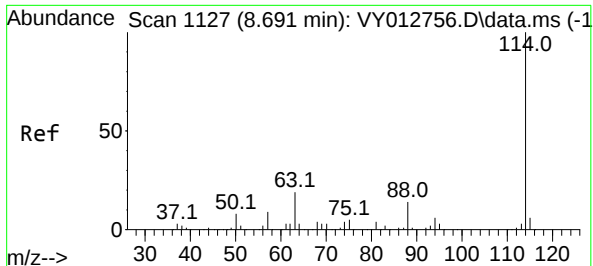
Tgt Ion:168 Resp: 9738
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.353 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012825.D
Acq: 06 Mar 2023 15:50

Tgt Ion: 65 Resp: 6222
Ion Ratio Lower Upper
65 100
67 52.9 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: VY012825.D

Acq: 06 Mar 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

T5-1

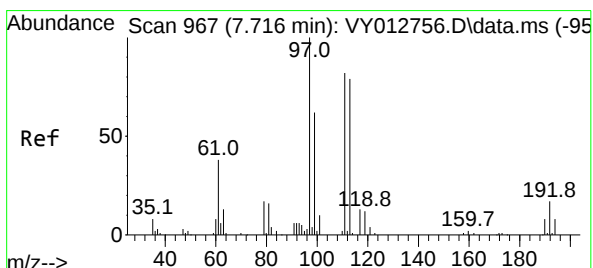
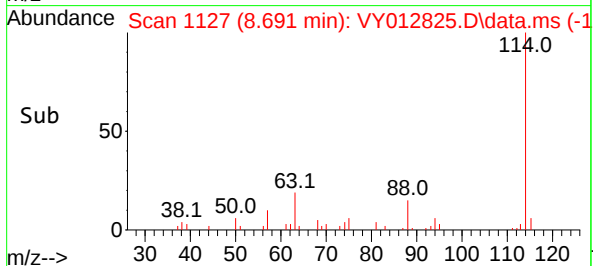
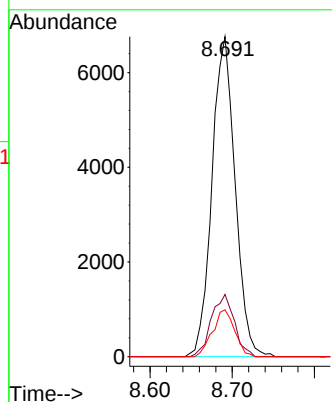
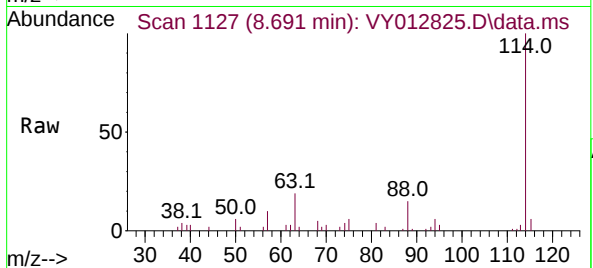
Tgt Ion:114 Resp: 13221

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 74.033 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012825.D

Acq: 06 Mar 2023 15:50

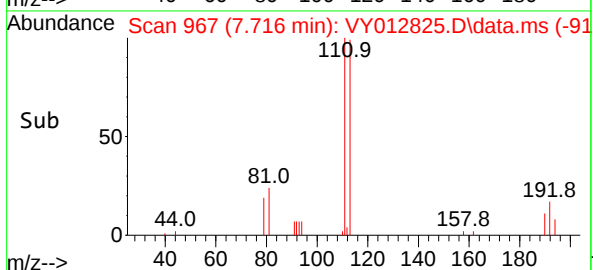
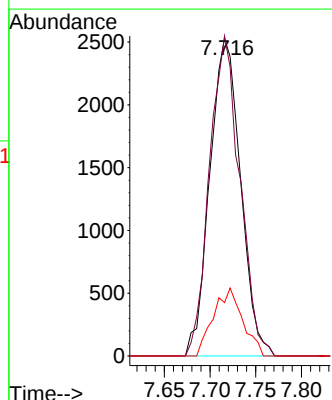
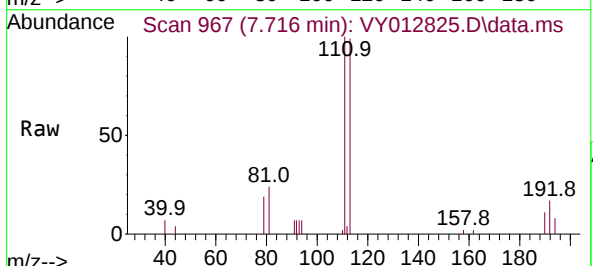
Tgt Ion:113 Resp: 5907

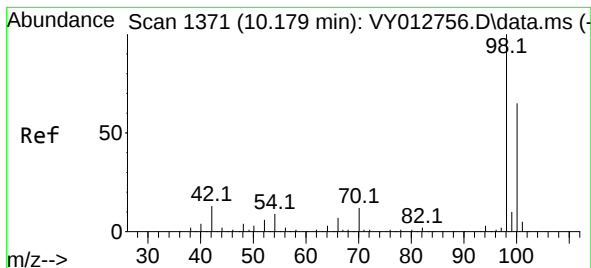
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.2

192 20.3 16.8 25.2





#50

Toluene-d8

Concen: 55.552 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012825.D

Acq: 06 Mar 2023 15:50

Instrument :

MSVOA_Y

ClientSampleId :

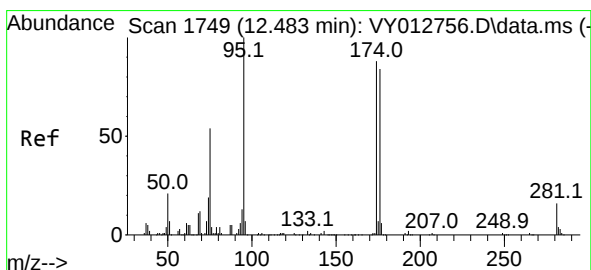
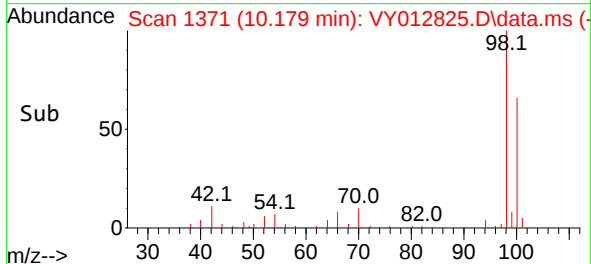
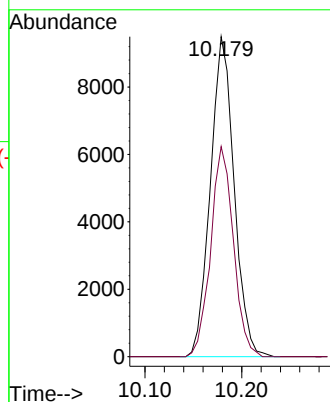
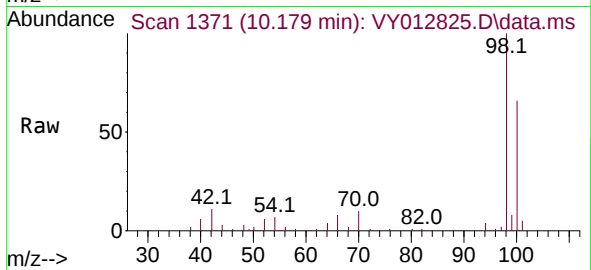
T5-1

Tgt Ion: 98 Resp: 16204

Ion Ratio Lower Upper

98 100

100 62.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 38.485 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012825.D

Acq: 06 Mar 2023 15:50

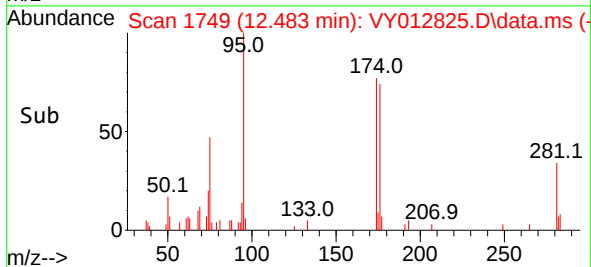
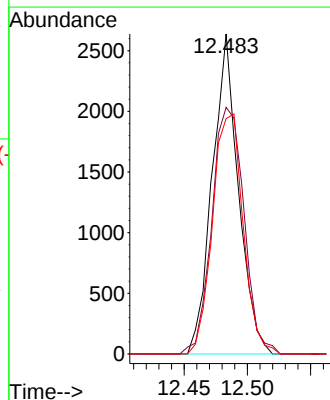
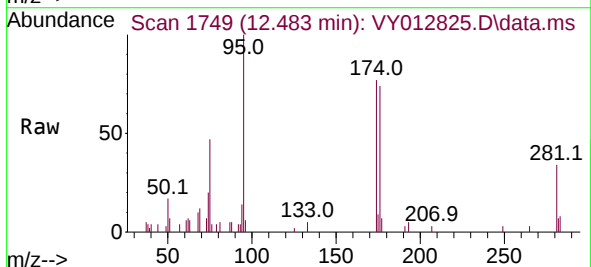
Tgt Ion: 95 Resp: 3789

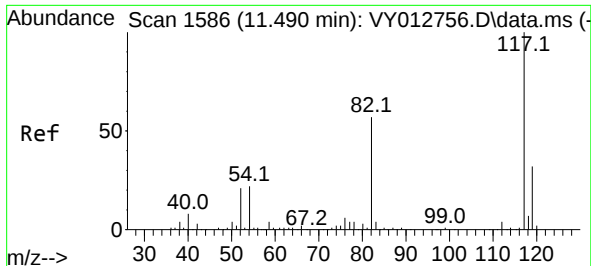
Ion Ratio Lower Upper

95 100

174 94.2 0.0 176.6

176 87.5 0.0 170.2

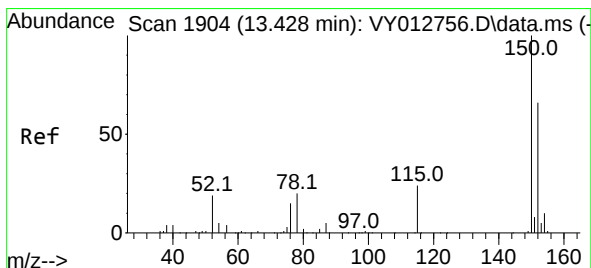
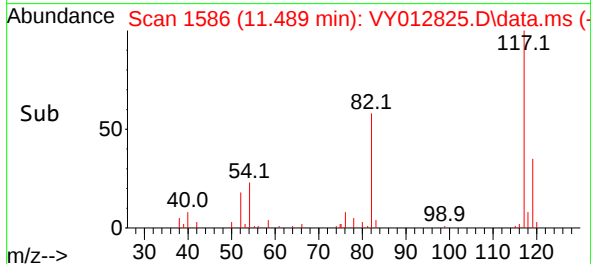
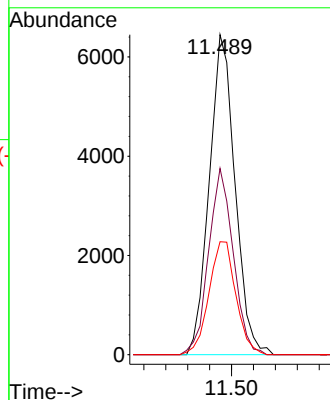
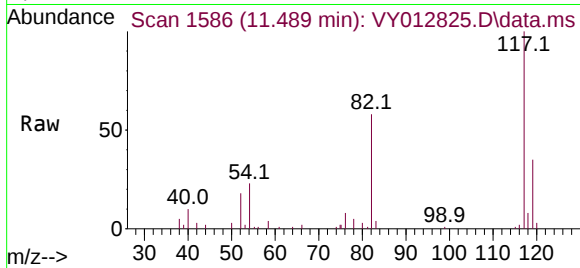




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012825.D
Acq: 06 Mar 2023 15:50

Instrument :
MSVOA_Y
ClientSampleId :
T5-1

Tgt Ion:117	Resp:	10508
Ion	Ratio	Lower Upper
117	100	
82	58.2	45.4 68.0
119	35.3	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012825.D
Acq: 06 Mar 2023 15:50

Tgt Ion:152	Resp:	3321
Ion	Ratio	Lower Upper
152	100	
115	56.4	27.1 81.3
150	147.8	0.0 347.8

