

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012824.D
 Acq On : 06 Mar 2023 15:28
 Operator : KP/MD
 Sample : 01820-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-03032023

Quant Time: Mar 07 04:24:57 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	27016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19915	74.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.480%
35) Dibromofluoromethane	7.716	113	19467	78.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	156.660%#
50) Toluene-d8	10.179	98	53827	59.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.480%
62) 4-Bromofluorobenzene	12.483	95	15554	50.720	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.440%

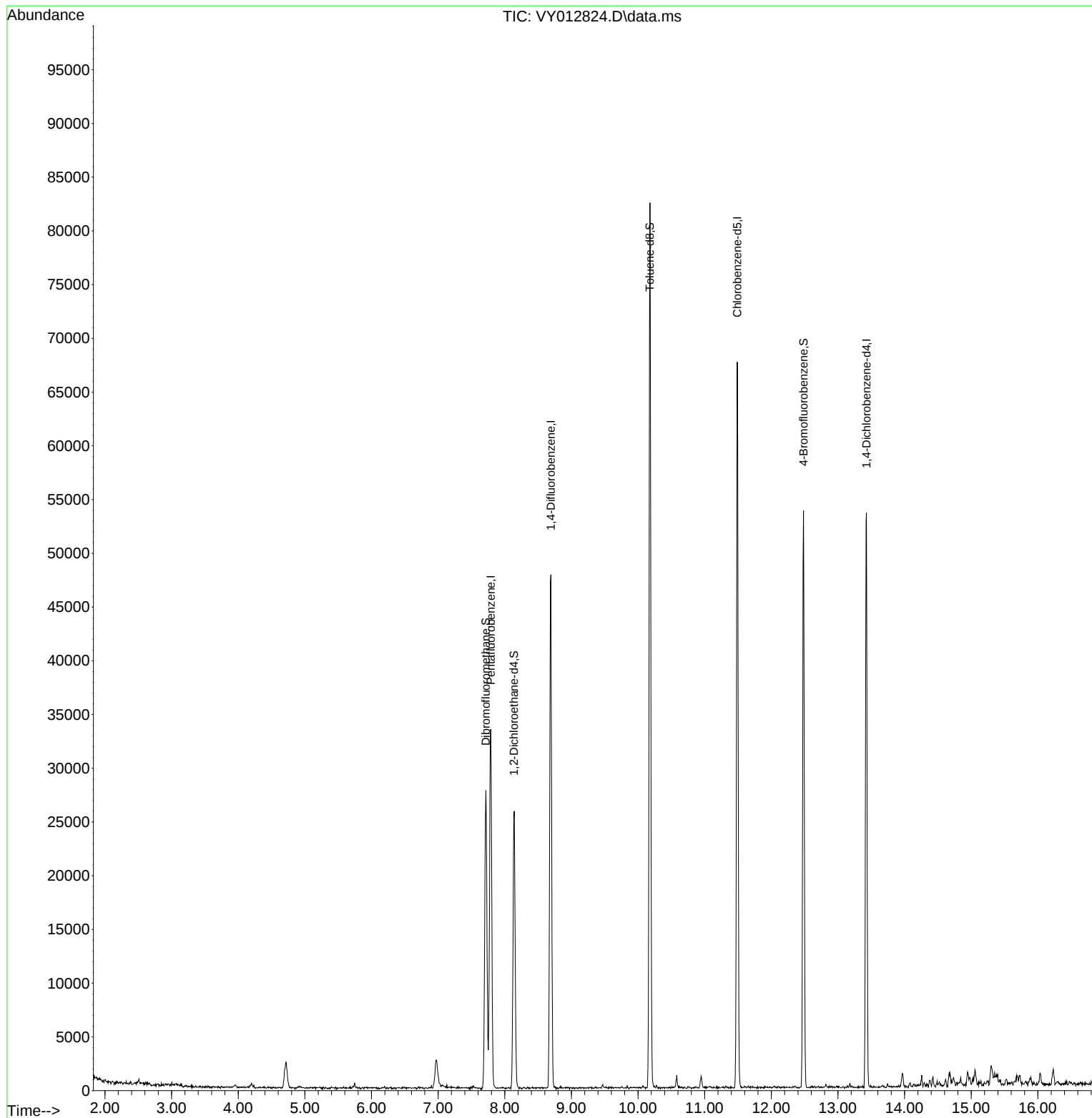
Target Compounds	Qvalue

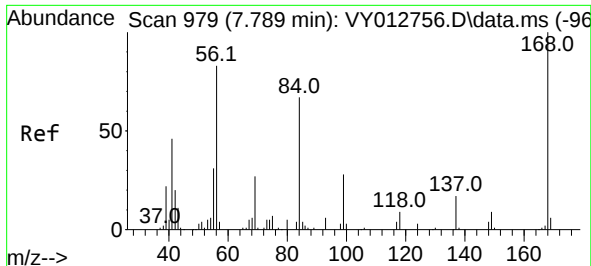
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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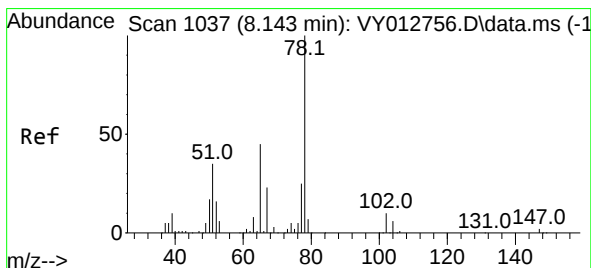
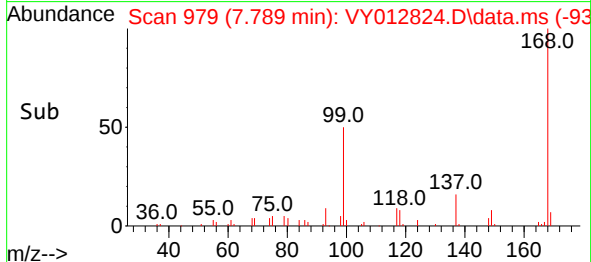
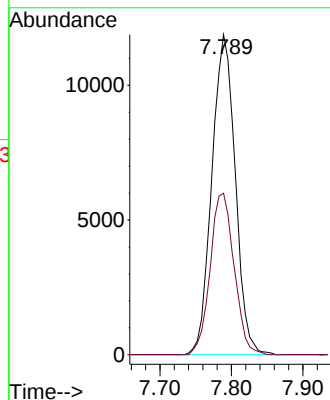
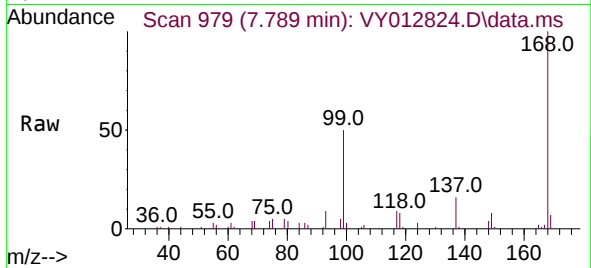




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

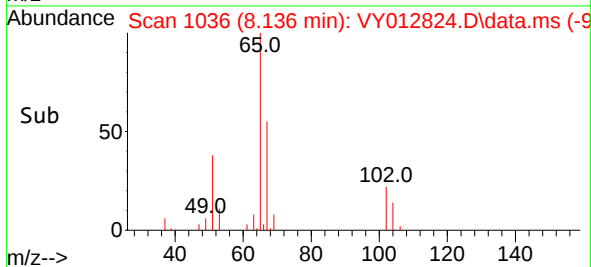
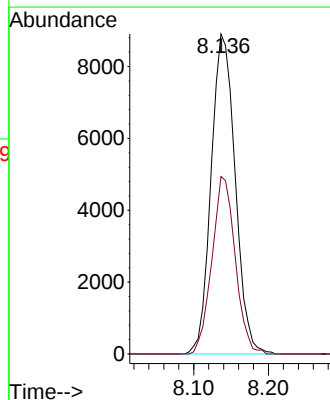
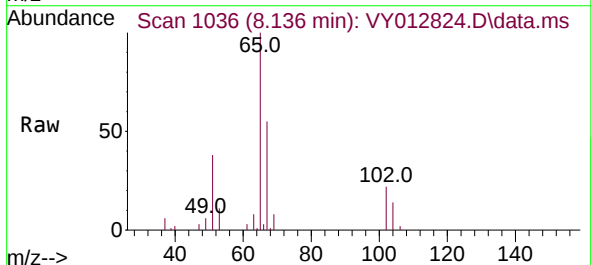
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

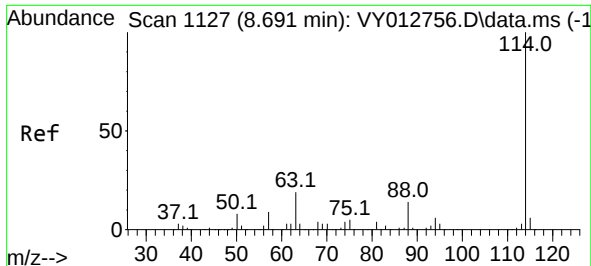
Tgt Ion:168 Resp: 27016
Ion Ratio Lower Upper
168 100
99 50.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 74.245 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 65 Resp: 19915
Ion Ratio Lower Upper
65 100
67 53.8 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: VY012824.D

Acq: 06 Mar 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

HR-4-03032023

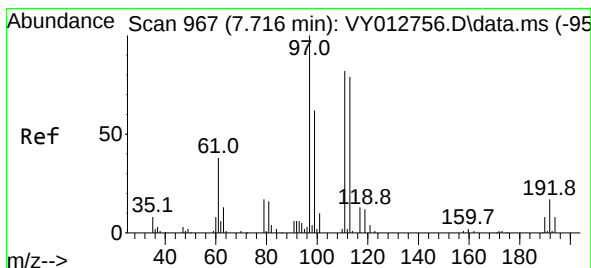
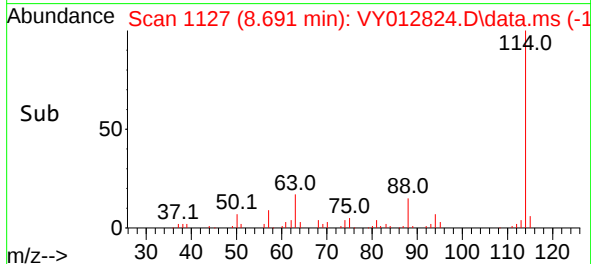
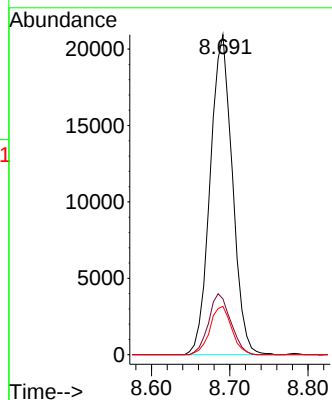
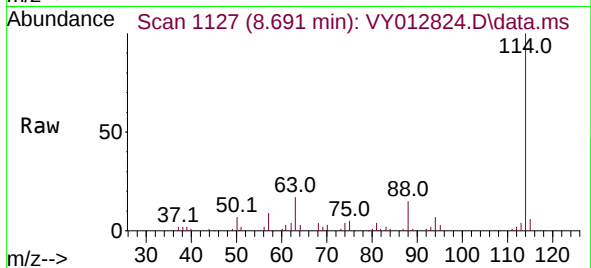
Tgt Ion:114 Resp: 41181

Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.4

88 15.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 78.330 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012824.D

Acq: 06 Mar 2023 15:28

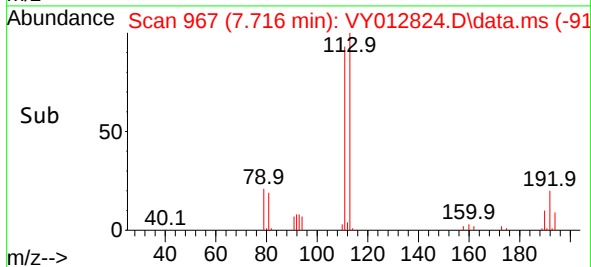
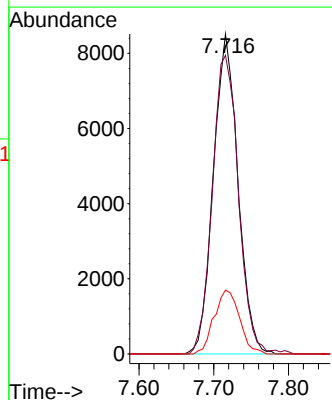
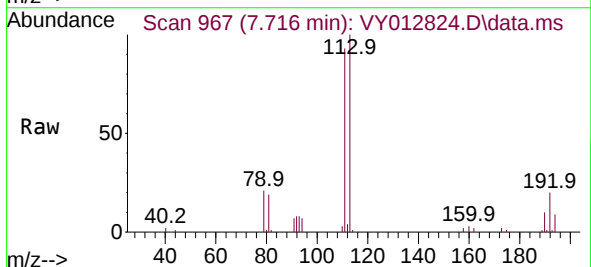
Tgt Ion:113 Resp: 19467

Ion Ratio Lower Upper

113 100

111 99.2 82.2 123.2

192 20.7 16.8 25.2

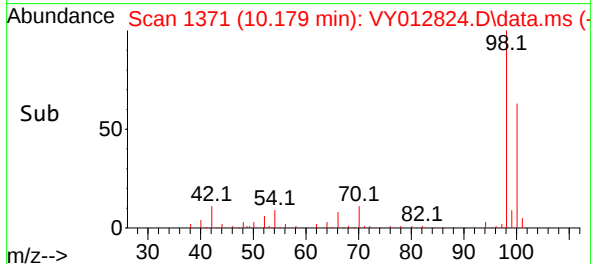
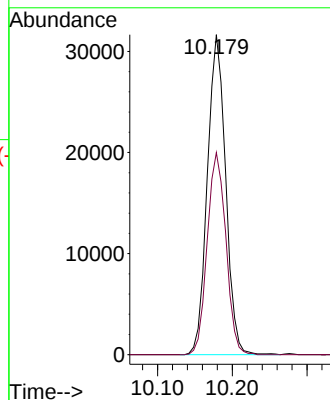
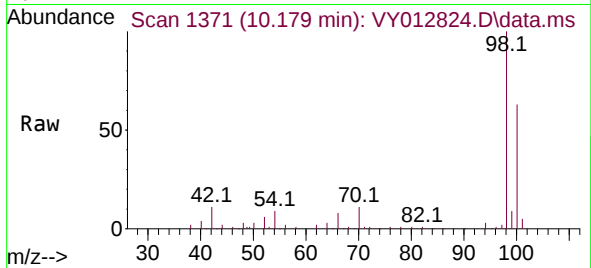




#50
Toluene-d8
Concen: 59.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

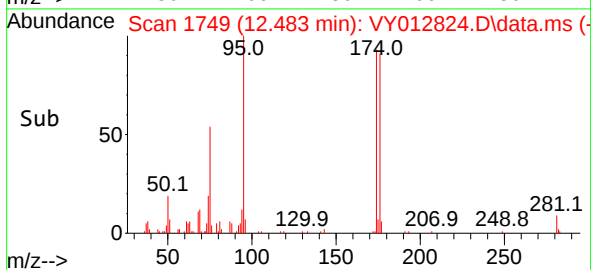
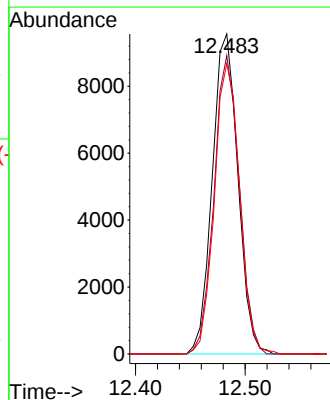
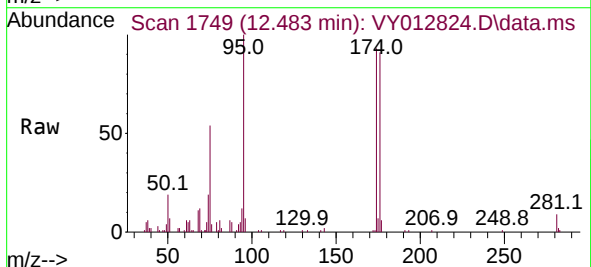
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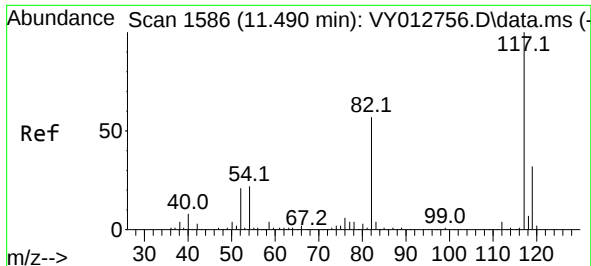
Tgt Ion: 98 Resp: 53827
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion: 95 Resp: 15554
Ion Ratio Lower Upper
95 100
174 91.8 0.0 176.6
176 89.5 0.0 170.2

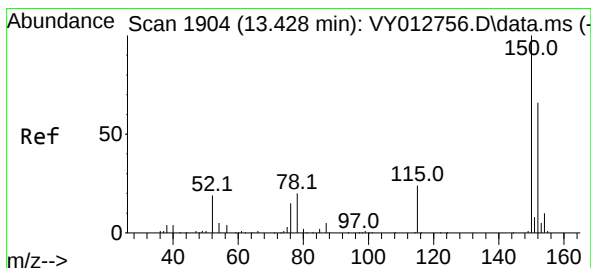
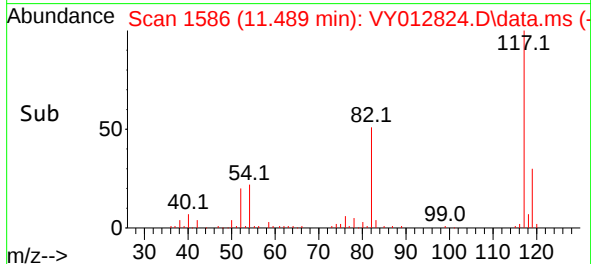
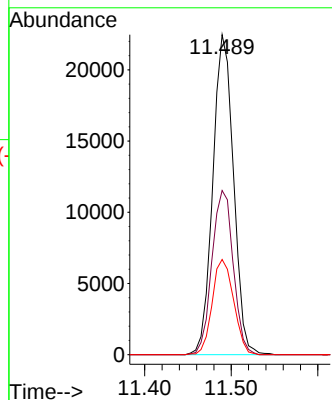
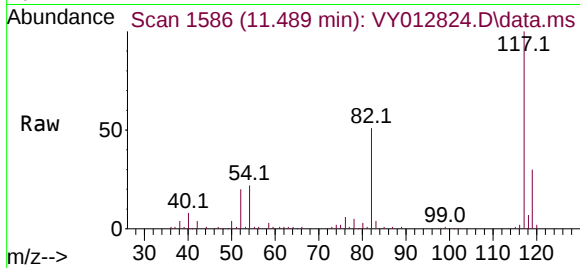




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012824.D
Acq: 06 Mar 2023 15:28

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

Tgt Ion:117 Resp: 37283
Ion Ratio Lower Upper
117 100
82 51.3 45.4 68.0
119 29.7 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: VY012824.D
Acq: 06 Mar 2023 15:28

Tgt Ion:152 Resp: 14524
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 158.6 0.0 347.8

