

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013059.D
 Acq On : 23 Mar 2023 13:58
 Operator : KP/MD
 Sample : 02033-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-032123

Quant Time: Mar 24 05:03:17 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	879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	1594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	330	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1055	120.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	241.760%#
35) Dibromofluoromethane	7.716	113	543	56.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.900%
50) Toluene-d8	10.179	98	1839	52.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.477	95	454	38.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.500%

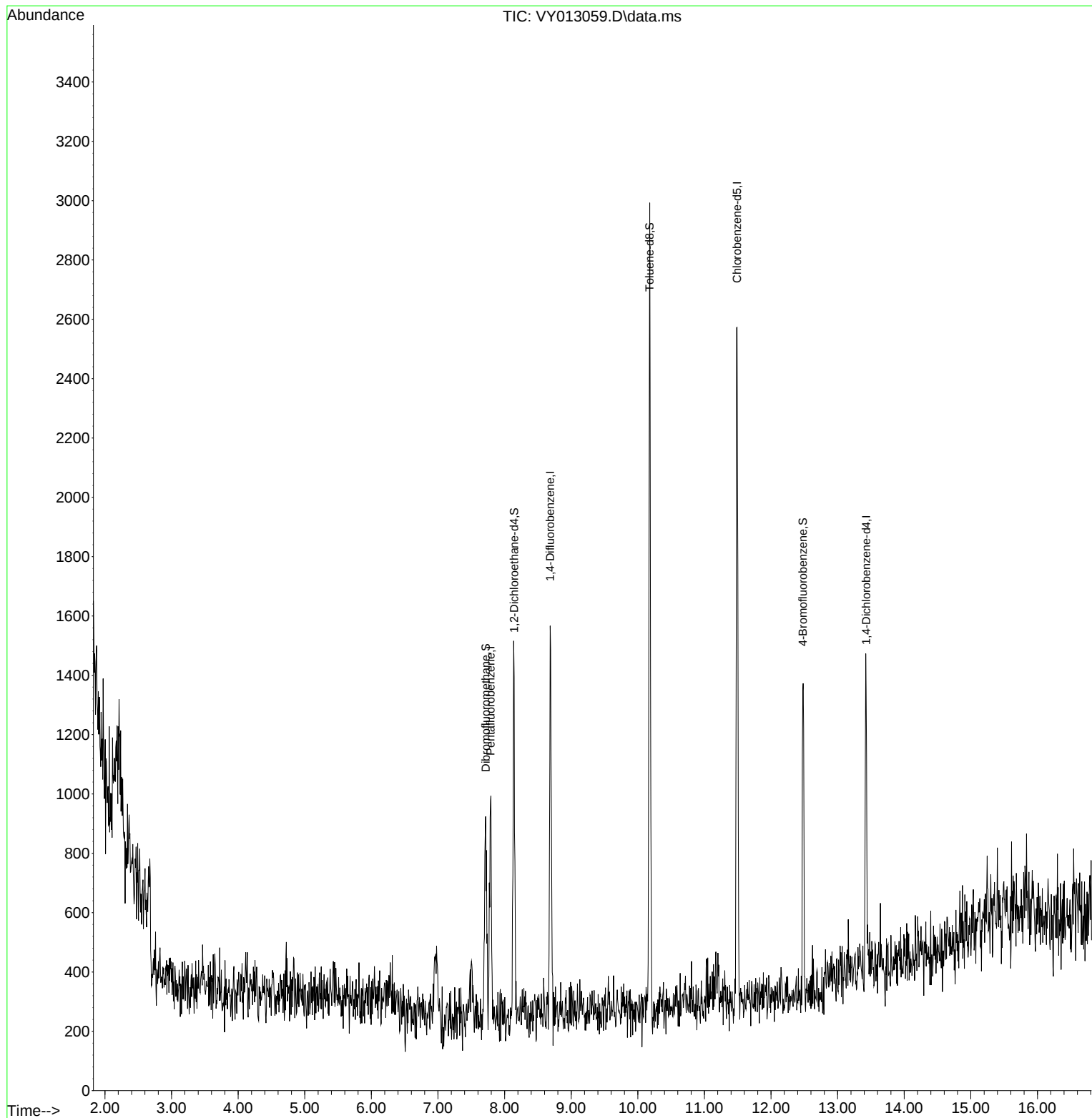
Target Compounds	Qvalue

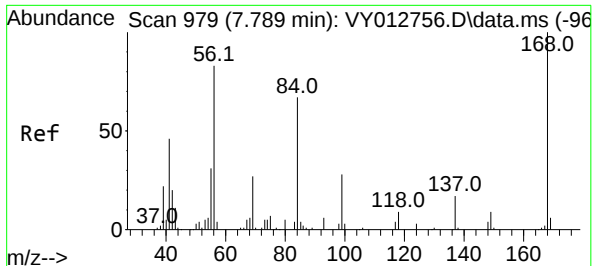
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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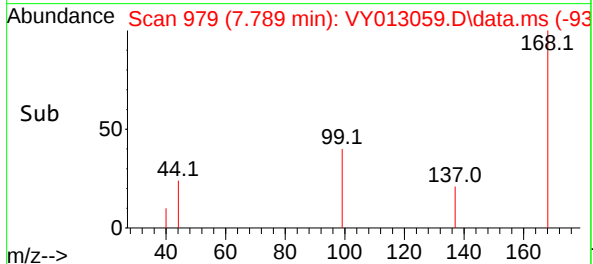
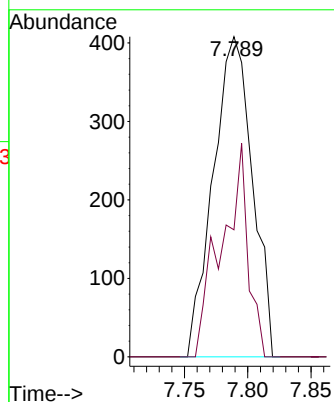
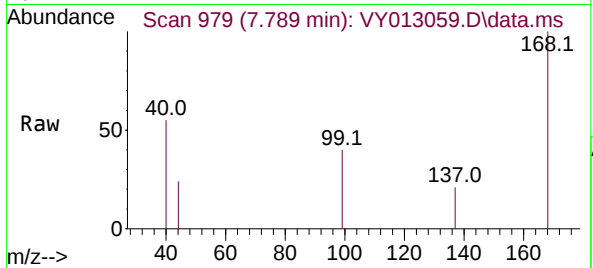




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013059.D
Acq: 23 Mar 2023 13:58

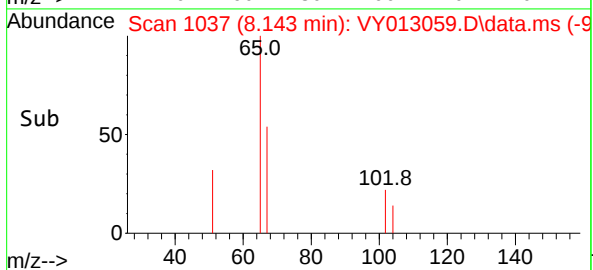
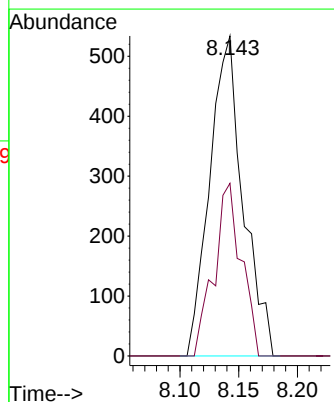
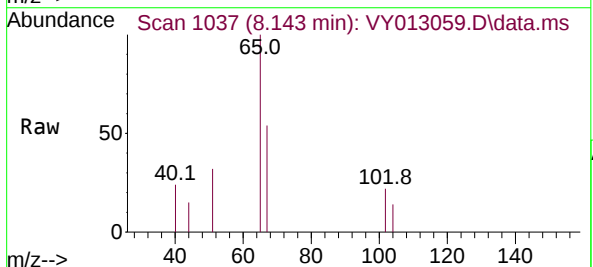
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-032123

Tgt Ion:168 Resp: 879
Ion Ratio Lower Upper
168 100
99 39.7 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 120.885 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013059.D
Acq: 23 Mar 2023 13:58

Tgt Ion: 65 Resp: 1055
Ion Ratio Lower Upper
65 100
67 44.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013059.D

Acq: 23 Mar 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-032123

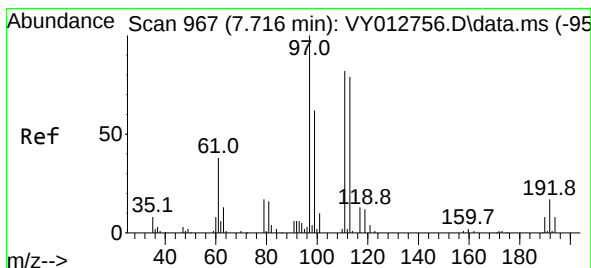
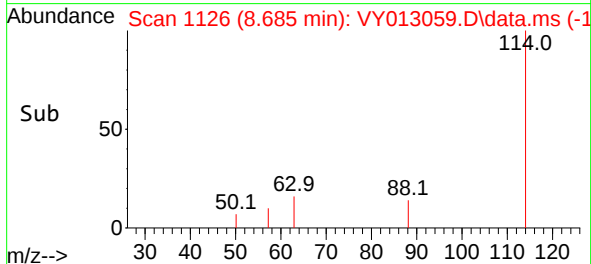
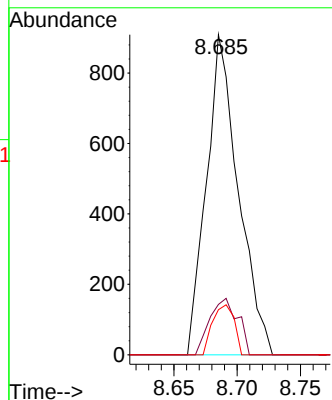
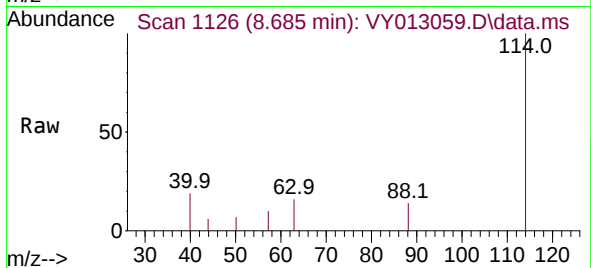
Tgt Ion:114 Resp: 1594

Ion Ratio Lower Upper

114 100

63 15.7 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.446 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013059.D

Acq: 23 Mar 2023 13:58

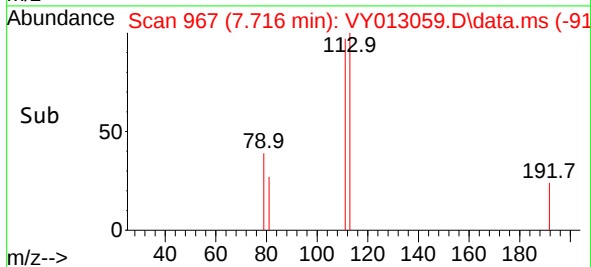
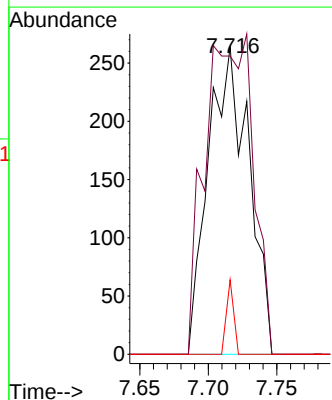
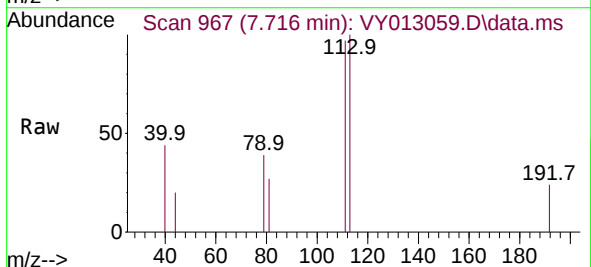
Tgt Ion:113 Resp: 543

Ion Ratio Lower Upper

113 100

111 122.5 82.2 123.2

192 4.2 16.8 25.2#





#50

Toluene-d8

Concen: 52.292 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013059.D

Acq: 23 Mar 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

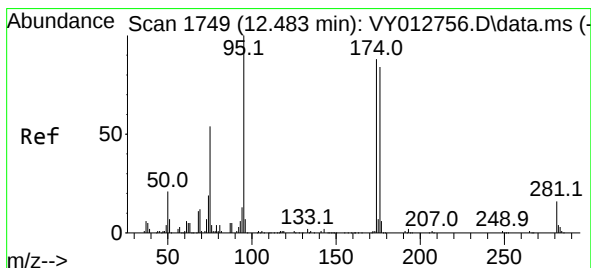
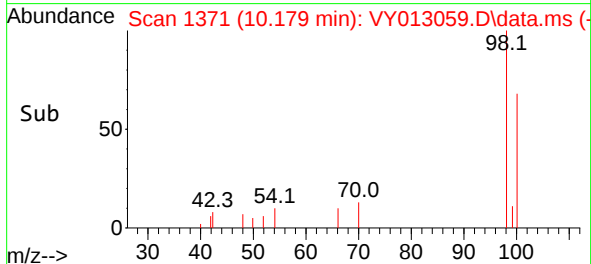
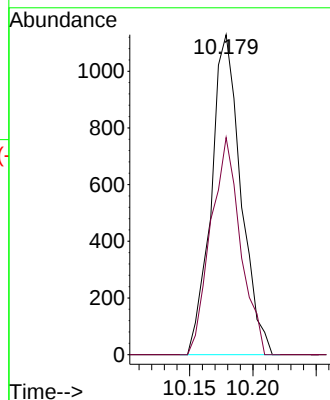
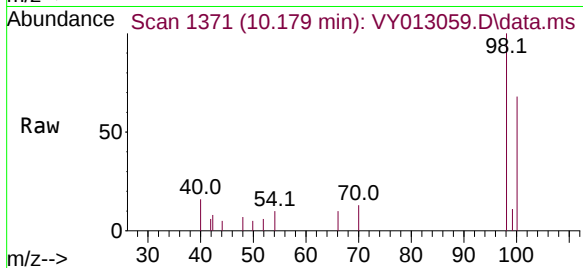
EO-1-032123

Tgt Ion: 98 Resp: 1839

Ion Ratio Lower Upper

98 100

100 68.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 38.248 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013059.D

Acq: 23 Mar 2023 13:58

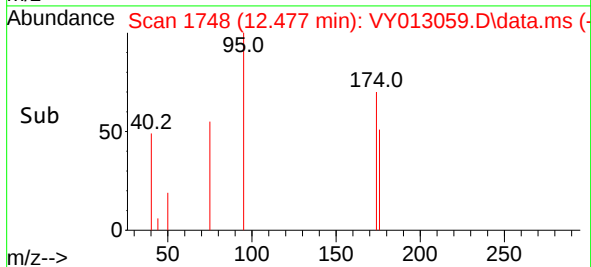
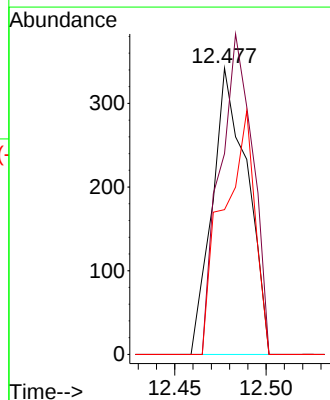
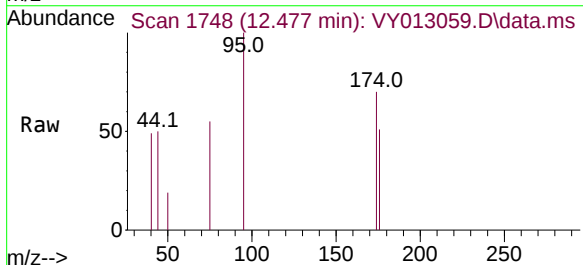
Tgt Ion: 95 Resp: 454

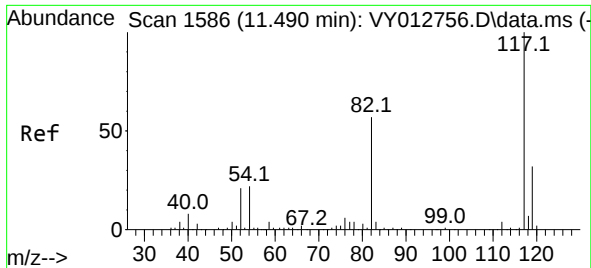
Ion Ratio Lower Upper

95 100

174 105.1 0.0 176.6

176 77.3 0.0 170.2

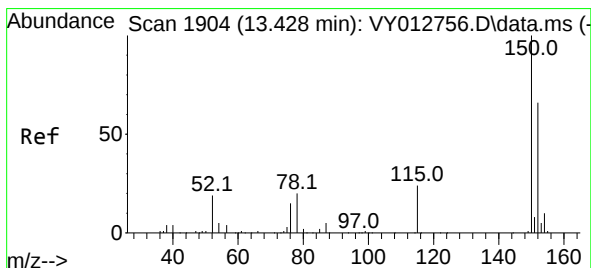
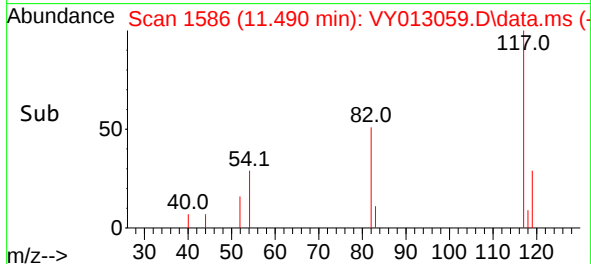
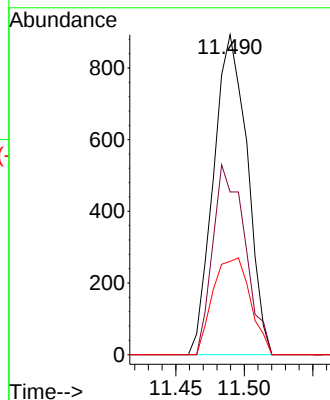
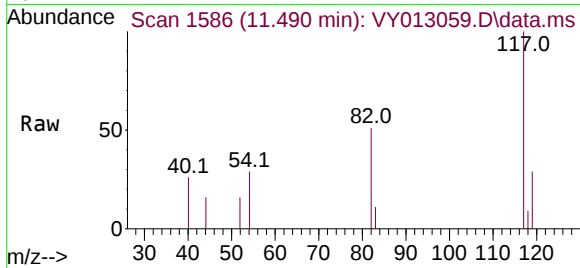




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013059.D
Acq: 23 Mar 2023 13:58

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-032123

Tgt Ion:117	Resp:	1528
Ion	Ratio	Lower Upper
117	100	
82	50.8	45.4 68.0
119	29.1	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: VY013059.D
Acq: 23 Mar 2023 13:58

Tgt Ion:152	Resp:	330
Ion	Ratio	Lower Upper
152	100	
115	48.5	27.1 81.3
150	186.7	0.0 347.8

