

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015617.D
 Acq On : 18 Sep 2023 16:12
 Operator : SY/MD
 Sample : 04423-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-09132023RE

Quant Time: Sep 18 17:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	31600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	49220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	38767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15502	45.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.520%
35) Dibromofluoromethane	7.722	113	14908	52.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.179	98	55160	53.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.483	95	14608	38.328	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.660%

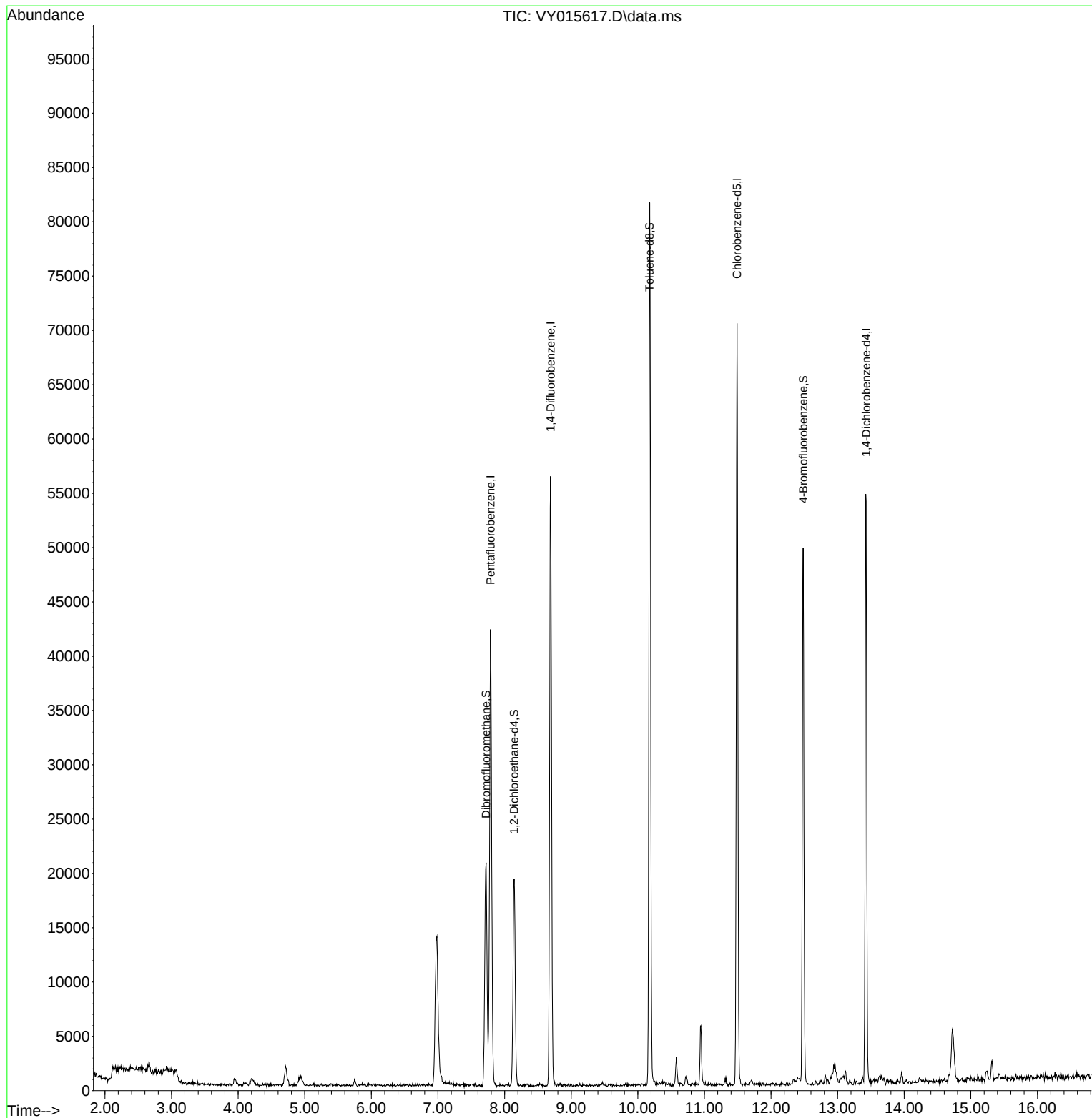
Target Compounds	Qvalue

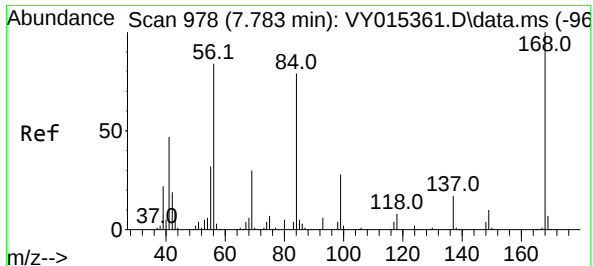
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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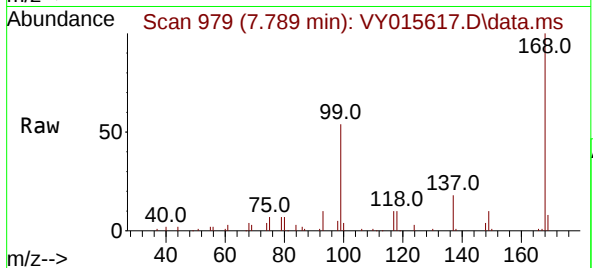
Quant Time: Sep 18 17:33:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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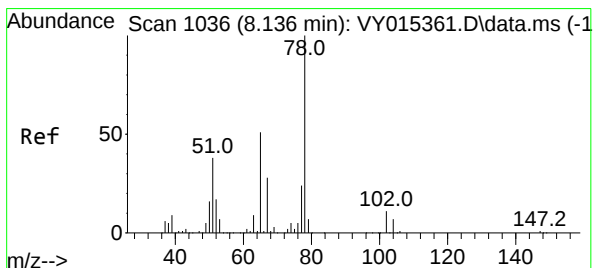
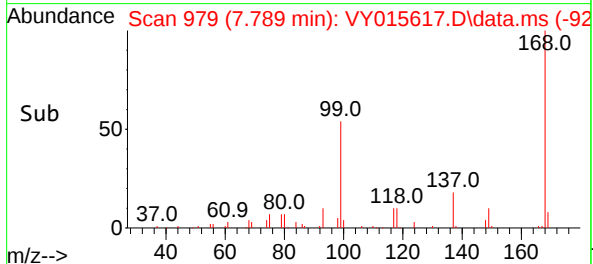
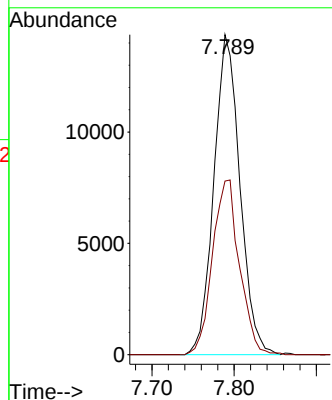


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015617.D
Acq: 18 Sep 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-09132023RE

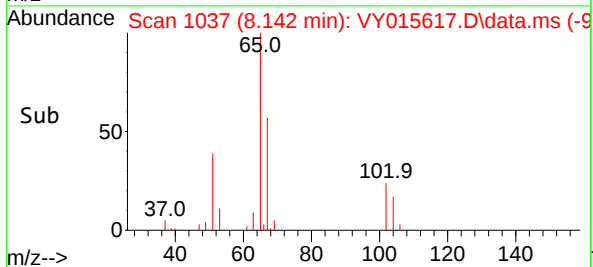
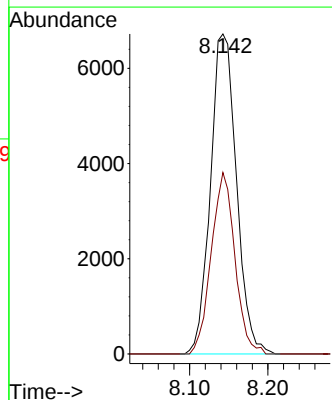
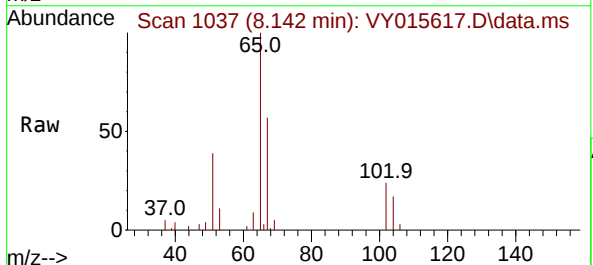


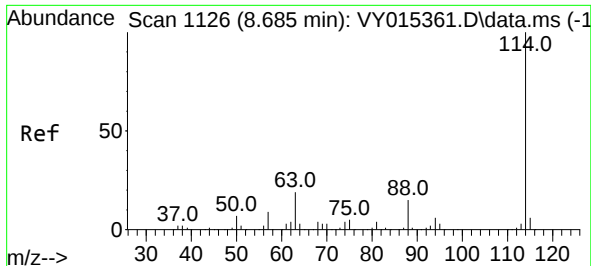
Tgt Ion:168 Resp: 31600
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 45.763 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015617.D
Acq: 18 Sep 2023 16:12

Tgt Ion: 65 Resp: 15502
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015617.D

Acq: 18 Sep 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-09132023RE

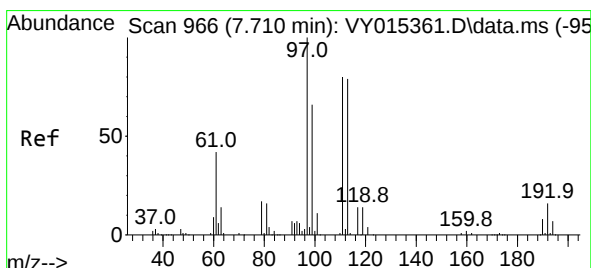
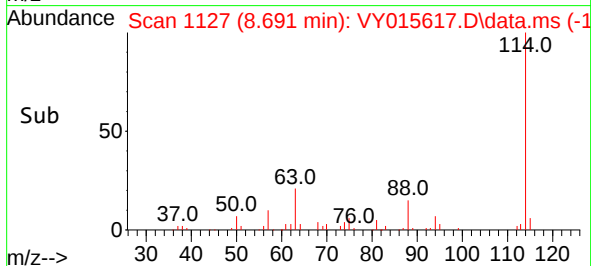
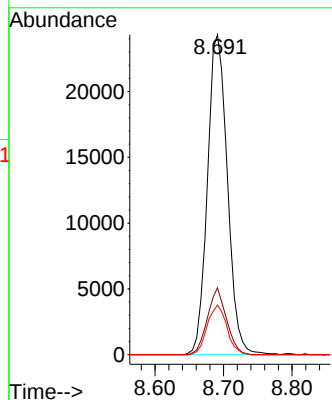
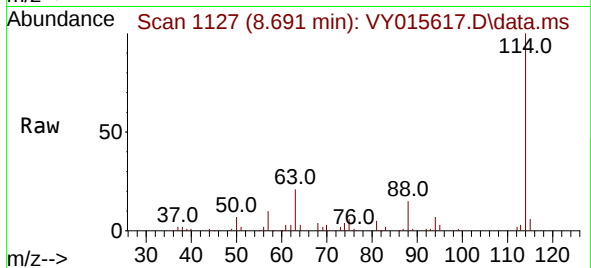
Tgt Ion:114 Resp: 49220

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.586 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015617.D

Acq: 18 Sep 2023 16:12

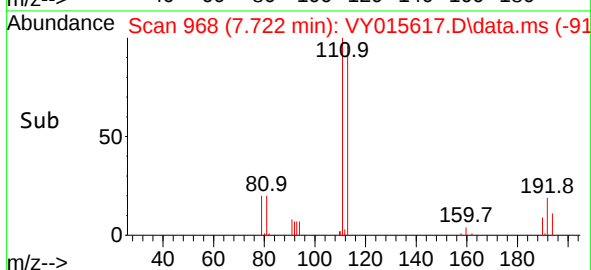
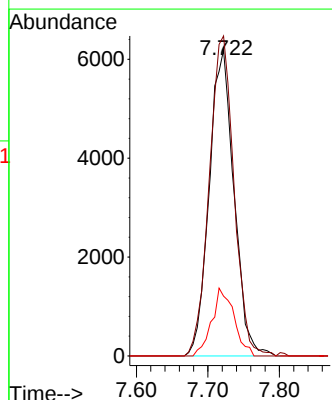
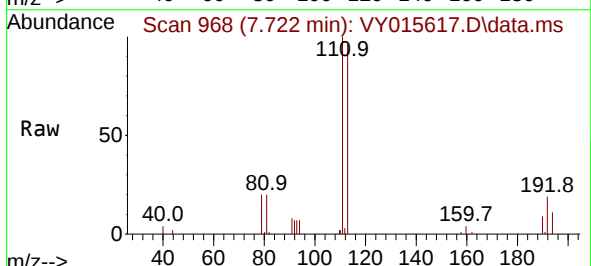
Tgt Ion:113 Resp: 14908

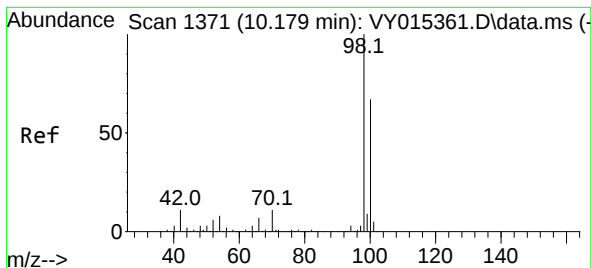
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 53.728 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015617.D

Acq: 18 Sep 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

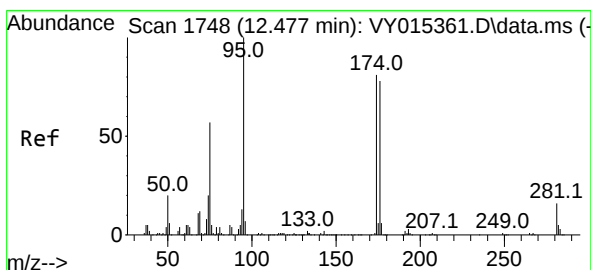
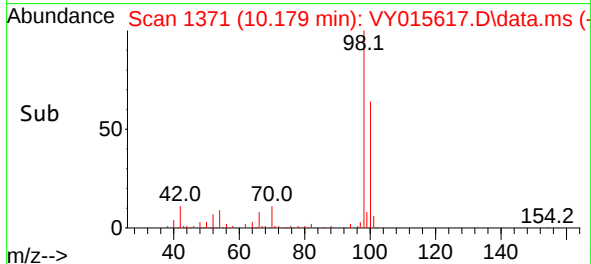
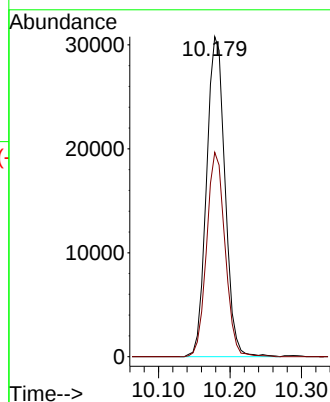
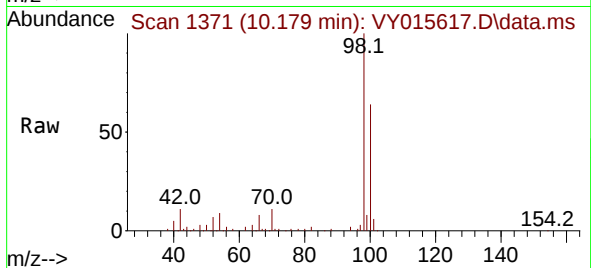
HD-01-09132023RE

Tgt Ion: 98 Resp: 55160

Ion Ratio Lower Upper

98 100

100 63.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 38.328 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015617.D

Acq: 18 Sep 2023 16:12

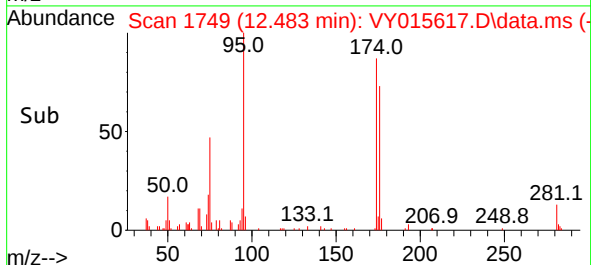
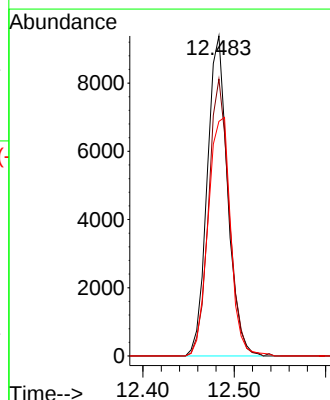
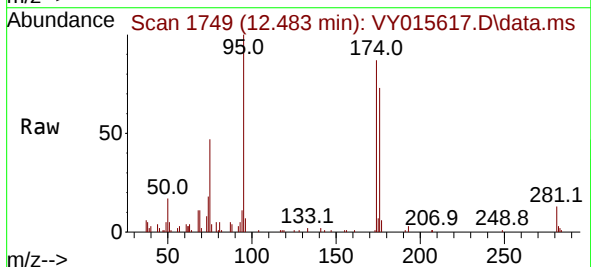
Tgt Ion: 95 Resp: 14608

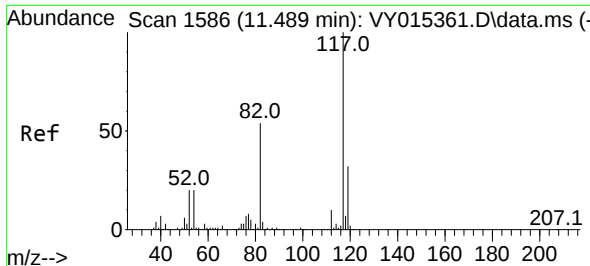
Ion Ratio Lower Upper

95 100

174 86.6 0.0 178.2

176 82.0 0.0 173.8

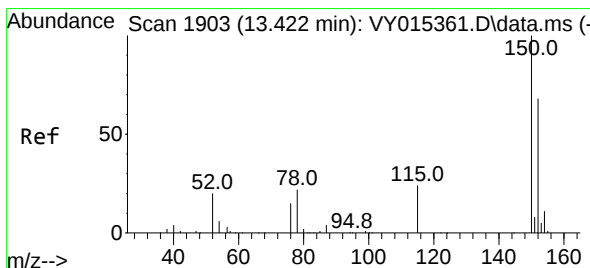
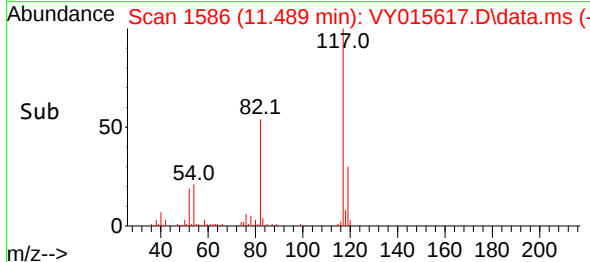
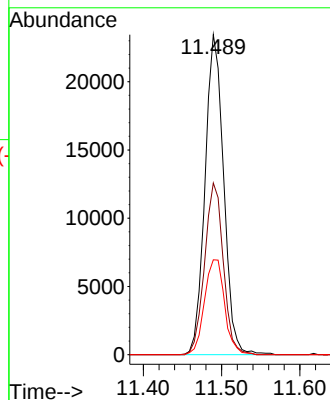
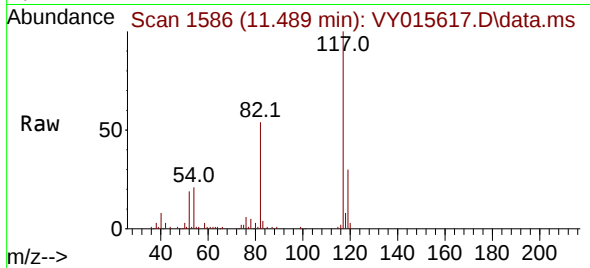




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015617.D
Acq: 18 Sep 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-09132023RE

Tgt Ion:	117	Resp:	38767
Ion Ratio	Lower	Upper	
117	100		
82	53.7	43.4	65.0
119	29.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015617.D
Acq: 18 Sep 2023 16:12

Tgt Ion:	152	Resp:	14321
Ion Ratio	Lower	Upper	
152	100		
115	57.6	28.8	86.5
150	157.3	0.0	348.8

