

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012968.D
 Acq On : 16 Mar 2023 14:06
 Operator : KP/MD
 Sample : 01932-01
 Misc : 8.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-86B-031423

Quant Time: Mar 17 01:35:31 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	89615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60406	67.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.780%
35) Dibromofluoromethane	7.716	113	52800	57.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.000%
50) Toluene-d8	10.179	98	187643	55.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.840%
62) 4-Bromofluorobenzene	12.483	95	62048	54.290	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.580%

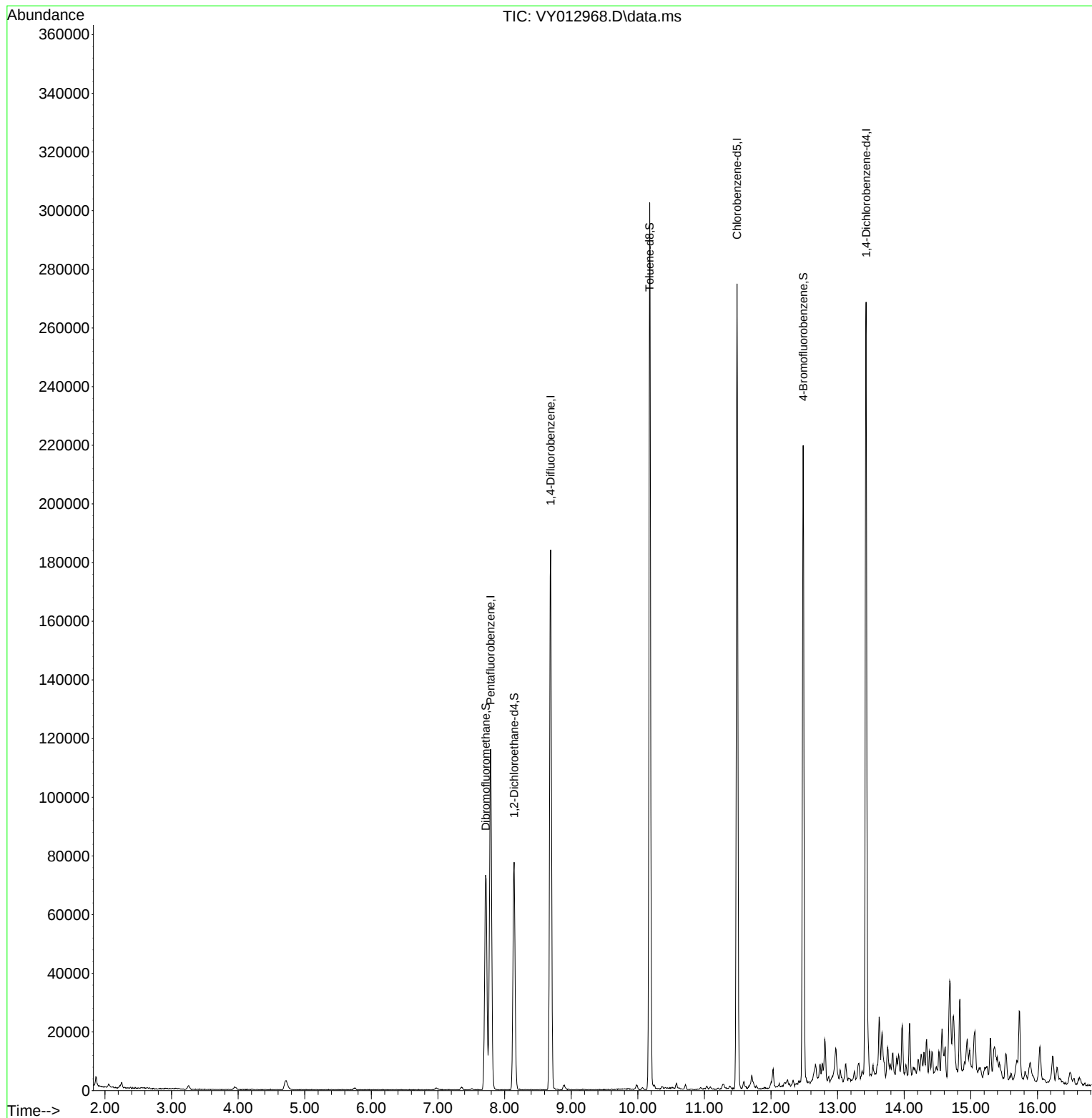
Target Compounds	Qvalue

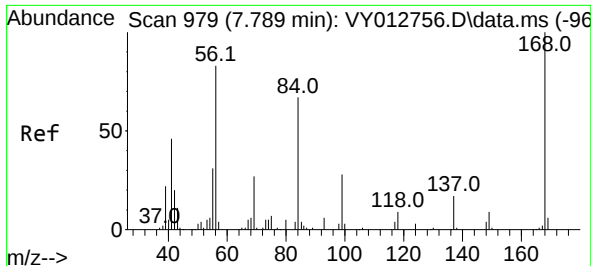
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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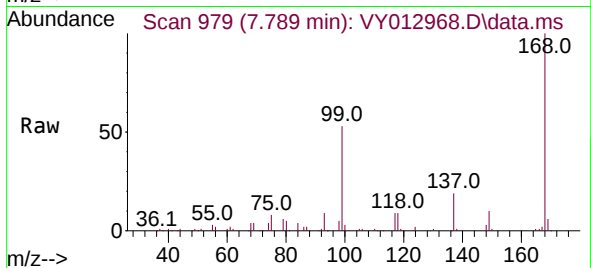
Quant Time: Mar 17 01:35:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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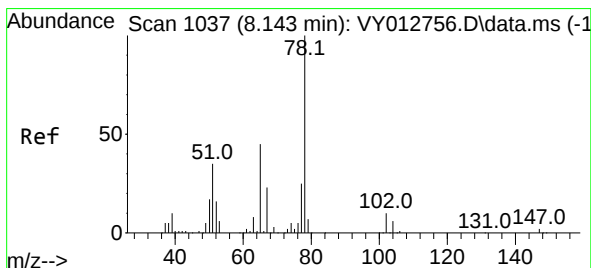
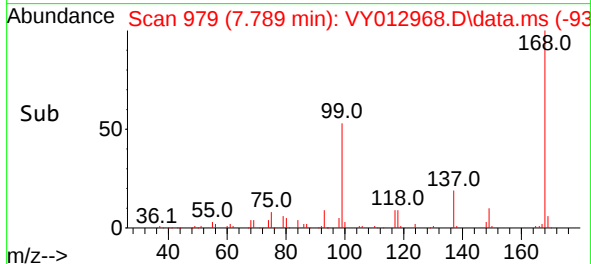
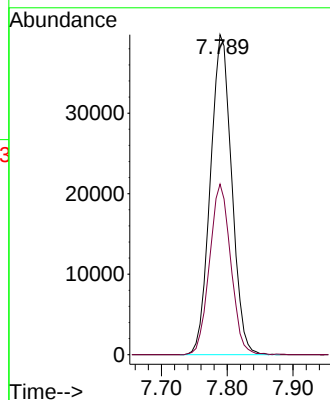


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
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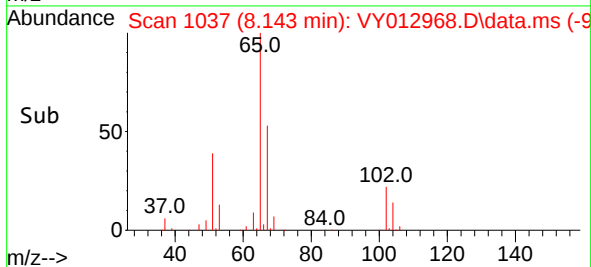
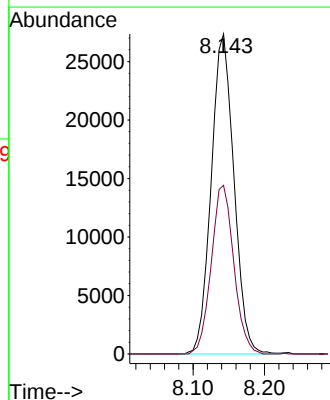
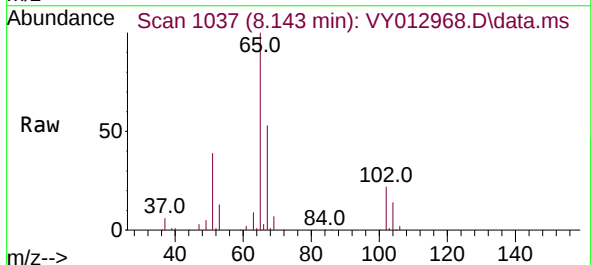


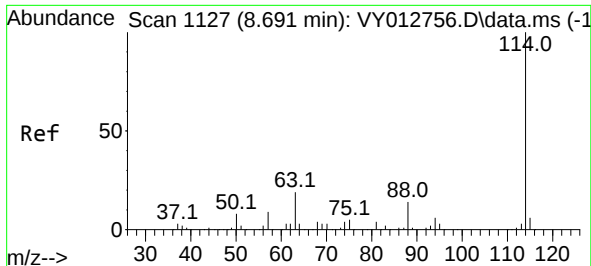
Tgt Ion:168 Resp: 89615
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.890 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion: 65 Resp: 60406
Ion Ratio Lower Upper
65 100
67 52.2 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: VY012968.D

Acq: 16 Mar 2023 14:06

Instrument :

MSVOA_Y

ClientSampleId :

CE-86B-031423

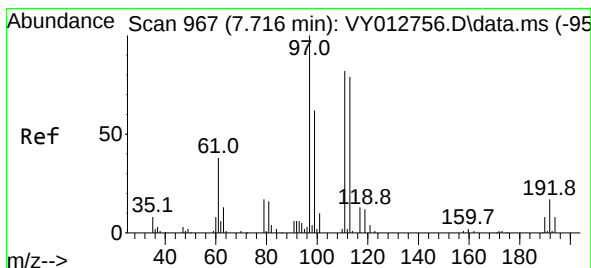
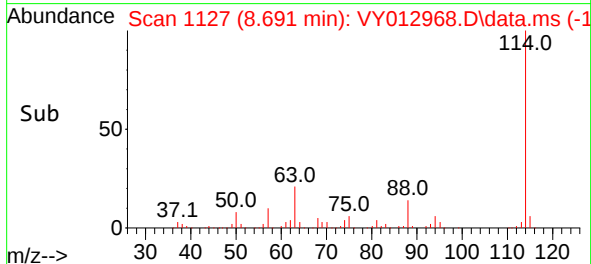
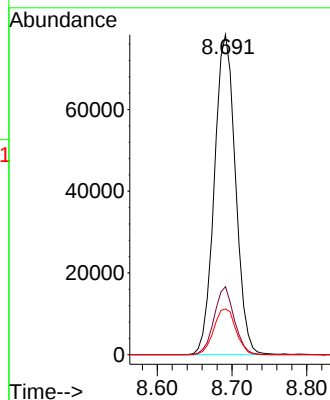
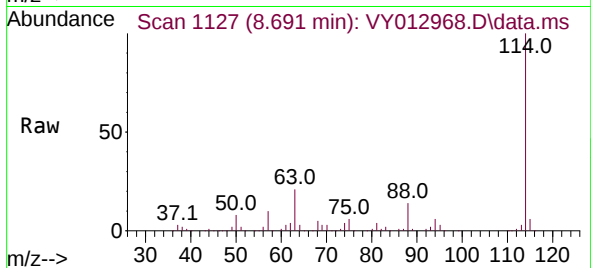
Tgt Ion:114 Resp: 153478

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.005 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012968.D

Acq: 16 Mar 2023 14:06

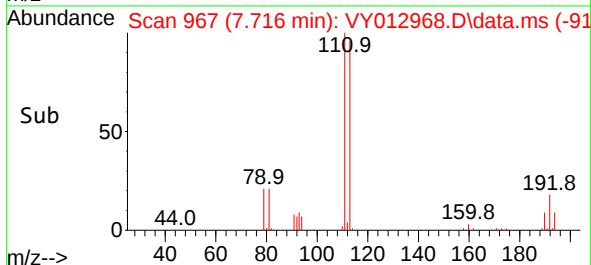
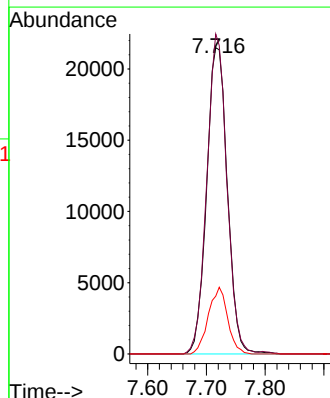
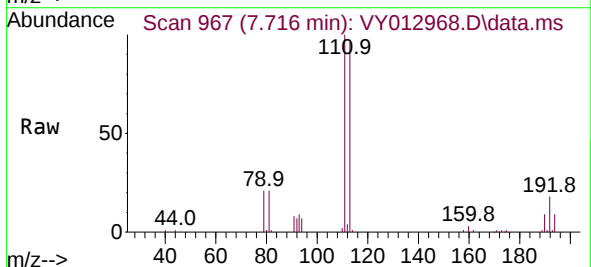
Tgt Ion:113 Resp: 52800

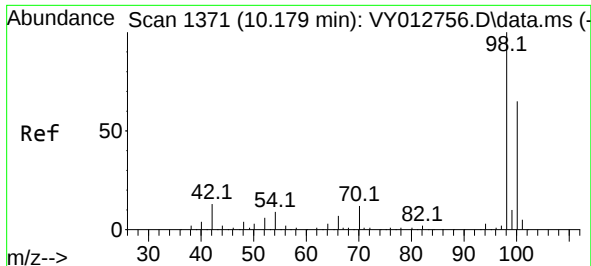
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

192 20.2 16.8 25.2

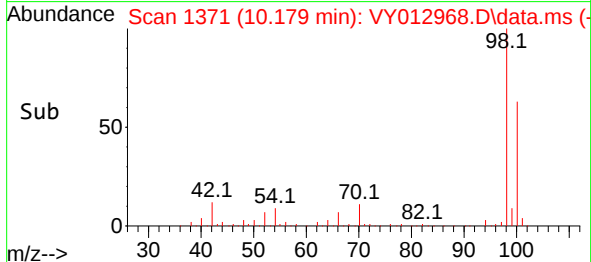
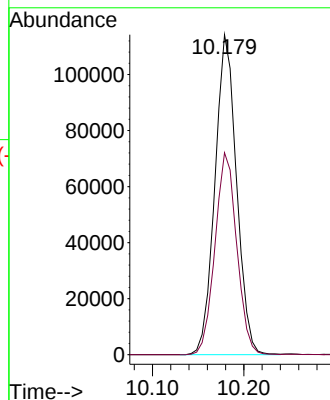
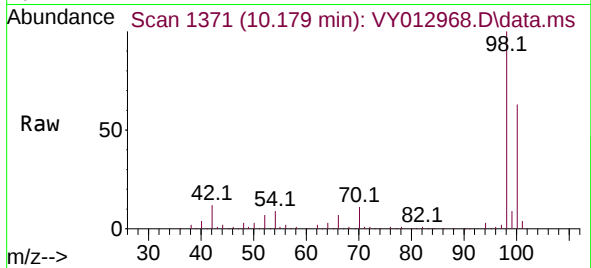




#50
Toluene-d8
Concen: 55.415 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

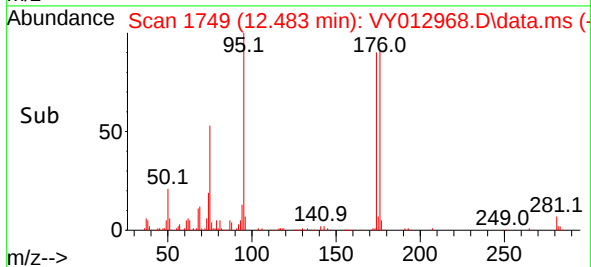
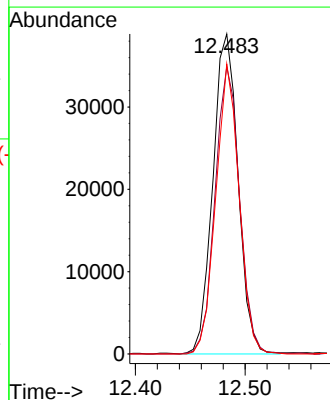
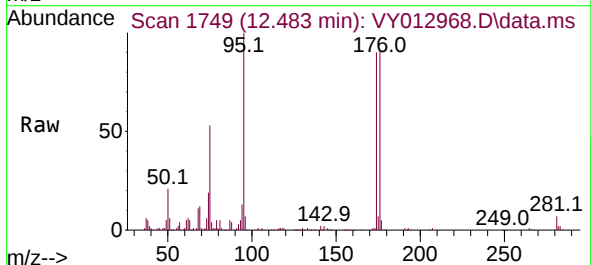
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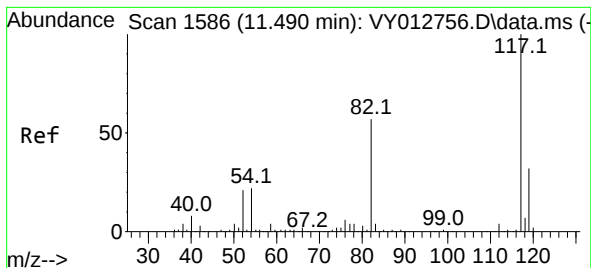
Tgt Ion: 98 Resp: 187643
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.290 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion: 95 Resp: 62048
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 83.8 0.0 170.2

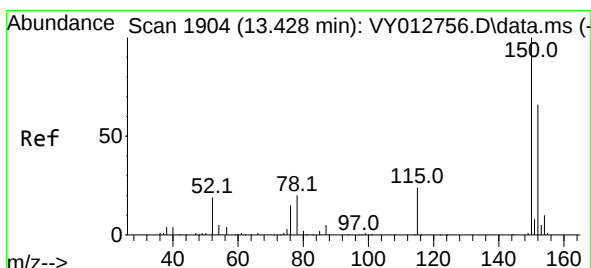
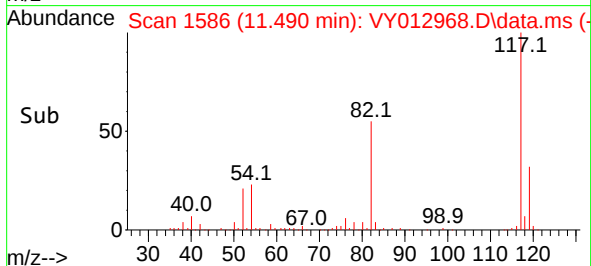
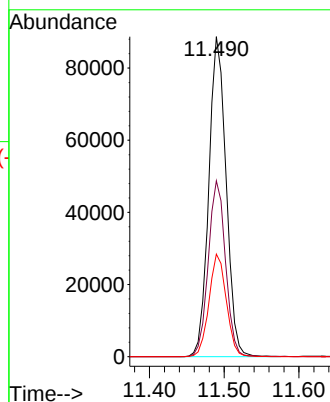
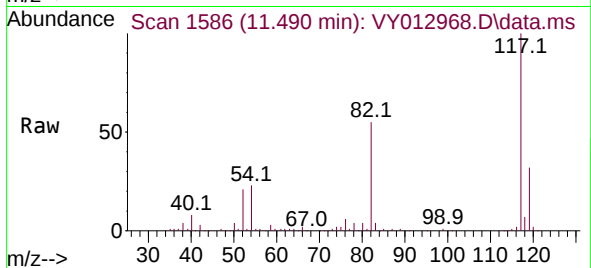




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012968.D
Acq: 16 Mar 2023 14:06

Instrument :
MSVOA_Y
ClientSampleId :
CE-86B-031423

Tgt Ion:117 Resp: 142490
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 32.1 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: VY012968.D
Acq: 16 Mar 2023 14:06

Tgt Ion:152 Resp: 67431
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 156.8 0.0 347.8

