

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012096.D
 Acq On : 06 Jan 2023 17:01
 Operator : KP/MD
 Sample : 01043-01
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-203

Quant Time: Jan 07 01:49:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	306950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112429	55.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	95054	47.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.220%
50) Toluene-d8	10.179	98	371808	46.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.380%
62) 4-Bromofluorobenzene	12.483	95	123923	44.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.040%

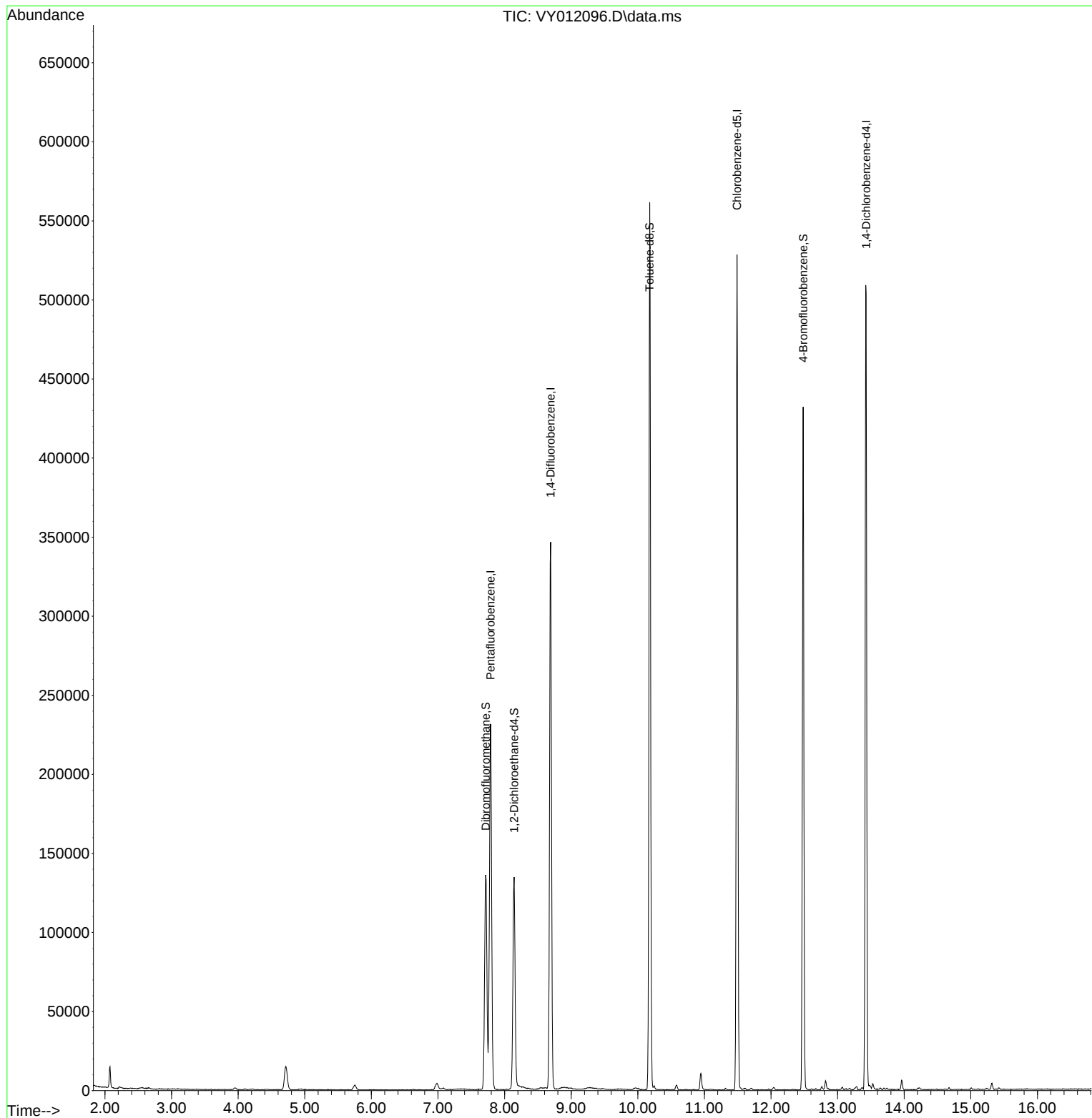
Target Compounds	Qvalue

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

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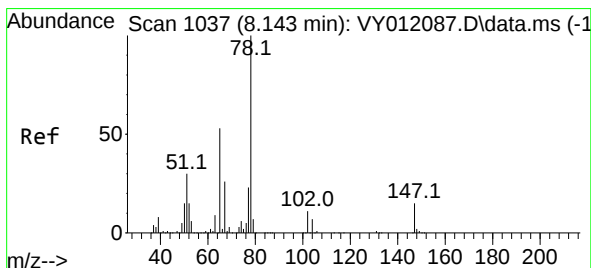
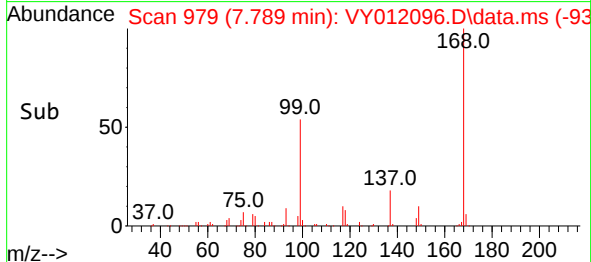
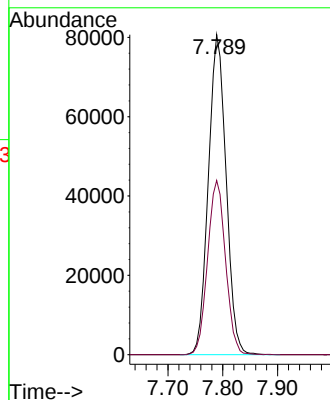
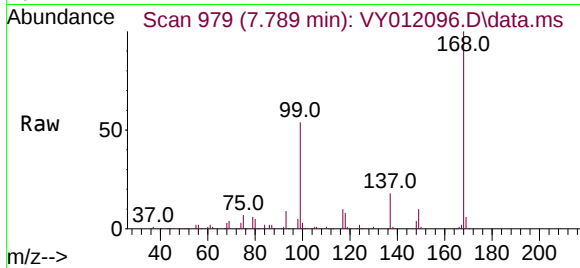




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012096.D
Acq: 06 Jan 2023 17:01

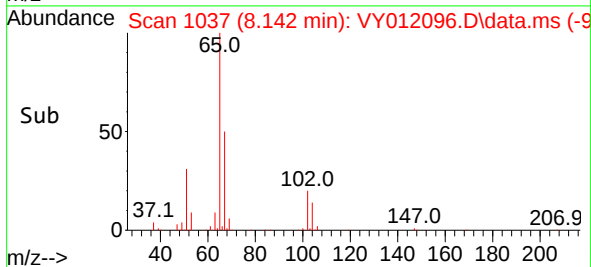
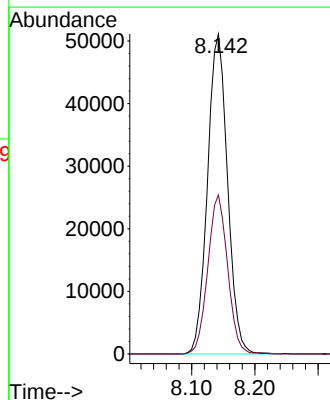
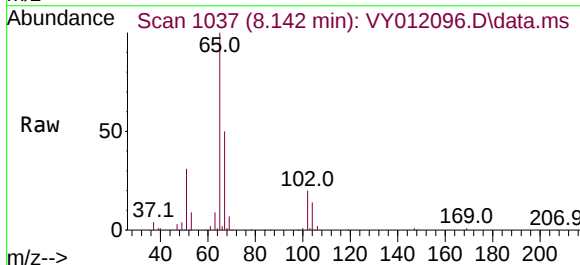
Instrument :
MSVOA_Y
ClientSampleId :
TP-203

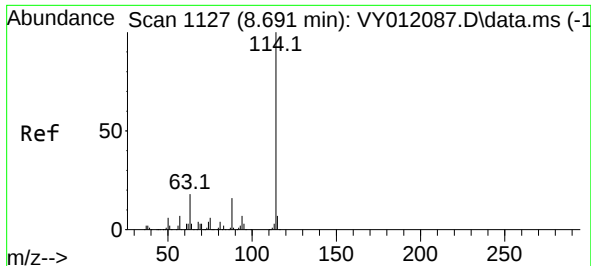
Tgt Ion:168 Resp: 180971
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 55.288 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012096.D
Acq: 06 Jan 2023 17:01

Tgt Ion: 65 Resp: 112429
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012096.D

Acq: 06 Jan 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

TP-203

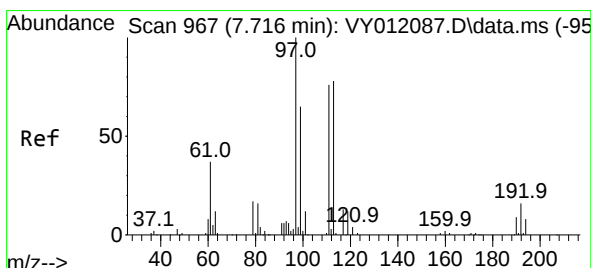
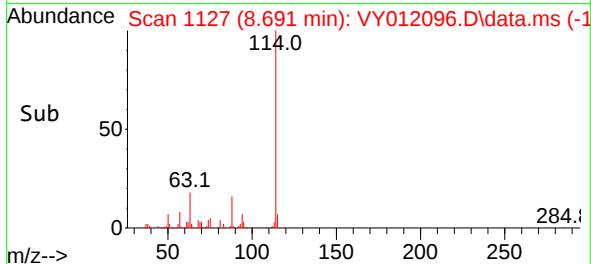
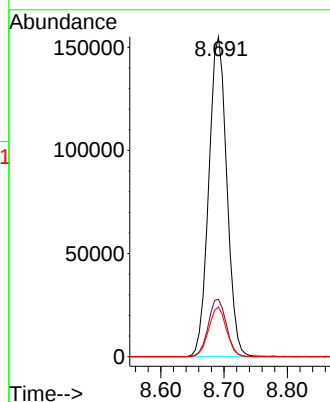
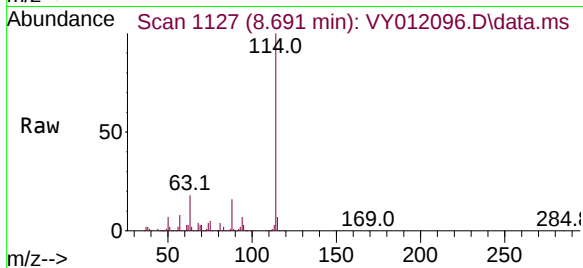
Tgt Ion:114 Resp: 306950

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.114 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012096.D

Acq: 06 Jan 2023 17:01

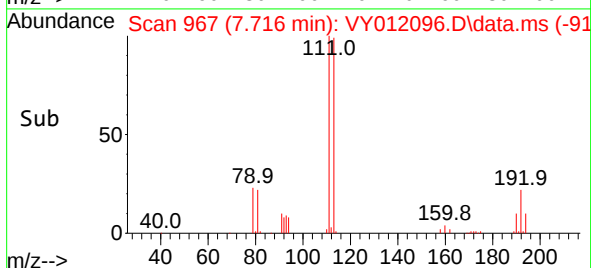
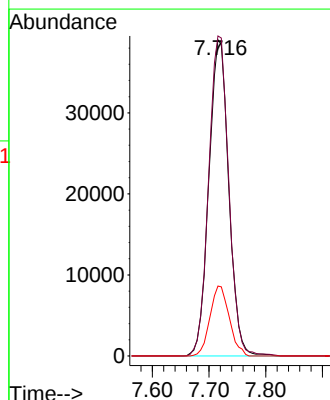
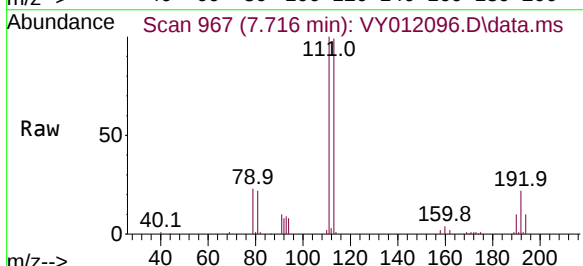
Tgt Ion:113 Resp: 95054

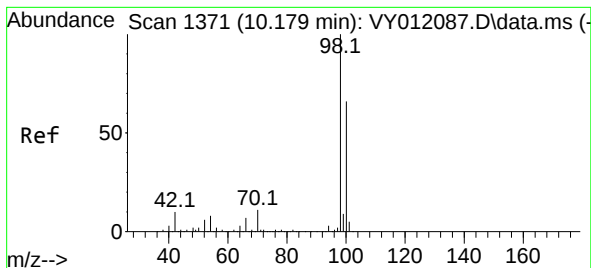
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 21.5 16.0 24.0

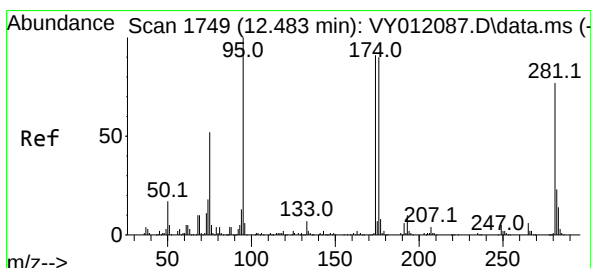
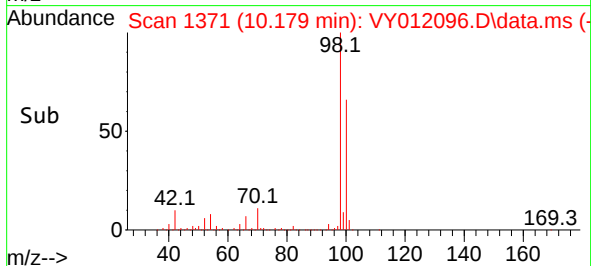
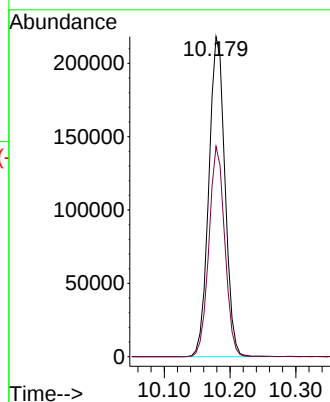
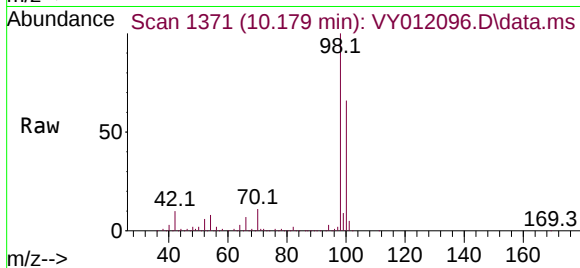




#50
Toluene-d8
Concen: 46.691 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012096.D
Acq: 06 Jan 2023 17:01

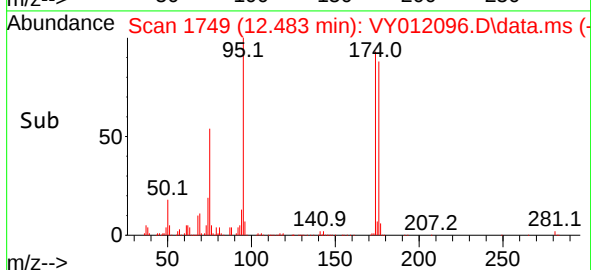
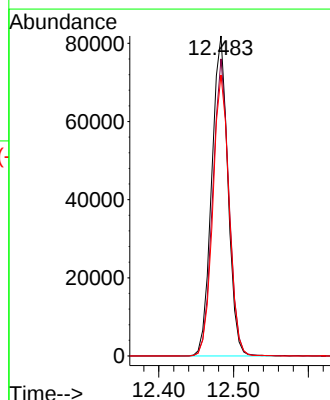
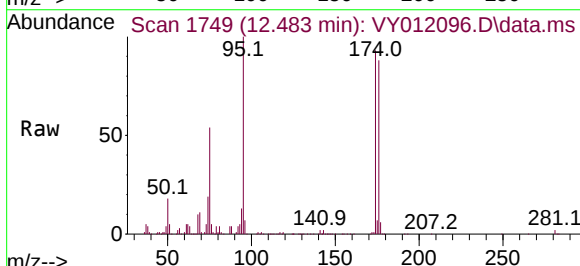
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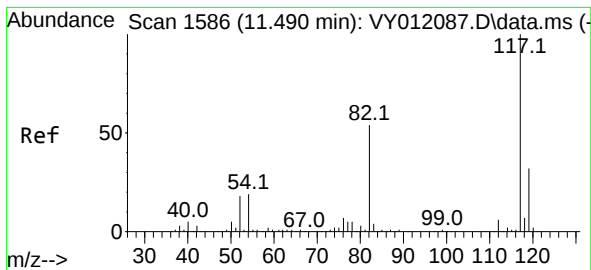
Tgt Ion: 98 Resp: 371808
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012096.D
Acq: 06 Jan 2023 17:01

Tgt Ion: 95 Resp: 123923
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 88.0 0.0 167.6

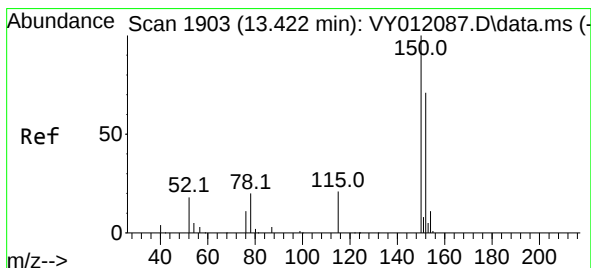
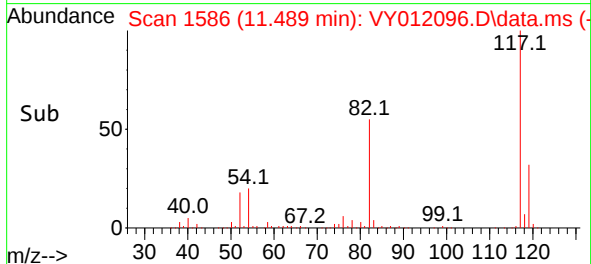
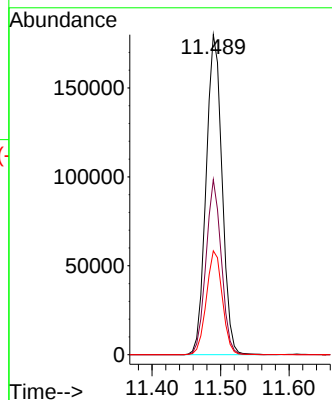
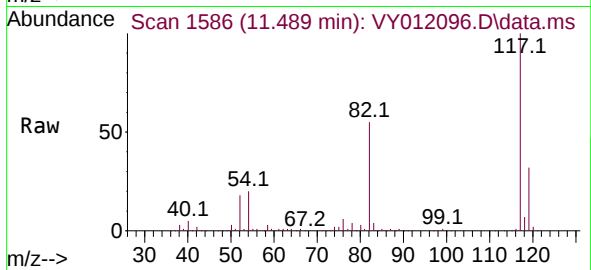




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012096.D
Acq: 06 Jan 2023 17:01

Instrument :
MSVOA_Y
ClientSampleId :
TP-203

Tgt Ion:117 Resp: 291615
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012096.D
Acq: 06 Jan 2023 17:01

Tgt Ion:152 Resp: 138470
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 158.0 0.0 342.6

