

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012206.D
 Acq On : 16 Jan 2023 17:55
 Operator : KP/MD
 Sample : 01159-01
 Misc : 4.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-E

Quant Time: Jan 17 04:50:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109553	71.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.140%
35) Dibromofluoromethane	7.716	113	93929	55.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.680%
50) Toluene-d8	10.179	98	373025	65.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.680%
62) 4-Bromofluorobenzene	12.483	95	123917	52.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.520%

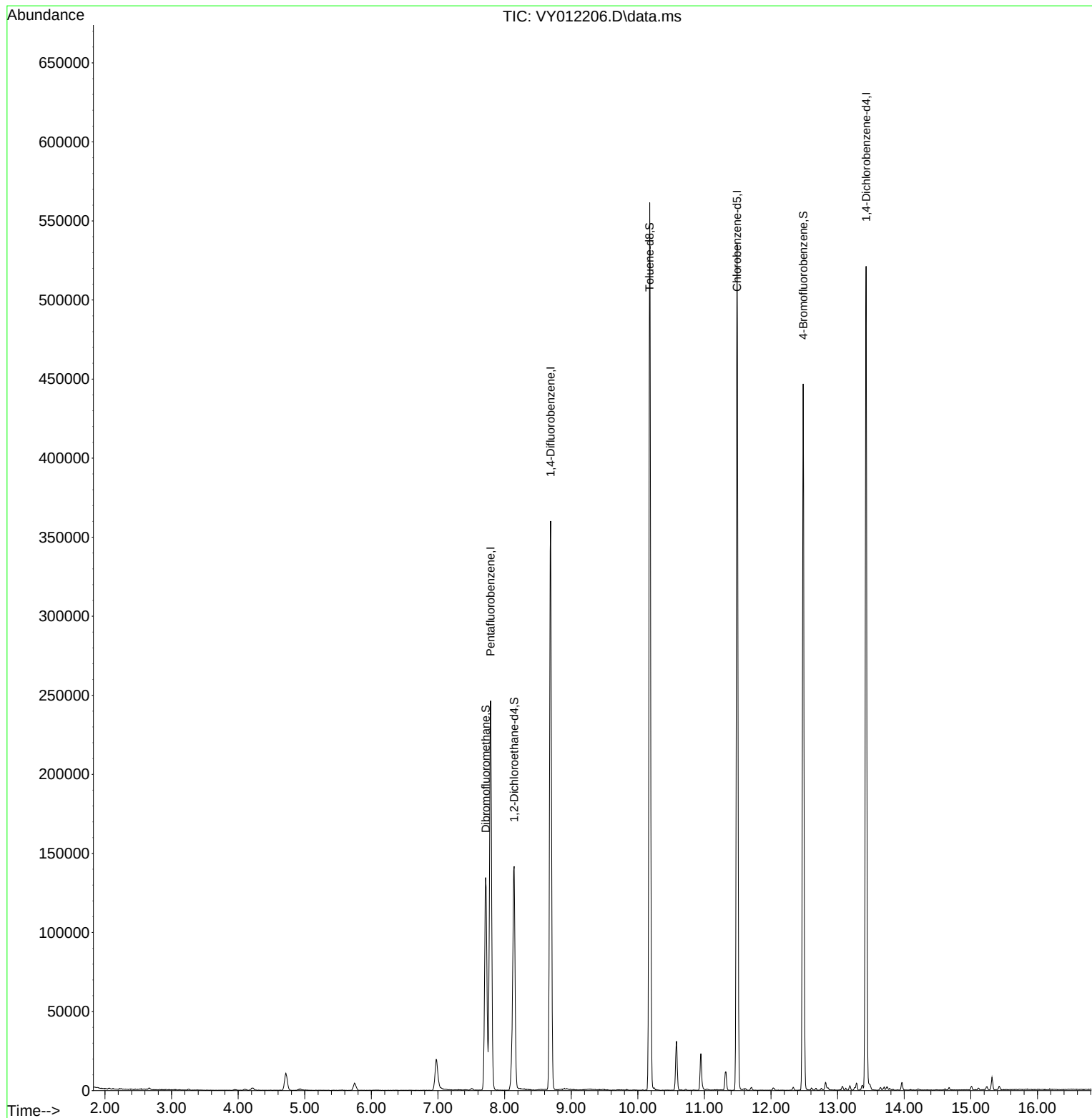
Target Compounds	Qvalue

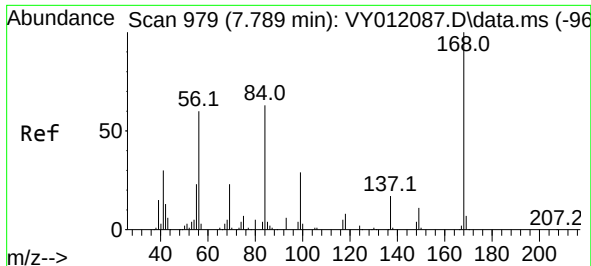
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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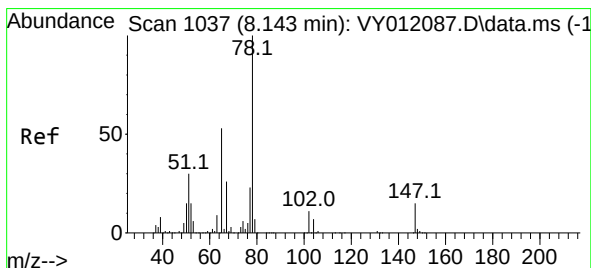
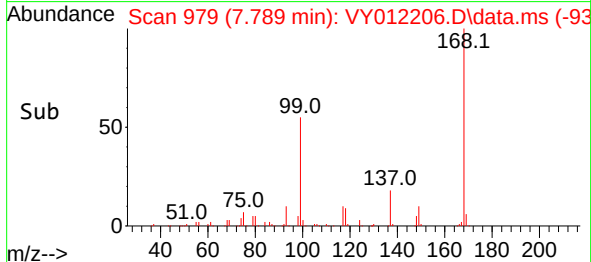
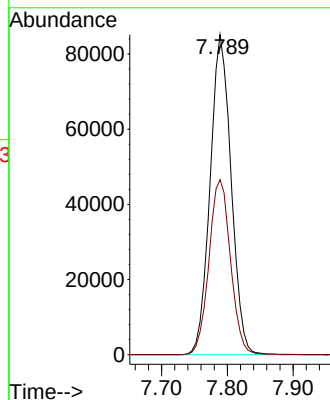
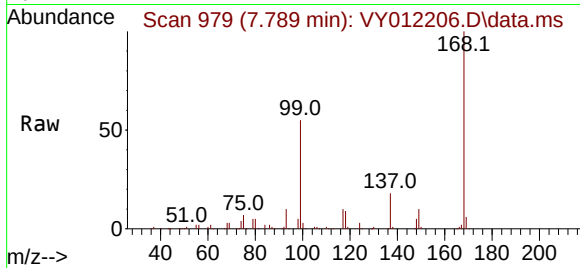




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012206.D
Acq: 16 Jan 2023 17:55

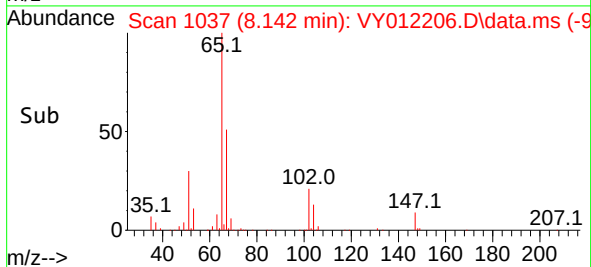
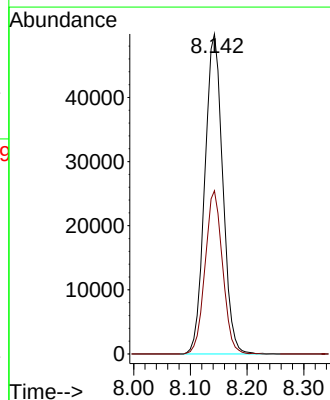
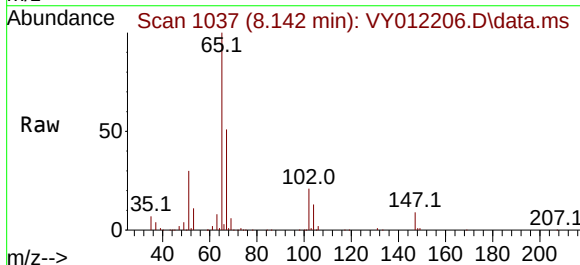
Instrument :
MSVOA_Y
ClientSampleId :
TP-E

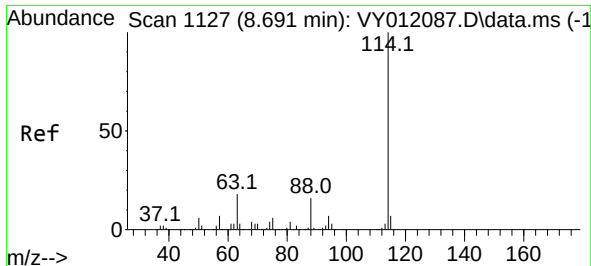
Tgt Ion:168 Resp: 189153
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 71.570 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012206.D
Acq: 16 Jan 2023 17:55

Tgt Ion: 65 Resp: 109553
Ion Ratio Lower Upper
65 100
67 49.7 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: VY012206.D

Acq: 16 Jan 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-E

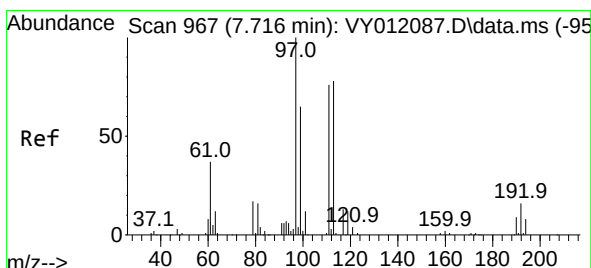
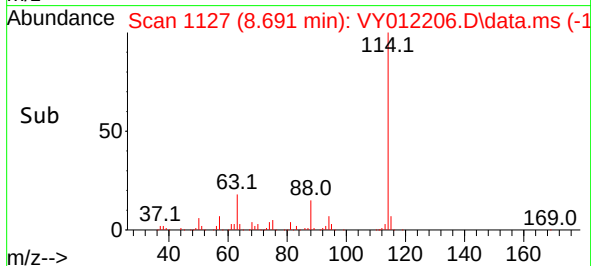
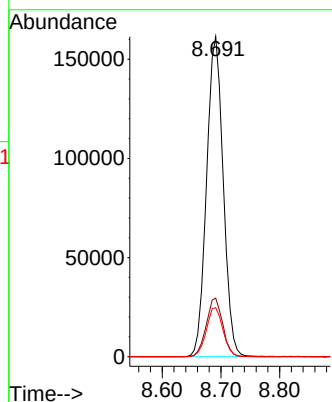
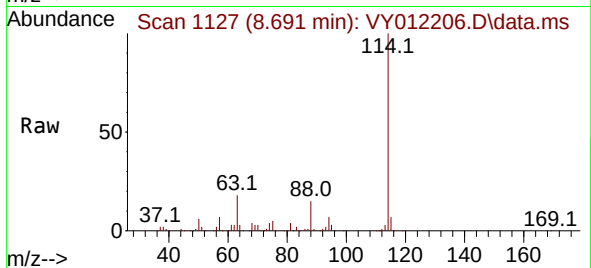
Tgt Ion:114 Resp: 317654

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.844 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012206.D

Acq: 16 Jan 2023 17:55

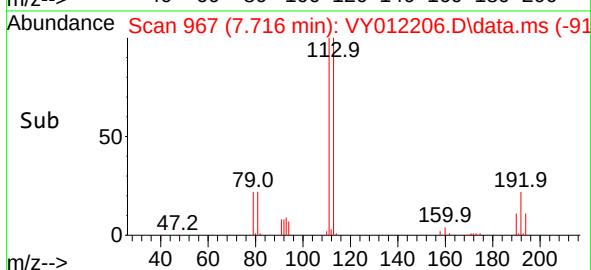
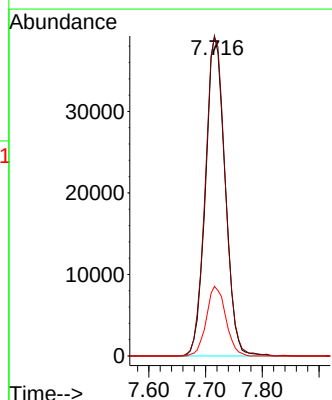
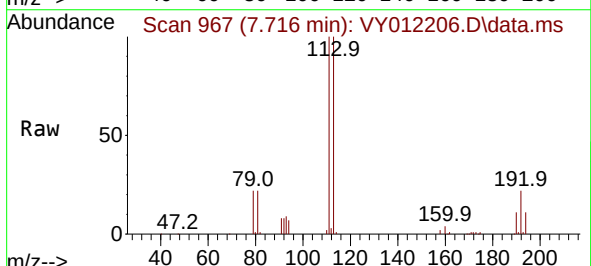
Tgt Ion:113 Resp: 93929

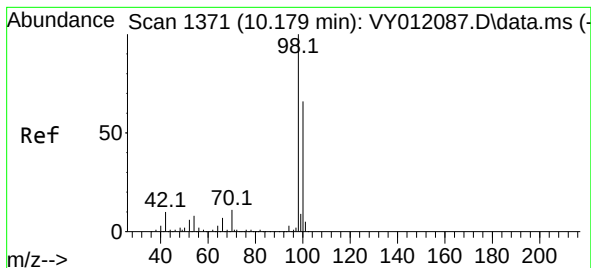
Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 21.6 16.0 24.0





#50

Toluene-d8

Concen: 65.337 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012206.D

Acq: 16 Jan 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

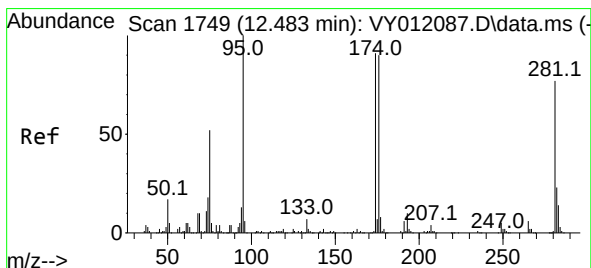
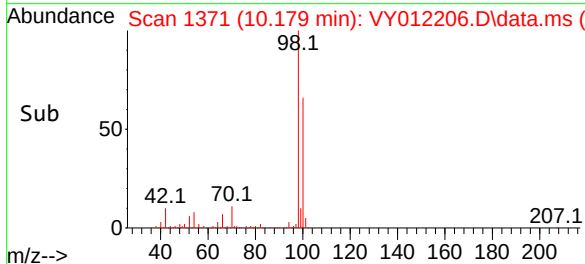
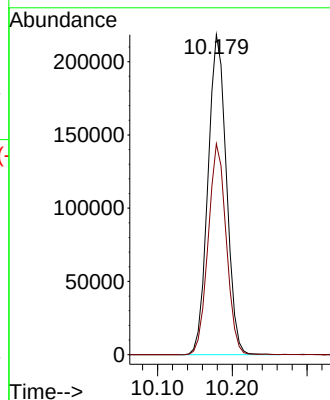
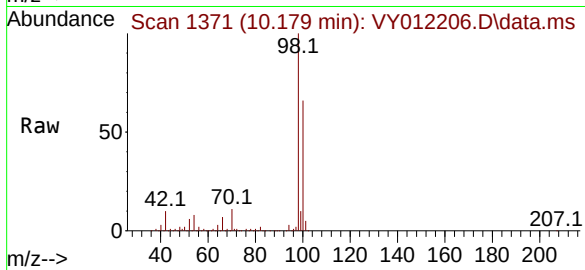
TP-E

Tgt Ion: 98 Resp: 373025

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.262 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012206.D

Acq: 16 Jan 2023 17:55

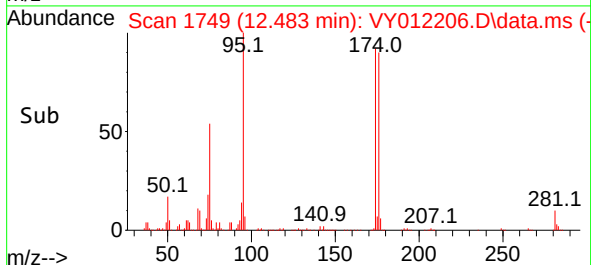
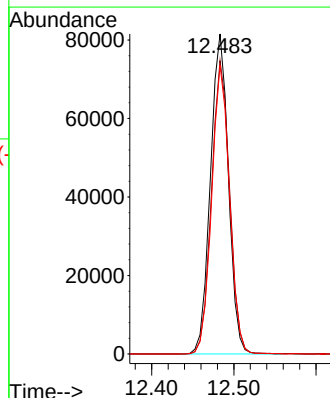
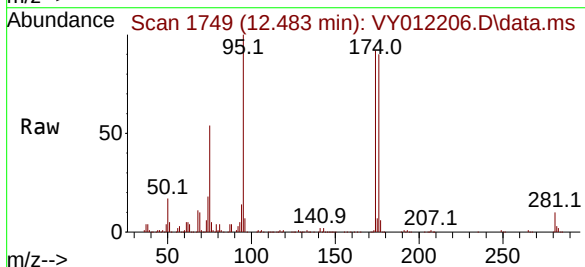
Tgt Ion: 95 Resp: 123917

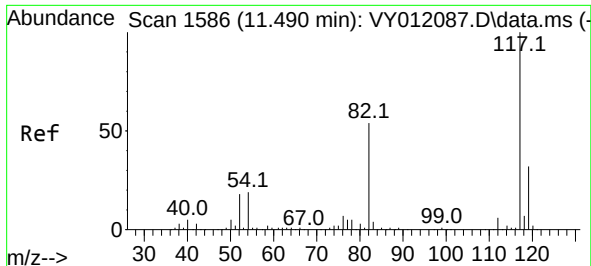
Ion Ratio Lower Upper

95 100

174 92.6 0.0 172.0

176 89.4 0.0 167.6

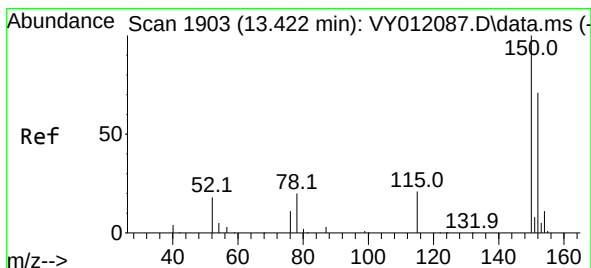
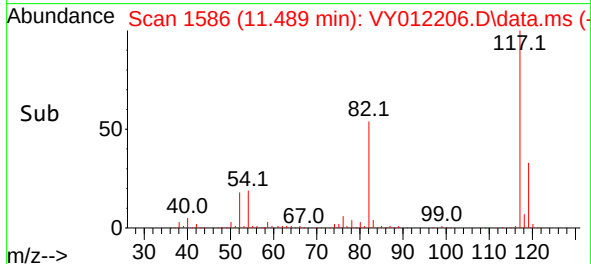
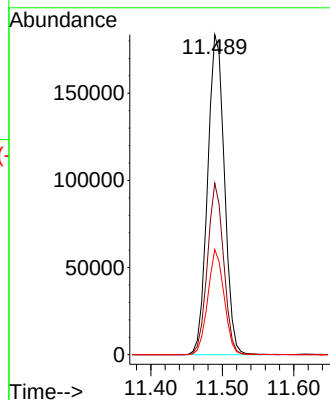
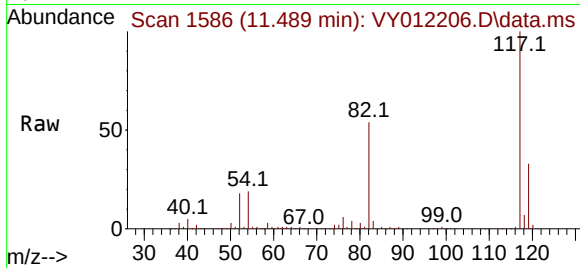




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012206.D
Acq: 16 Jan 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-E

Tgt Ion:117 Resp: 299902
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 32.9 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: VY012206.D
Acq: 16 Jan 2023 17:55

Tgt Ion:152 Resp: 139520
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 156.5 0.0 342.6

