

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012866.D
 Acq On : 08 Mar 2023 13:18
 Operator : KP/MD
 Sample : 01828-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AVENEL-60RE

Quant Time: Mar 09 00:35:40 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	7.783	168	690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	1097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1031	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	837	122.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	244.360%#
35) Dibromofluoromethane	7.710	113	418	63.138	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.280%
50) Toluene-d8	10.179	98	1298	53.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.483	95	329	40.274	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.540%

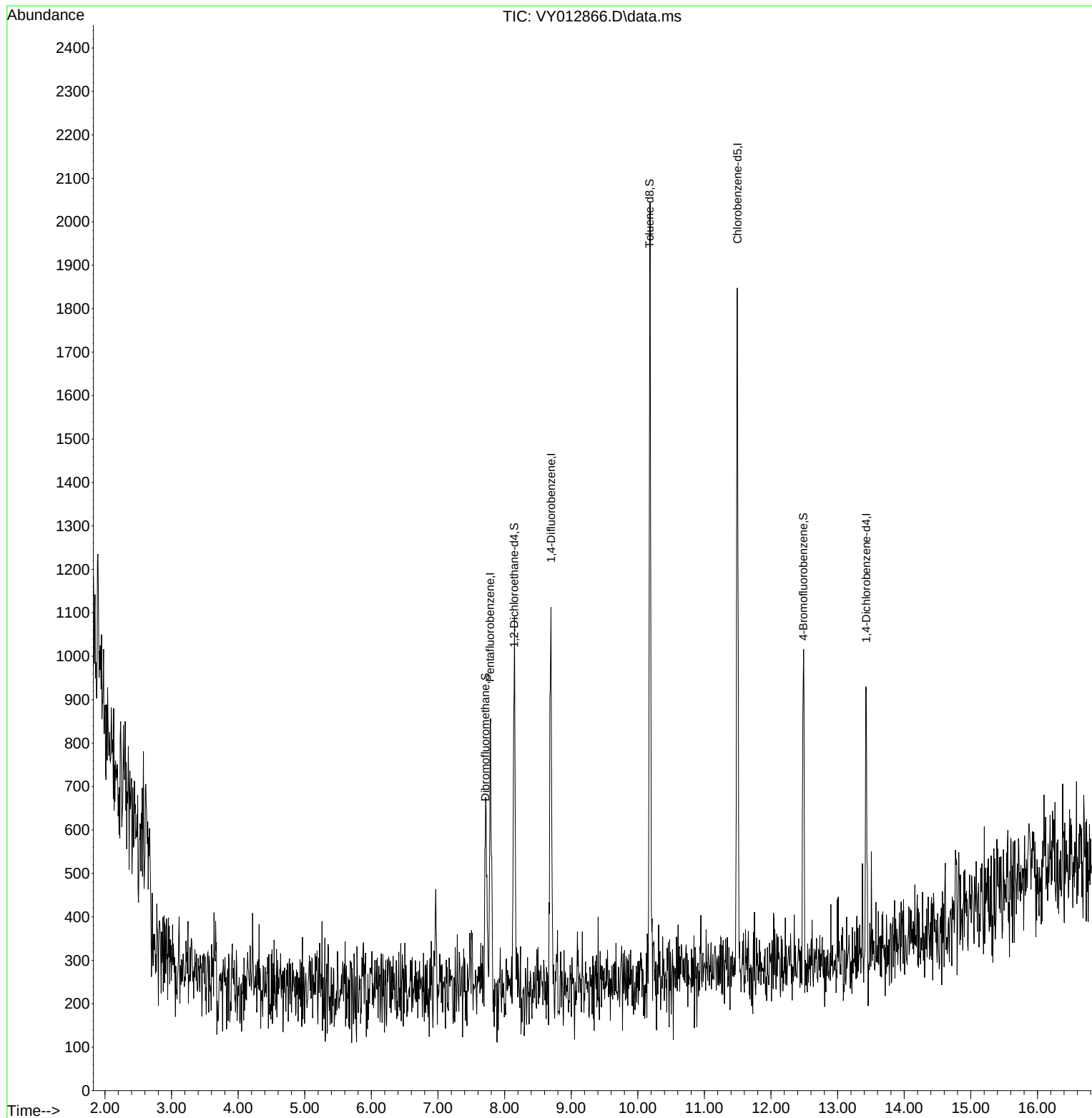
Target Compounds	Qvalue

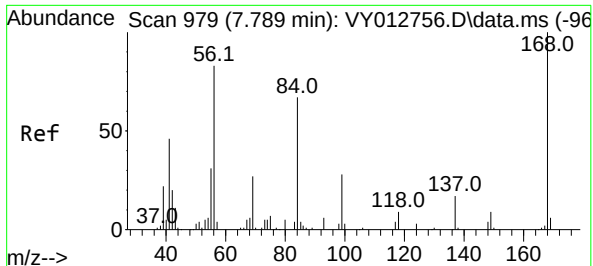
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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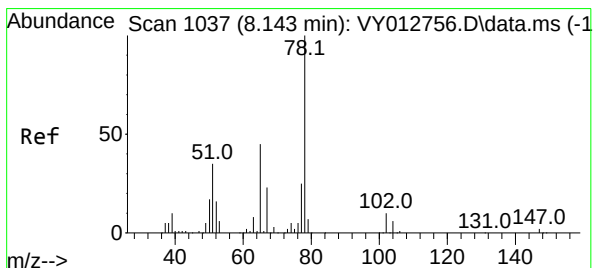
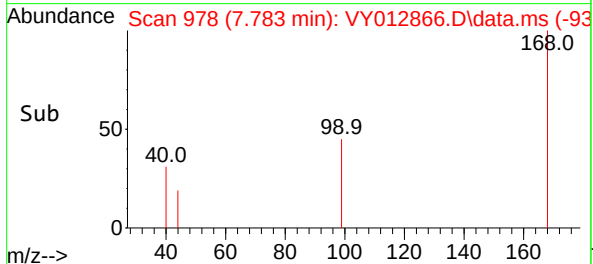
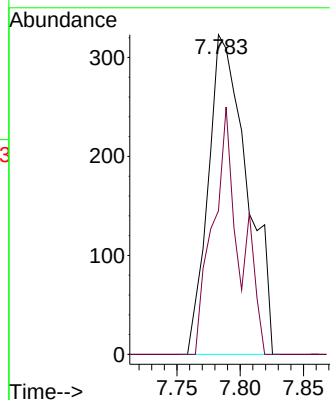
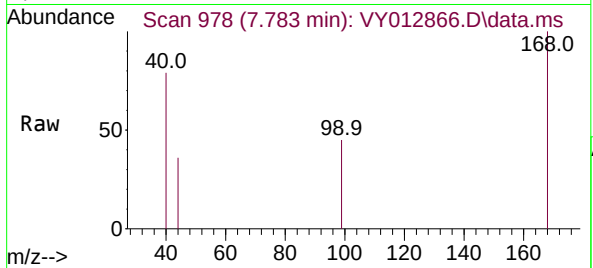




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

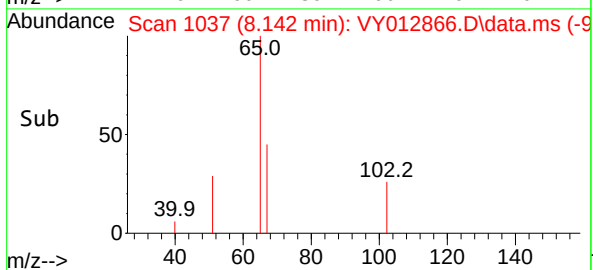
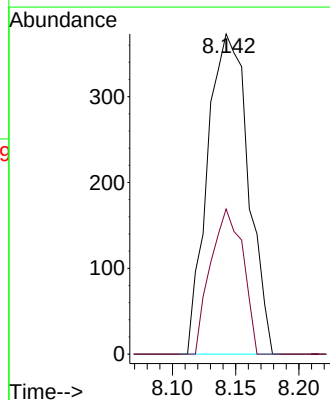
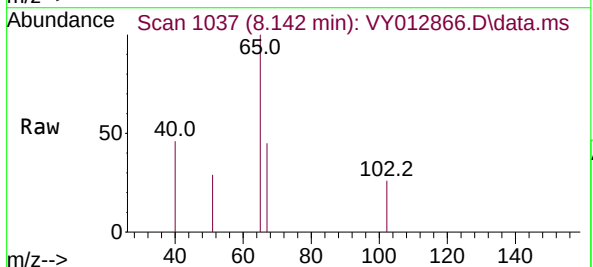
Instrument :
MSVOA_Y
ClientSampleId :
AVENEL-60RE

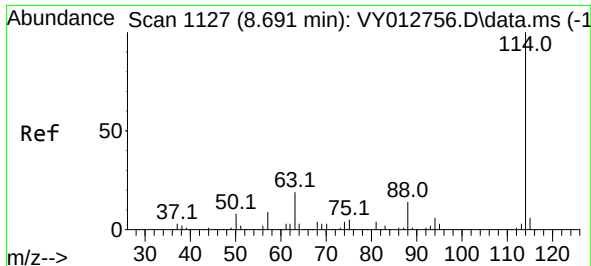
Tgt Ion:168 Resp: 690
Ion Ratio Lower Upper
168 100
99 44.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 122.175 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

Tgt Ion: 65 Resp: 837
Ion Ratio Lower Upper
65 100
67 36.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY012866.D

Acq: 08 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

AVENEL-60RE

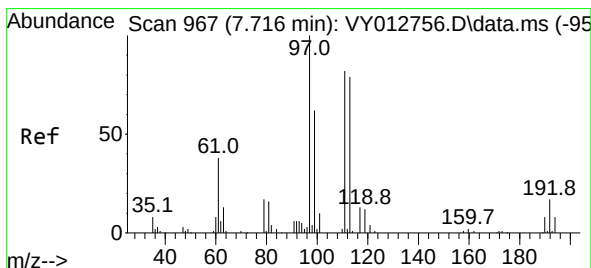
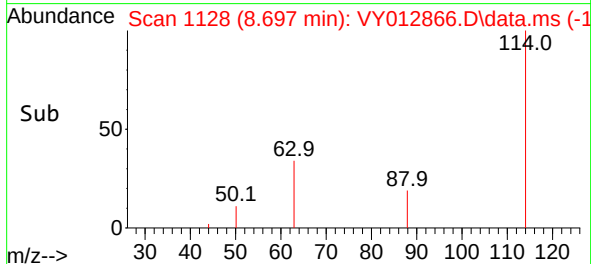
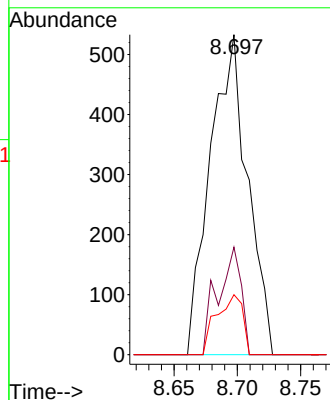
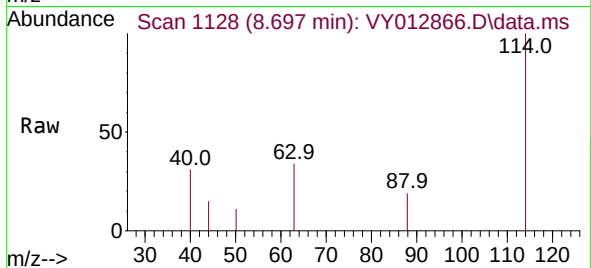
Tgt Ion:114 Resp: 1097

Ion Ratio Lower Upper

114 100

63 33.6 0.0 37.4

88 18.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 63.138 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012866.D

Acq: 08 Mar 2023 13:18

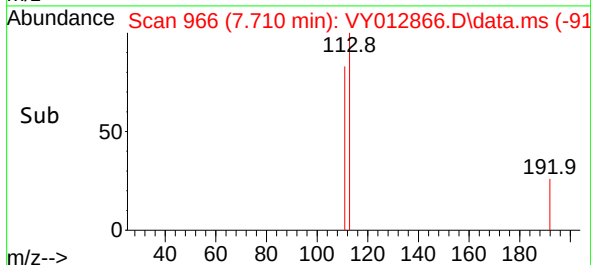
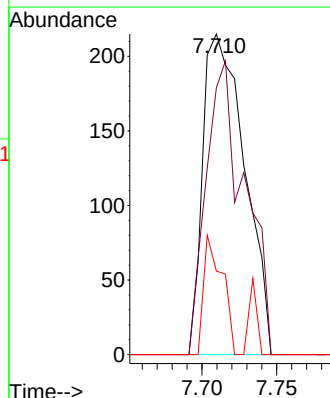
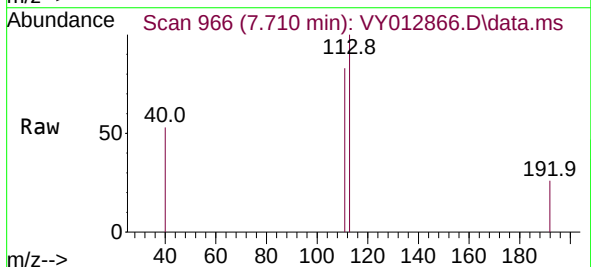
Tgt Ion:113 Resp: 418

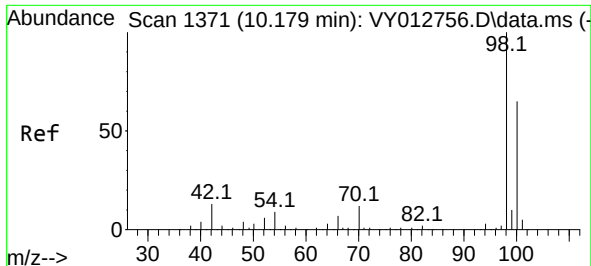
Ion Ratio Lower Upper

113 100

111 84.9 82.2 123.2

192 16.7 16.8 25.2#

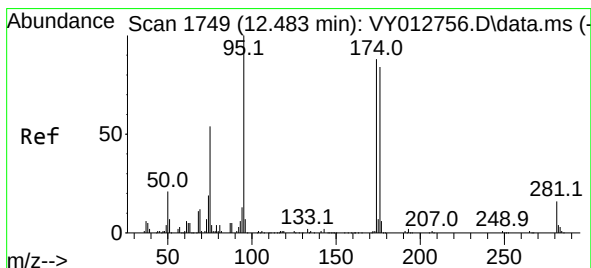
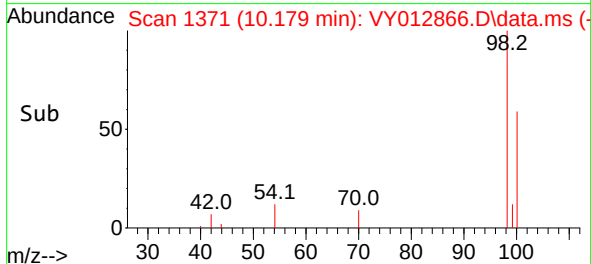
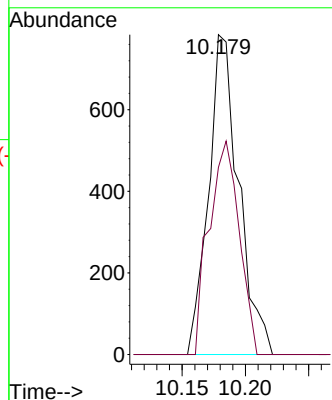
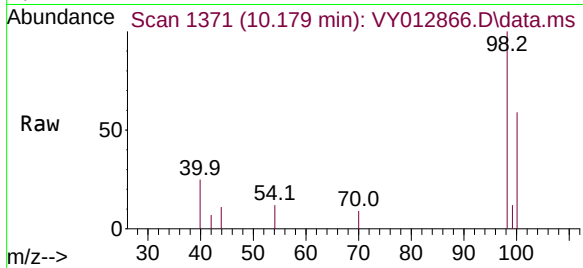




#50
Toluene-d8
Concen: 53.630 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

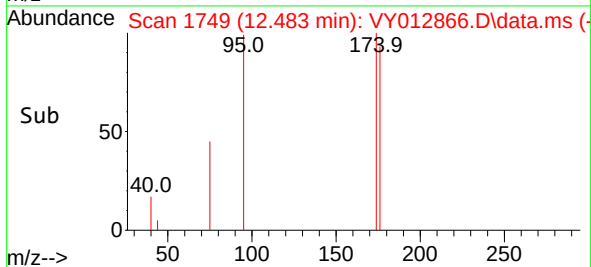
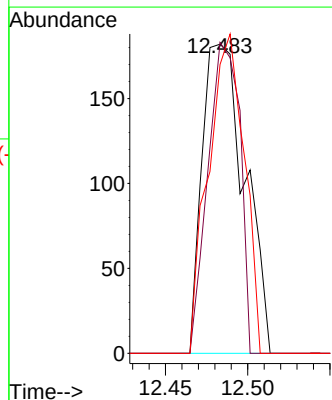
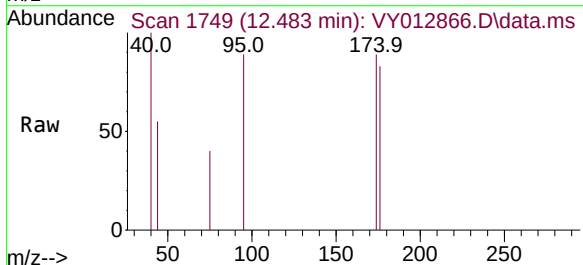
Instrument :
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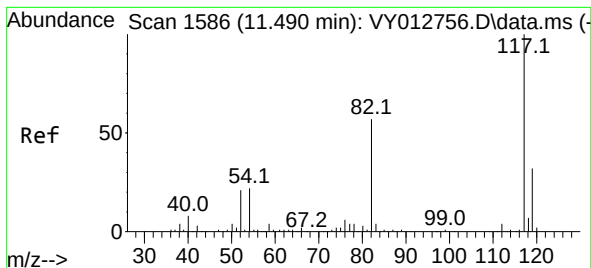
Tgt Ion: 98 Resp: 1298
Ion Ratio Lower Upper
98 100
100 66.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012866.D
Acq: 08 Mar 2023 13:18

Tgt Ion: 95 Resp: 329
Ion Ratio Lower Upper
95 100
174 75.4 0.0 176.6
176 86.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012866.D

Acq: 08 Mar 2023 13:18

Instrument :

MSVOA_Y

ClientSampleId :

AVENEL-60RE

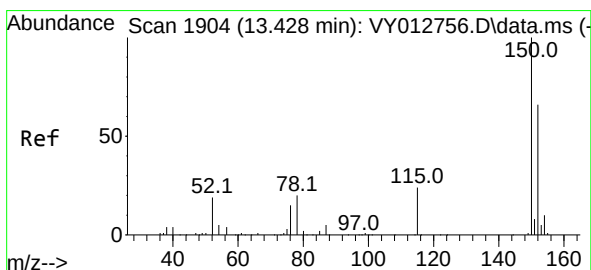
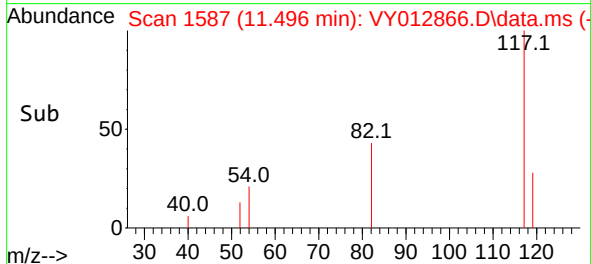
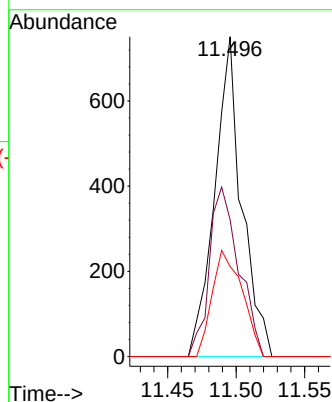
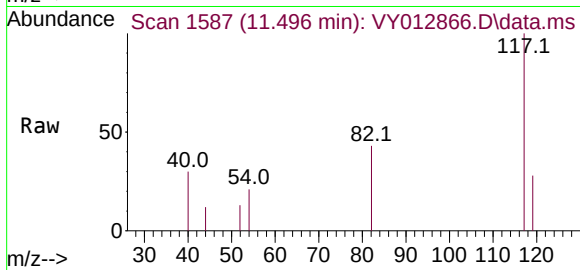
Tgt Ion:117 Resp: 1031

Ion Ratio Lower Upper

117 100

82 42.7 45.4 68.0#

119 28.1 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: VY012866.D

Acq: 08 Mar 2023 13:18

Tgt Ion:152 Resp: 247

Ion Ratio Lower Upper

152 100

115 40.5 27.1 81.3

150 161.5 0.0 347.8

