

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015902.D
 Acq On : 10 Oct 2023 17:15
 Operator : SY/MD
 Sample : 04817-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11930

Quant Time: Oct 11 01:22:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	1149	79.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.420%	
35) Dibromofluoromethane	7.722	113	388	24.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 49.520%#	
50) Toluene-d8	10.185	98	3393	65.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 131.420%	
62) 4-Bromofluorobenzene	12.483	95	1190	56.738	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.480%	

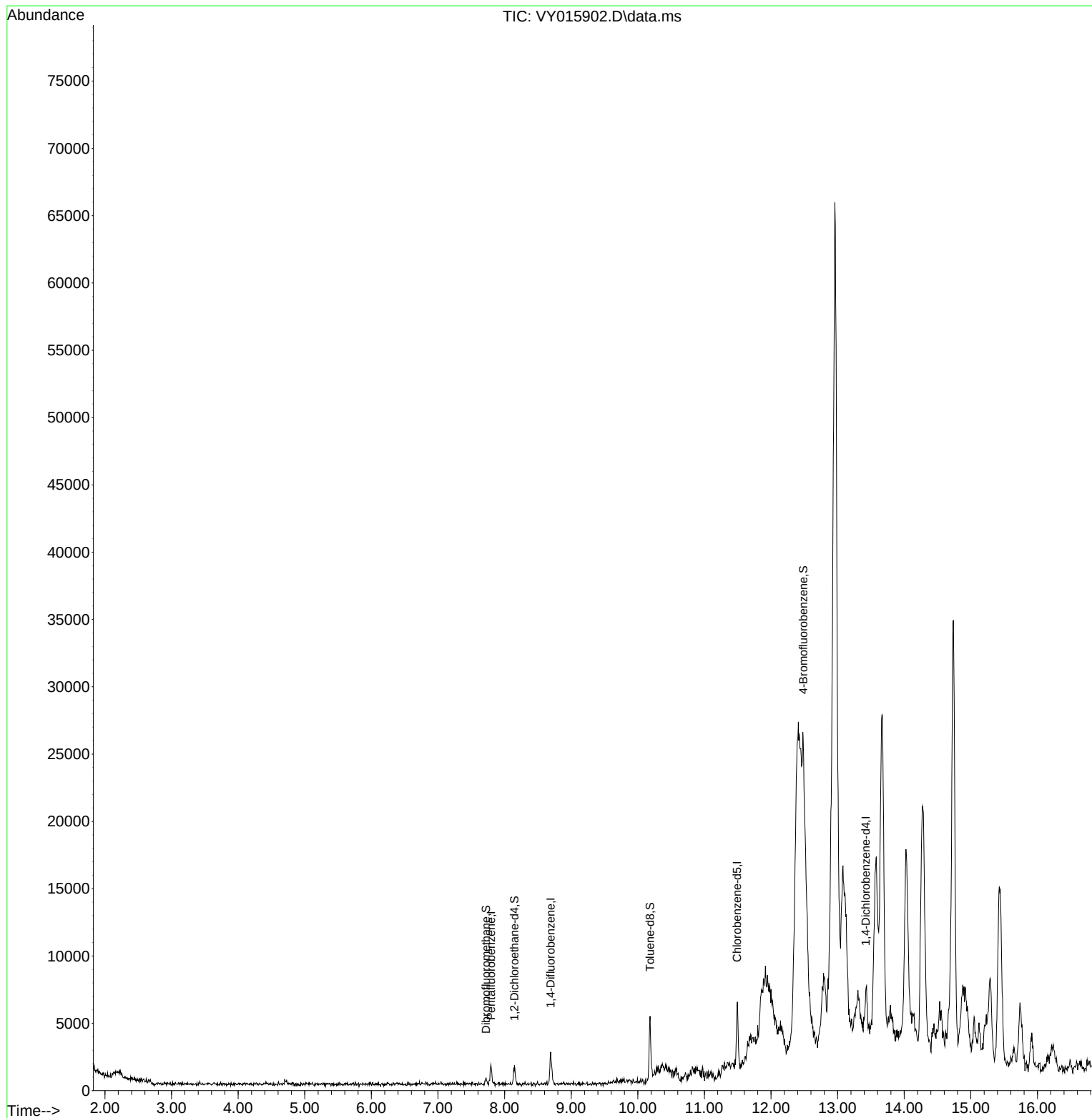
Target Compounds	Qvalue

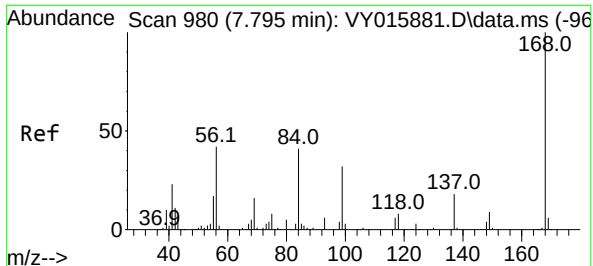
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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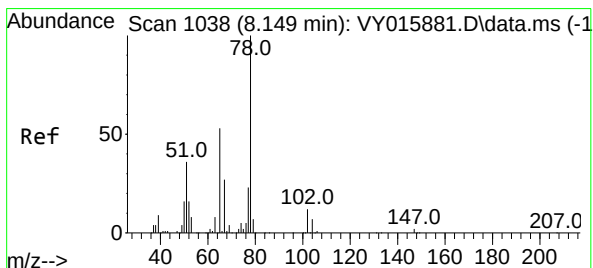
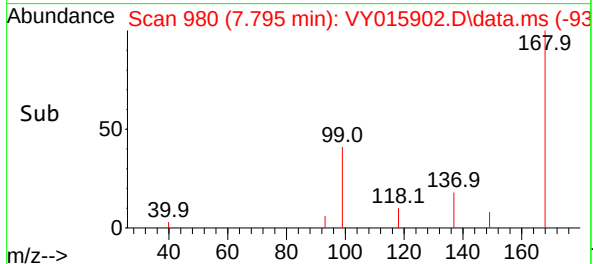
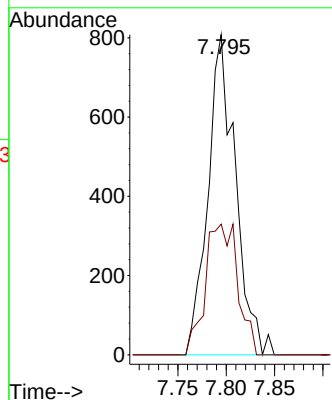
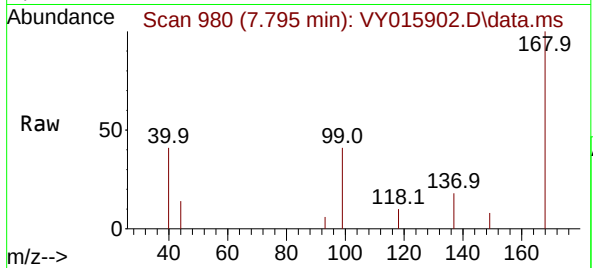




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015902.D
Acq: 10 Oct 2023 17:15

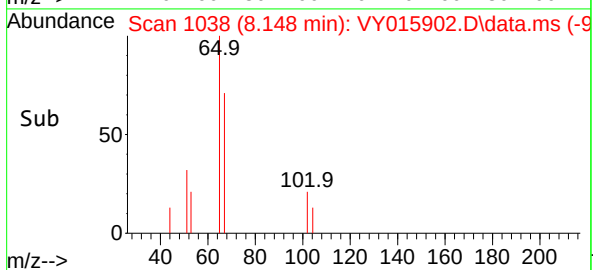
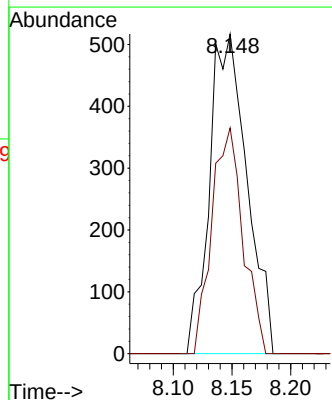
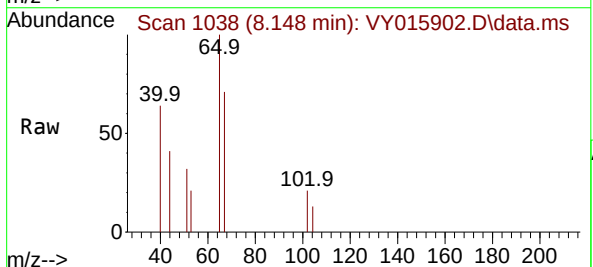
Instrument :
MSVOA_Y
ClientSampleId :
72-11930

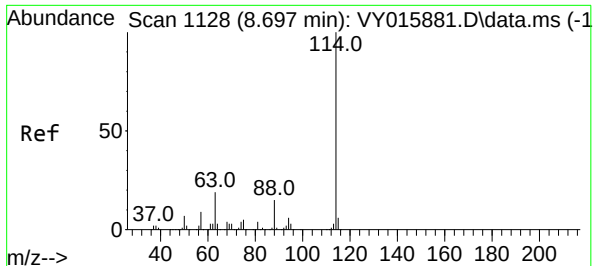
Tgt Ion:168 Resp: 1602
Ion Ratio Lower Upper
168 100
99 40.8 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 79.710 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015902.D
Acq: 10 Oct 2023 17:15

Tgt Ion: 65 Resp: 1149
Ion Ratio Lower Upper
65 100
67 58.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY015902.D

Acq: 10 Oct 2023 17:15

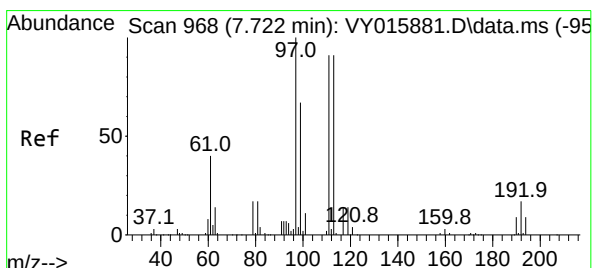
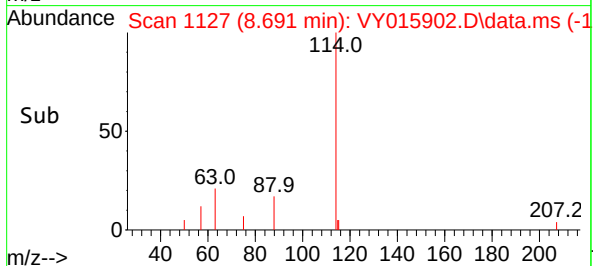
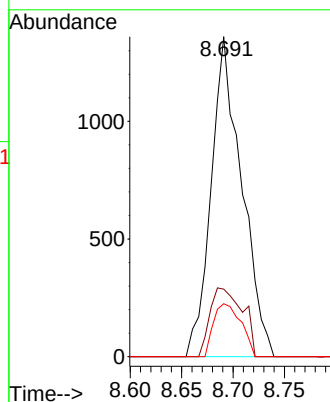
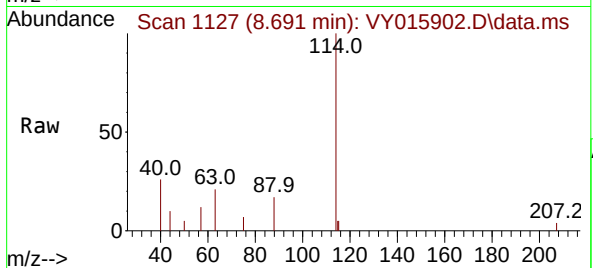
Instrument :

MSVOA_Y

ClientSampleId :

72-11930

Tgt Ion:114	Resp:	2809
Ion	Ratio	Lower Upper
114	100	
63	21.1	0.0 42.4
88	16.5	0.0 30.6



#35

Dibromofluoromethane

Concen: 24.764 ug/l

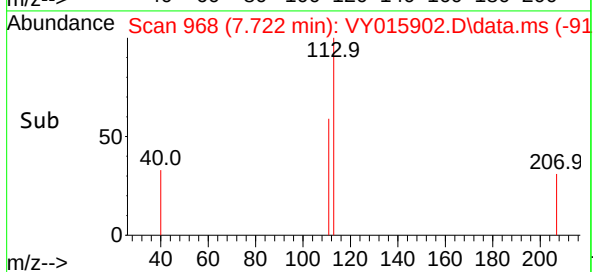
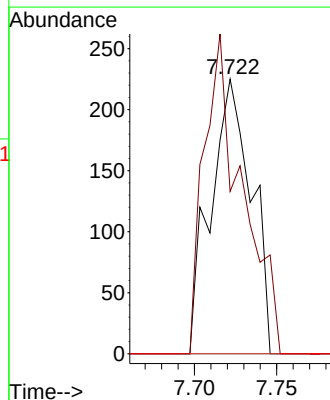
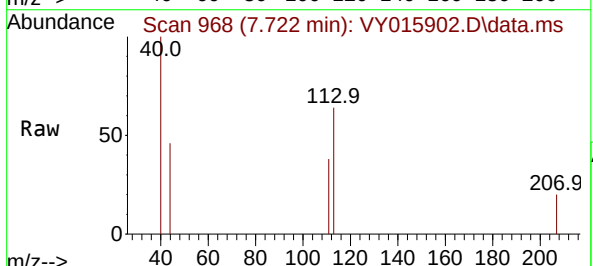
RT: 7.722 min Scan# 968

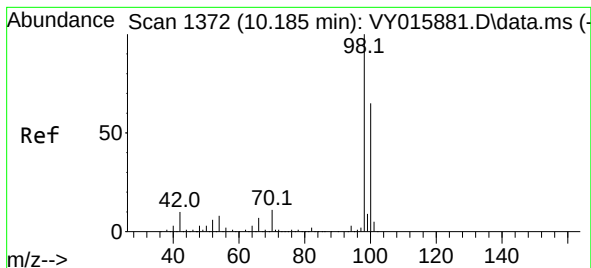
Delta R.T. -0.000 min

Lab File: VY015902.D

Acq: 10 Oct 2023 17:15

Tgt Ion:113	Resp:	388
Ion	Ratio	Lower Upper
113	100	
111	108.8	81.3 121.9
192	0.0	16.9 25.3





#50

Toluene-d8

Concen: 65.709 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY015902.D

Acq: 10 Oct 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

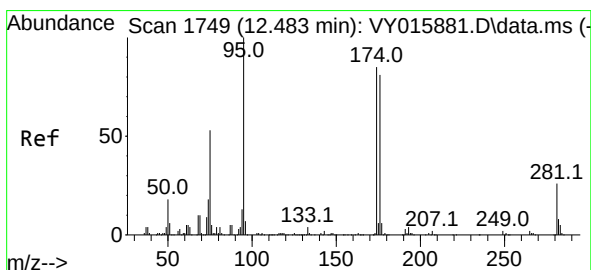
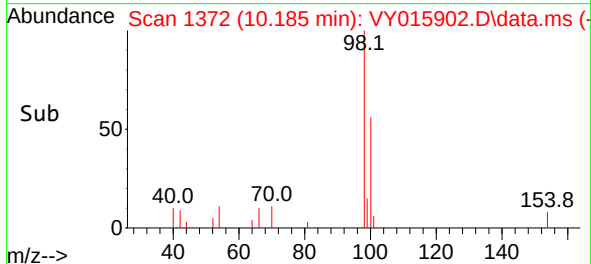
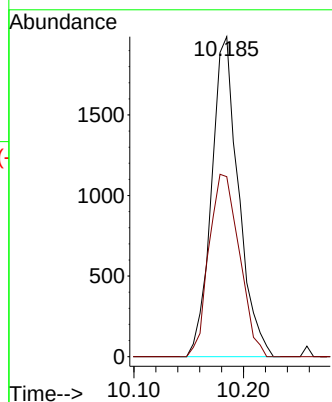
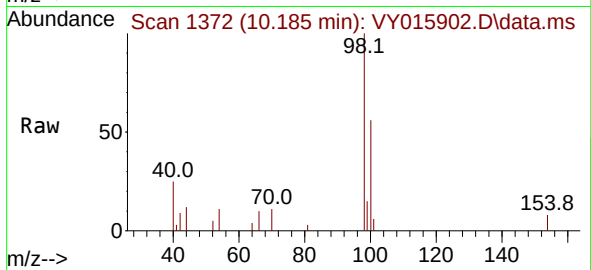
72-11930

Tgt Ion: 98 Resp: 3393

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 56.738 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY015902.D

Acq: 10 Oct 2023 17:15

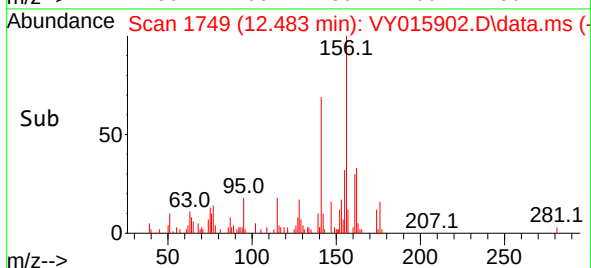
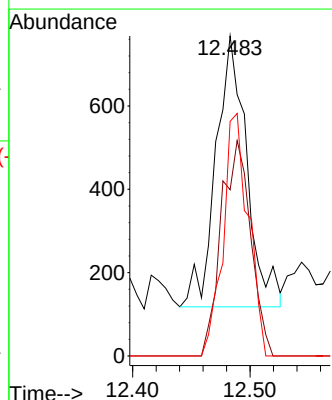
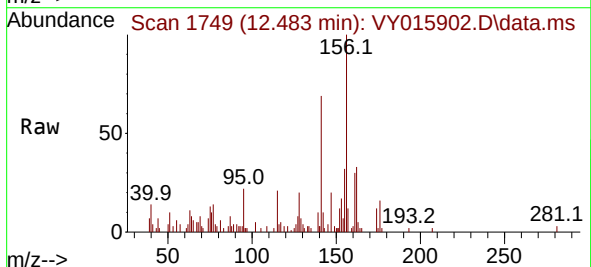
Tgt Ion: 95 Resp: 1190

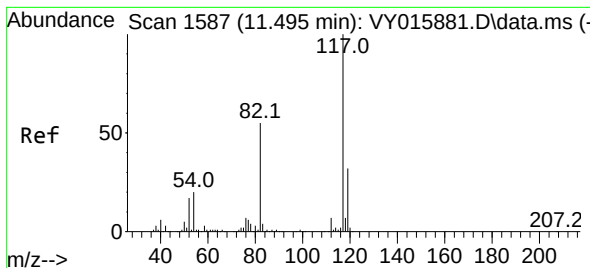
Ion Ratio Lower Upper

95 100

174 75.8 0.0 178.2

176 73.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015902.D

Acq: 10 Oct 2023 17:15

Instrument :

MSVOA_Y

ClientSampleId :

72-11930

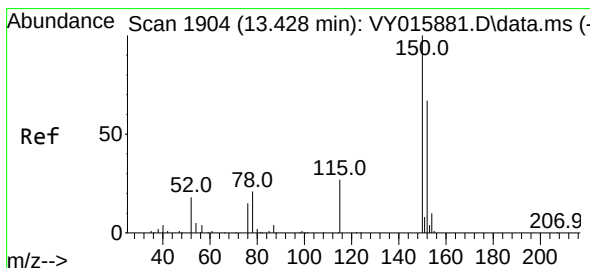
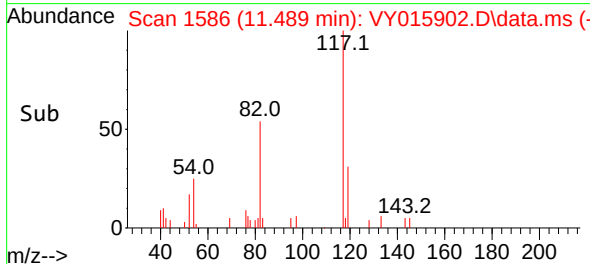
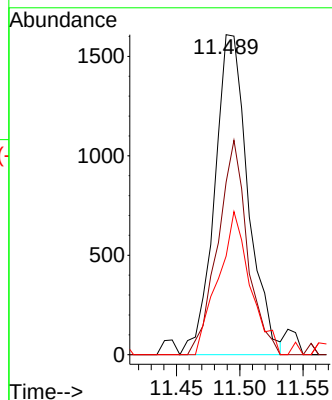
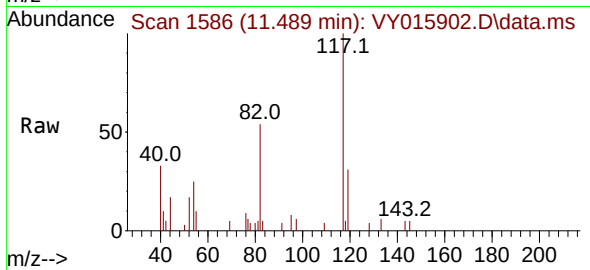
Tgt Ion:117 Resp: 2972

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 30.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY015902.D

Acq: 10 Oct 2023 17:15

Tgt Ion:152 Resp: 819

Ion Ratio Lower Upper

152 100

115 66.9 28.8 86.5

150 136.4 0.0 348.8

