

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015920.D
 Acq On : 11 Oct 2023 13:47
 Operator : SY/MD
 Sample : 04801-03RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-100623

Quant Time: Oct 11 14:27:25 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	12652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6852	60.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.380%
35) Dibromofluoromethane	7.722	113	6004	52.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.185	98	23742	63.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	126.220%
62) 4-Bromofluorobenzene	12.483	95	7065	46.238	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.480%

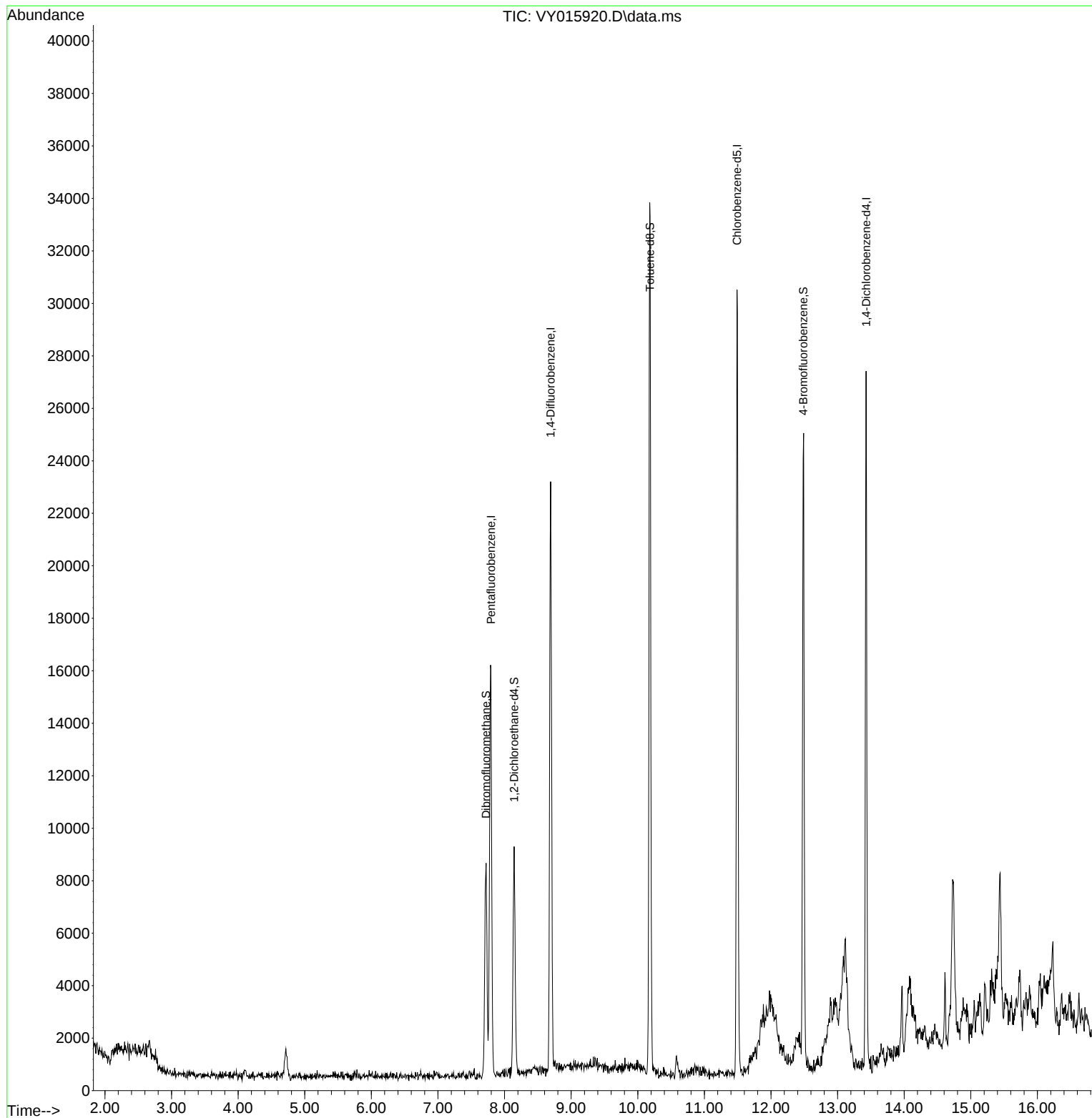
Target Compounds	Qvalue

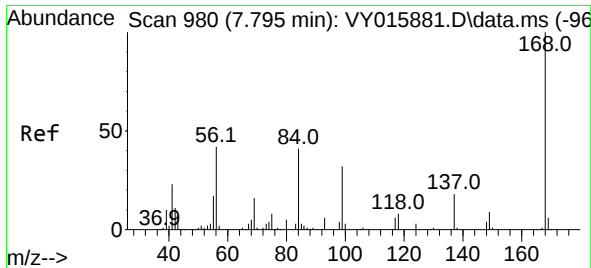
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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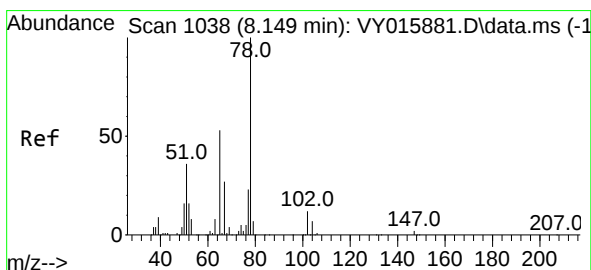
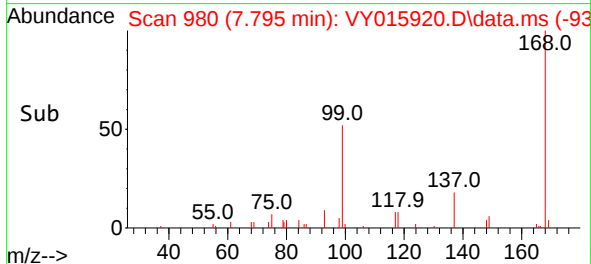
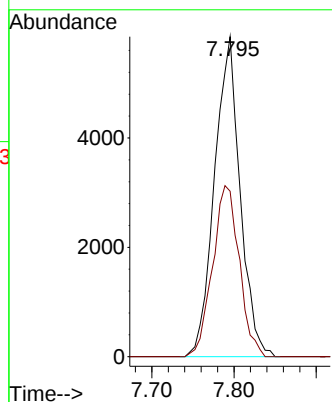
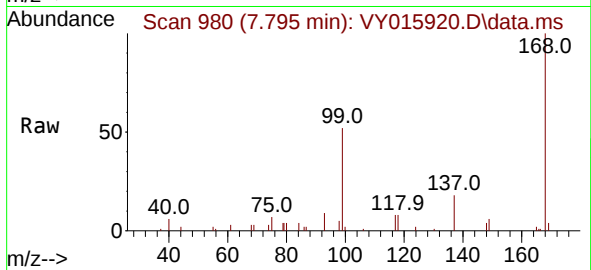




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015920.D
Acq: 11 Oct 2023 13:47

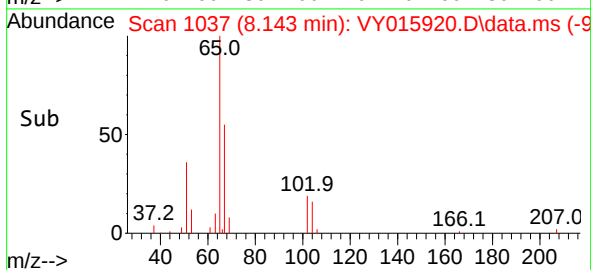
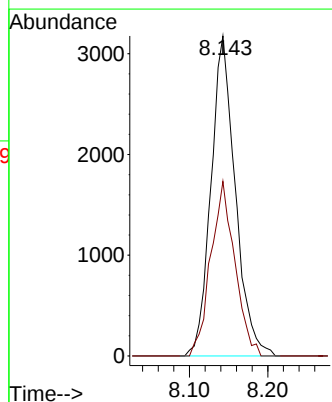
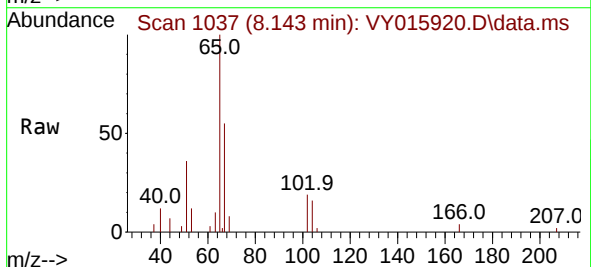
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-100623

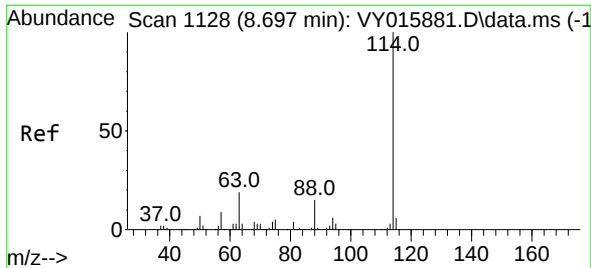
Tgt Ion:168 Resp: 12652
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.188 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015920.D
Acq: 11 Oct 2023 13:47

Tgt Ion: 65 Resp: 6852
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8

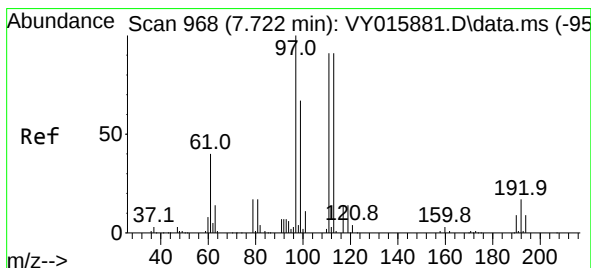
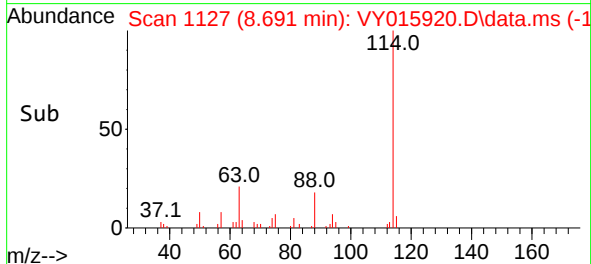
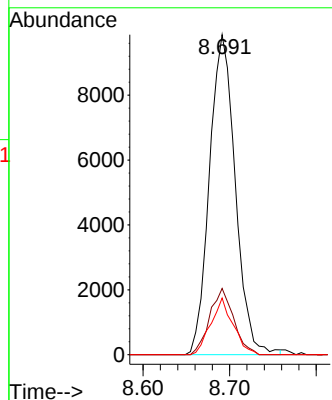
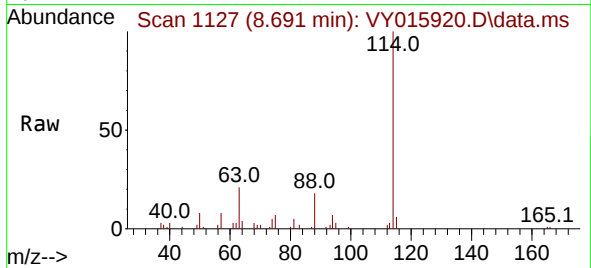




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY015920.D
Acq: 11 Oct 2023 13:47

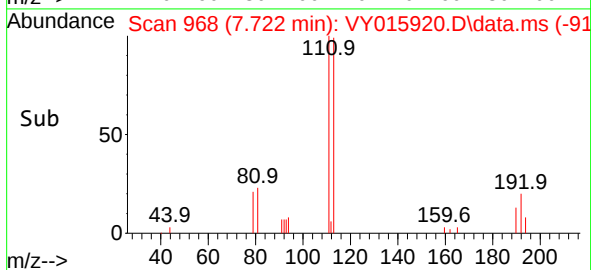
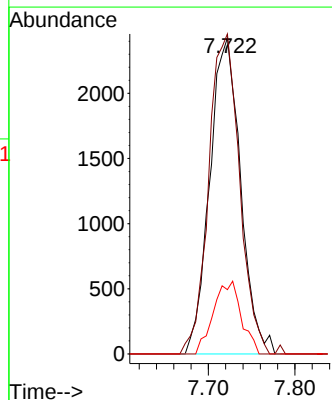
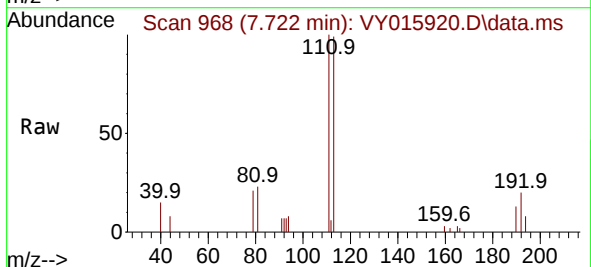
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-100623

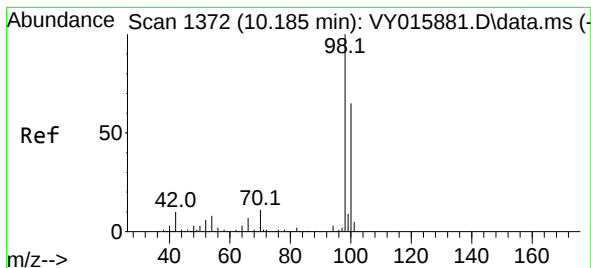
Tgt Ion:114	Resp:	20464
Ion Ratio	Lower	Upper
114	100	
63	20.7	0.0 42.4
88	17.7	0.0 30.6



#35
Dibromofluoromethane
Concen: 52.600 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY015920.D
Acq: 11 Oct 2023 13:47

Tgt Ion:113	Resp:	6004
Ion Ratio	Lower	Upper
113	100	
111	101.0	81.3 121.9
192	20.7	16.9 25.3





#50

Toluene-d8

Concen: 63.113 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015920.D

Acq: 11 Oct 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

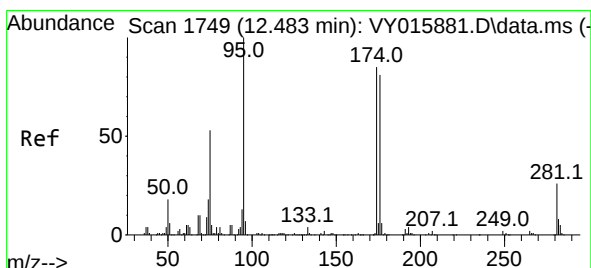
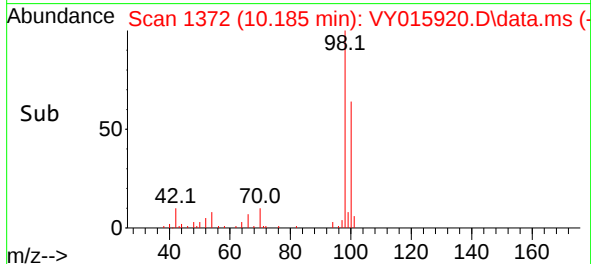
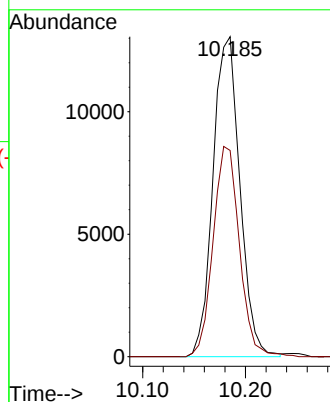
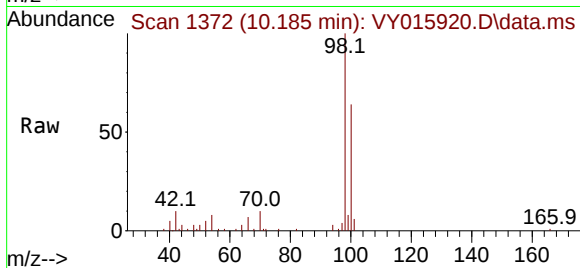
HR-4-100623

Tgt Ion: 98 Resp: 23742

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.238 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015920.D

Acq: 11 Oct 2023 13:47

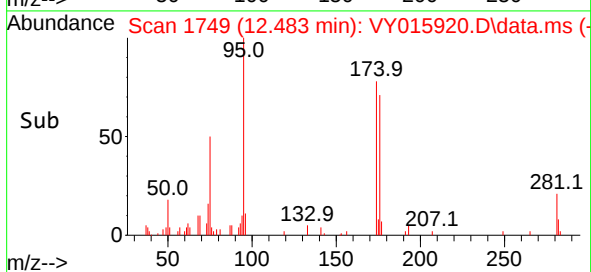
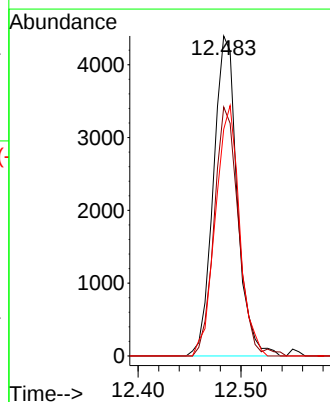
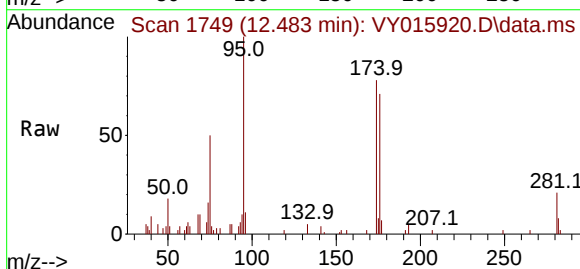
Tgt Ion: 95 Resp: 7065

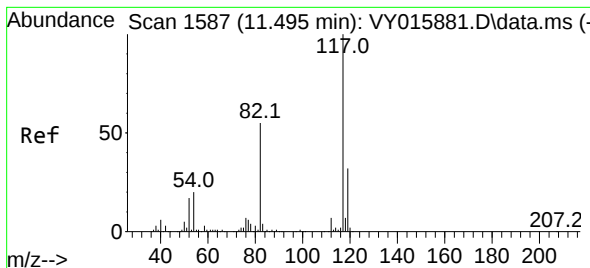
Ion Ratio Lower Upper

95 100

174 79.5 0.0 178.2

176 79.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015920.D

Acq: 11 Oct 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

HR-4-100623

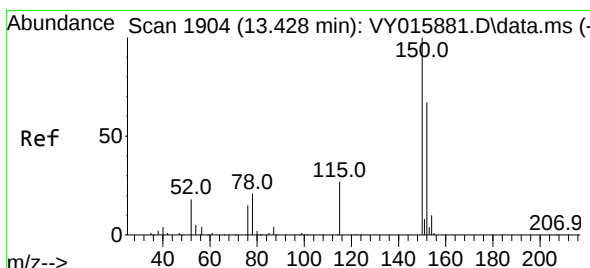
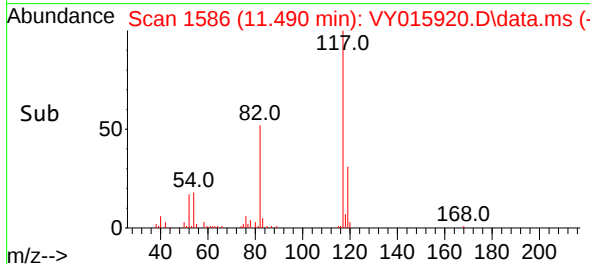
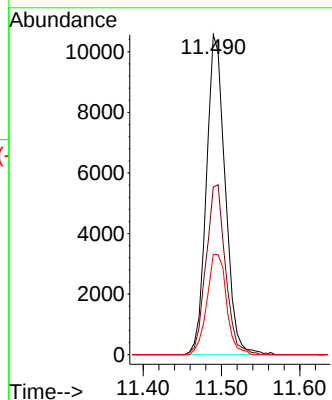
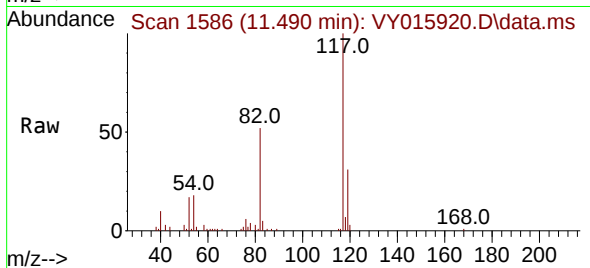
Tgt Ion:117 Resp: 17574

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015920.D

Acq: 11 Oct 2023 13:47

Tgt Ion:152 Resp: 6729

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 157.7 0.0 348.8

