

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016090.D
 Acq On : 26 Oct 2023 20:16
 Operator : SY/MD
 Sample : 05050-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3

Quant Time: Oct 27 04:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	38001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	56217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21546	57.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.716	113	21013	53.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.140%
50) Toluene-d8	10.185	98	71959	49.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.483	95	21681	43.092	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.180%

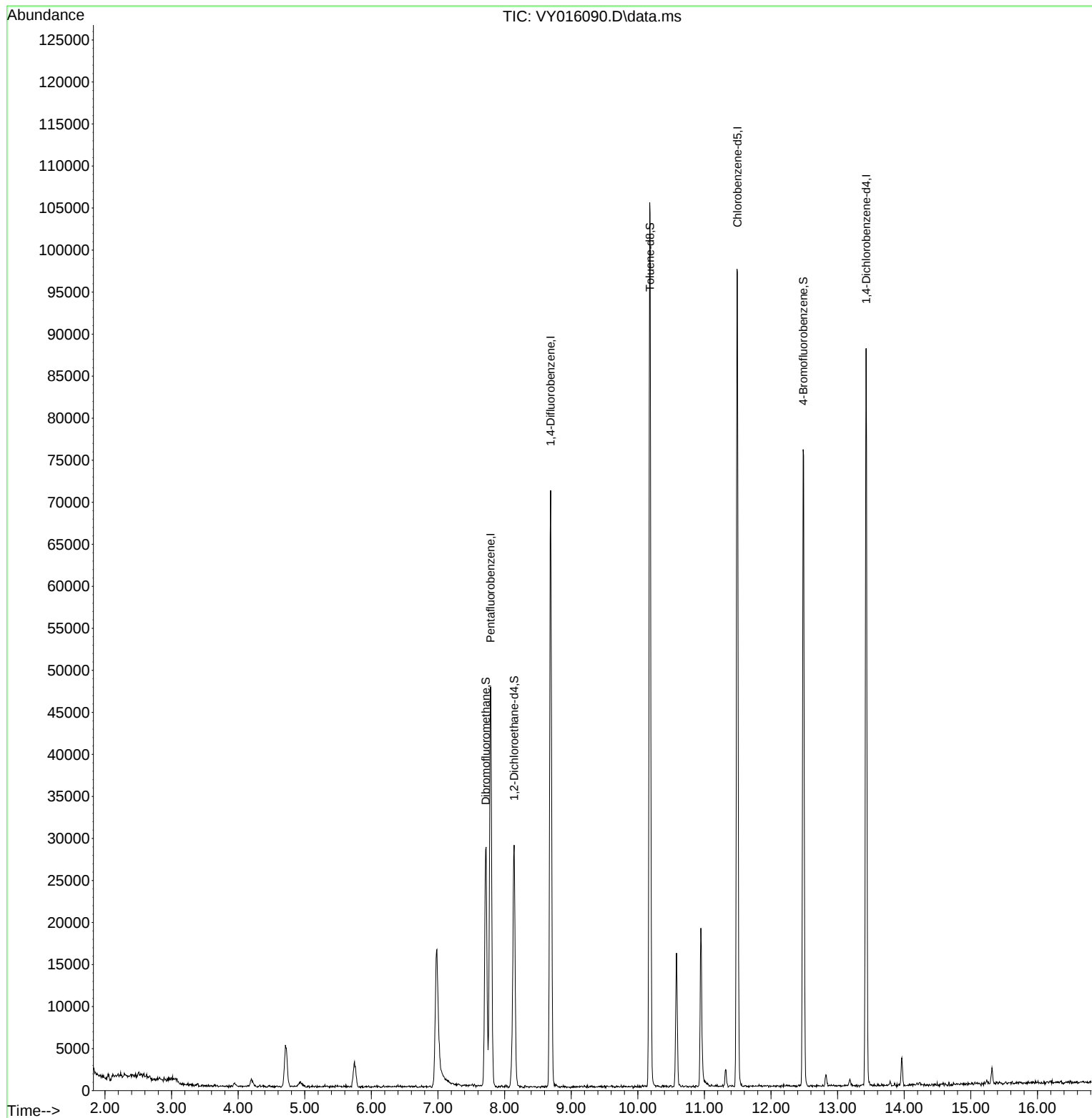
Target Compounds	Qvalue

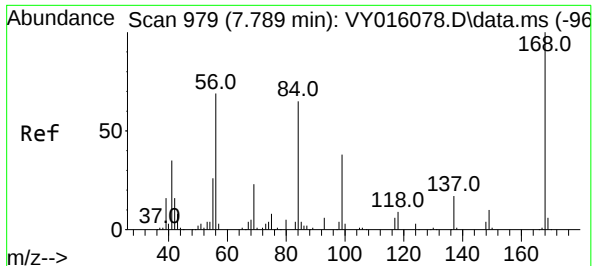
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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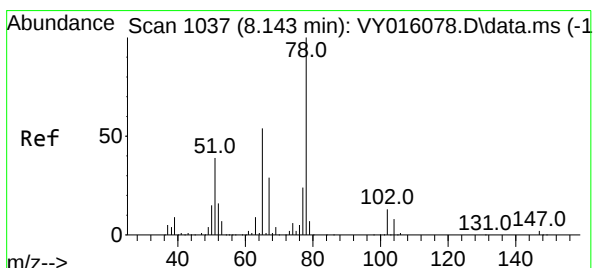
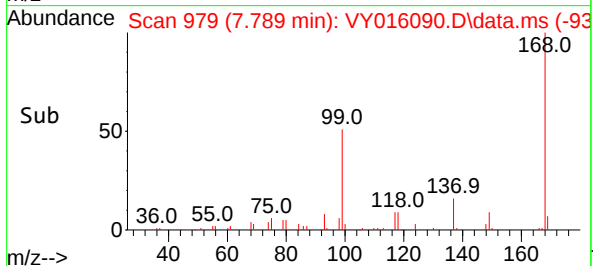
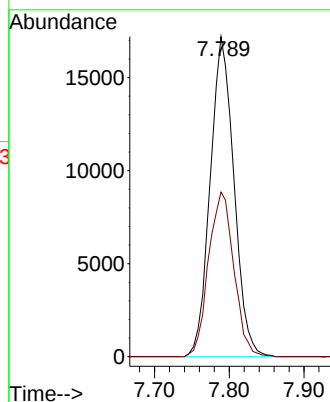
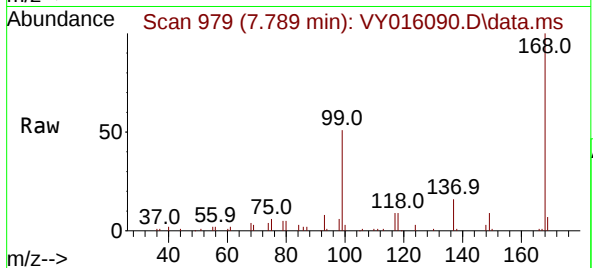




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

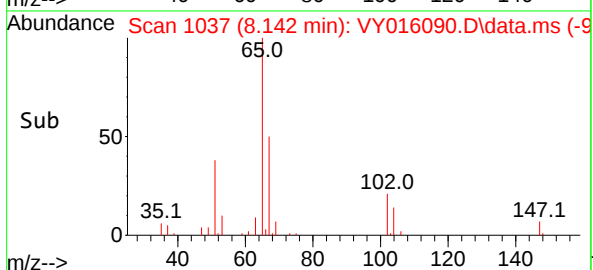
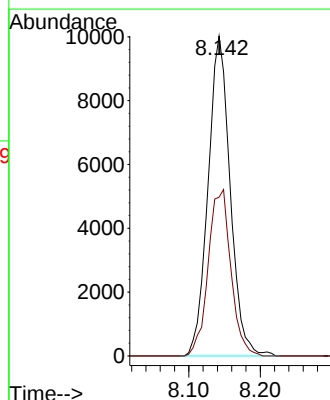
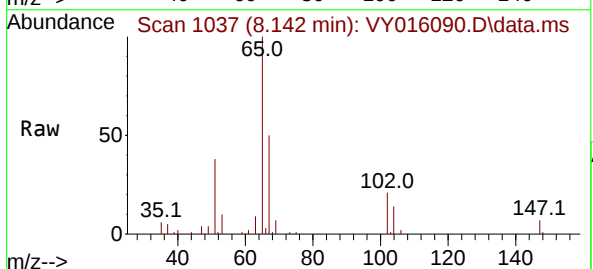
Instrument :
MSVOA_Y
ClientSampleId :
B3

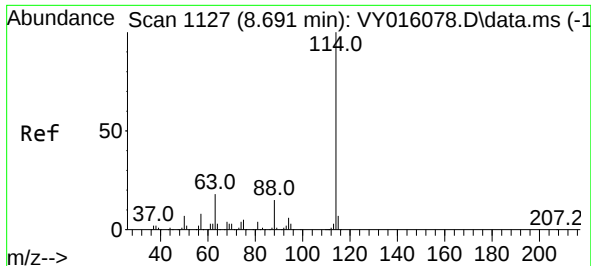
Tgt Ion:168 Resp: 38001
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.020 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Tgt Ion: 65 Resp: 21546
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

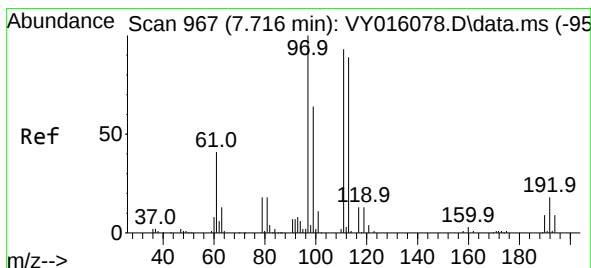
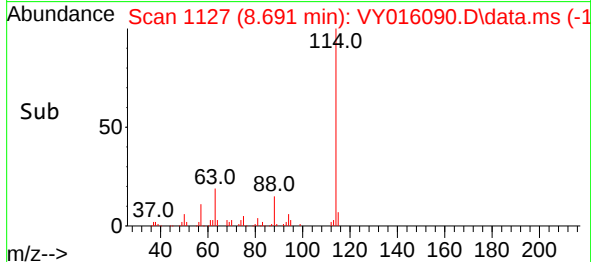
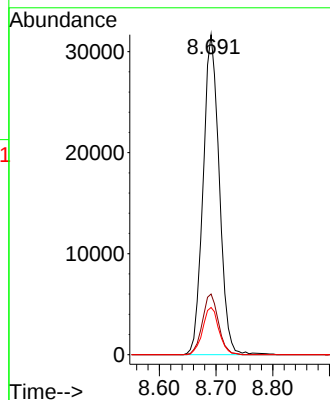
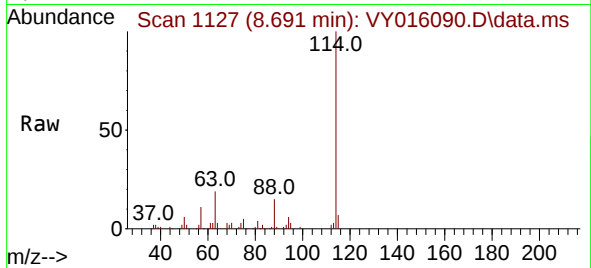




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

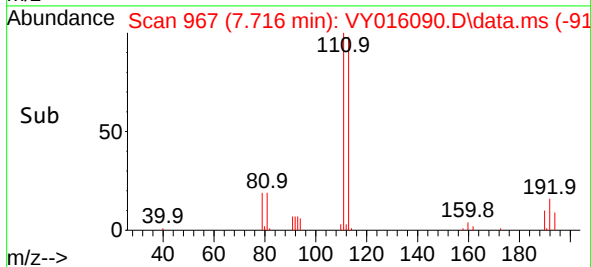
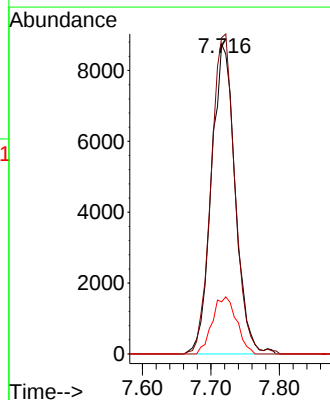
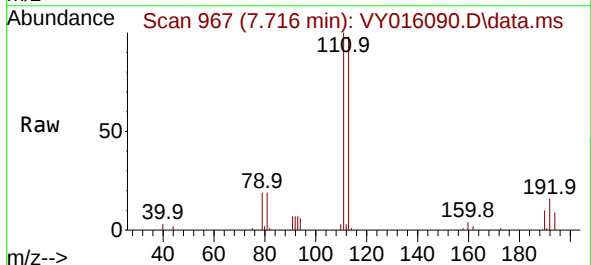
Instrument :
MSVOA_Y
ClientSampleId :
B3

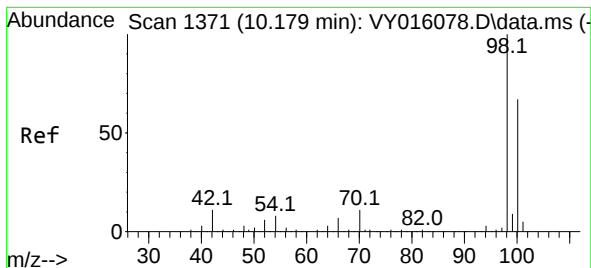
Tgt Ion:	114	Resp:	62724
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.4
88	14.7	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.067 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016090.D
Acq: 26 Oct 2023 20:16

Tgt Ion:	113	Resp:	21013
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	18.8	16.9	25.3





#50

Toluene-d8

Concen: 49.060 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Instrument :

MSVOA_Y

ClientSampleId :

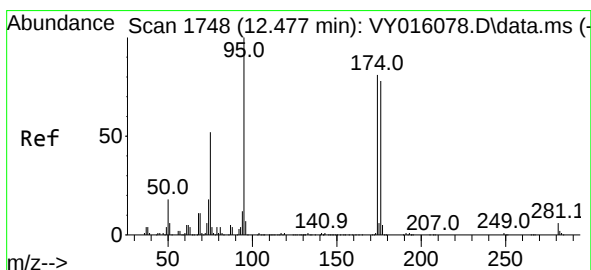
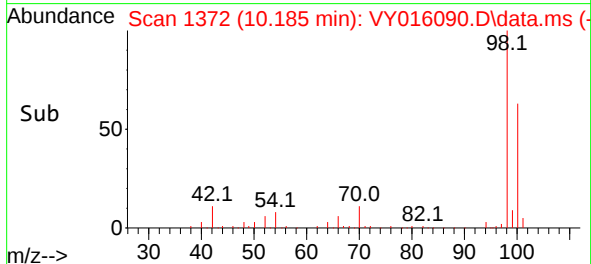
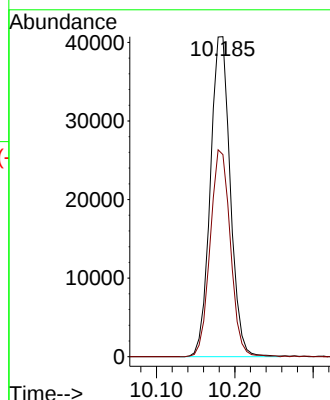
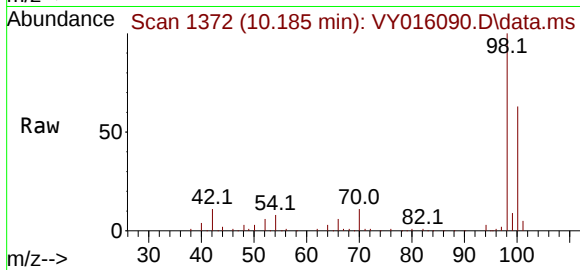
B3

Tgt Ion: 98 Resp: 71959

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.092 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

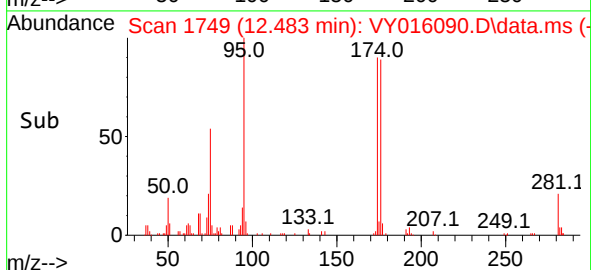
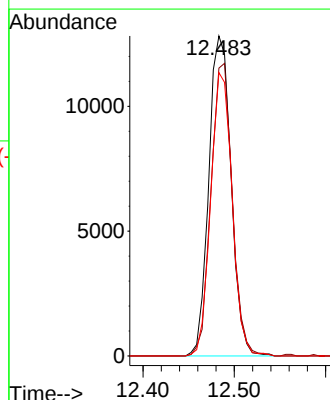
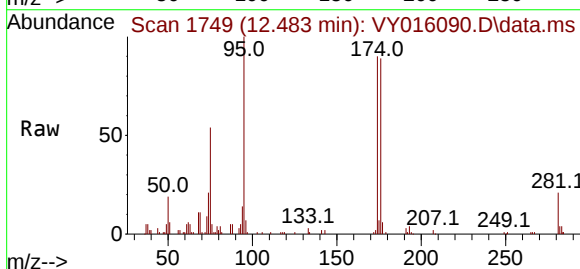
Tgt Ion: 95 Resp: 21681

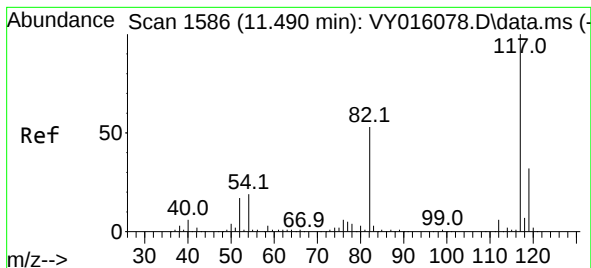
Ion Ratio Lower Upper

95 100

174 87.8 0.0 178.2

176 85.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Instrument :

MSVOA_Y

ClientSampleId :

B3

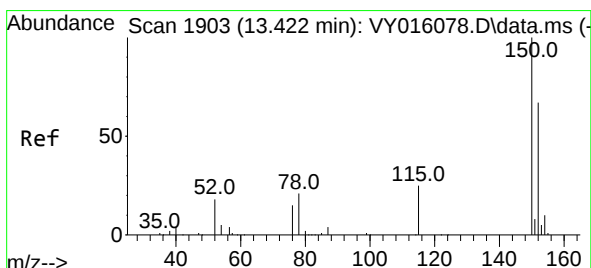
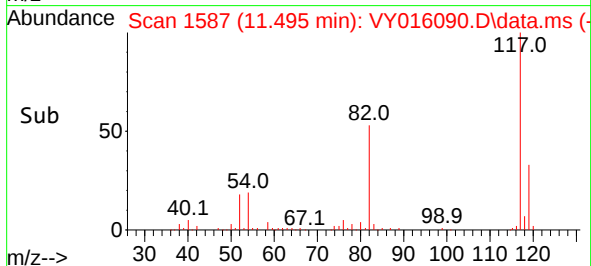
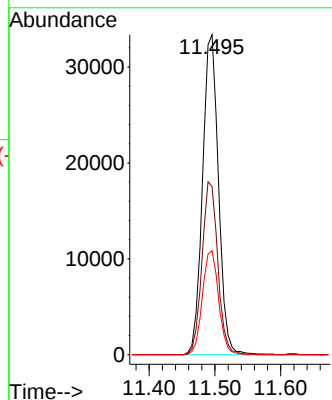
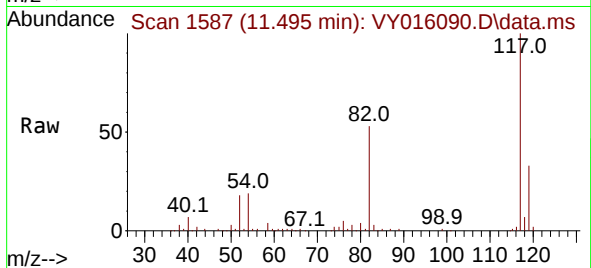
Tgt Ion:117 Resp: 56217

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016090.D

Acq: 26 Oct 2023 20:16

Tgt Ion:152 Resp: 24317

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 151.0 0.0 348.8

