

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012747.D
 Acq On : 01 Mar 2023 13:40
 Operator : KP/MD
 Sample : 01727-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JB-1S

Quant Time: Mar 02 02:04:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72455	55.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.940%
35) Dibromofluoromethane	7.716	113	72385	58.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.420%
50) Toluene-d8	10.179	98	248684	53.836	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.680%
62) 4-Bromofluorobenzene	12.483	95	79527	53.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.600%

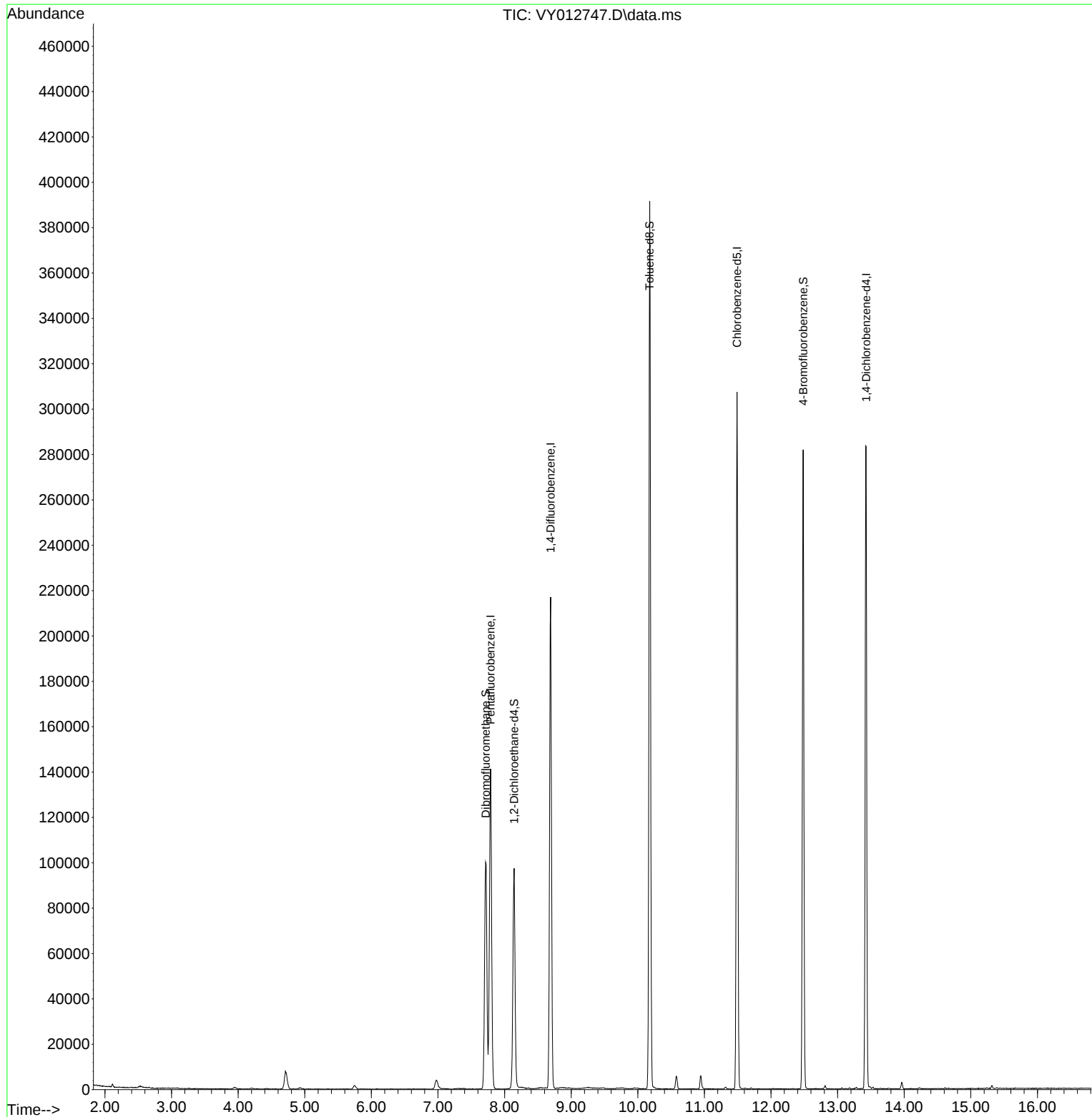
Target Compounds	Qvalue

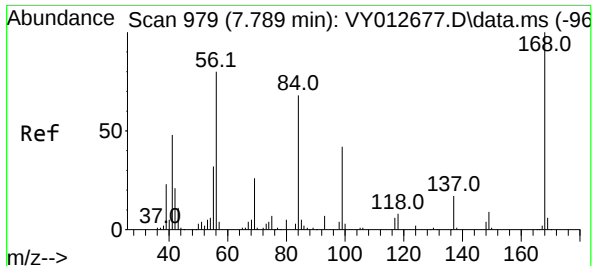
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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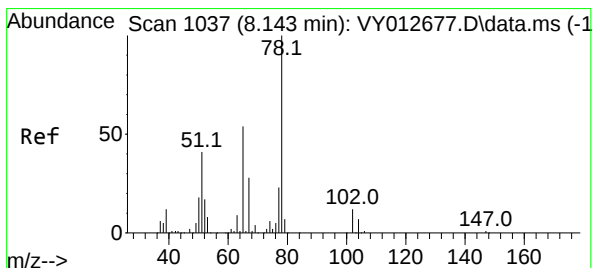
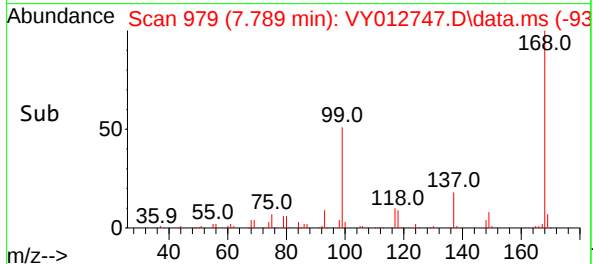
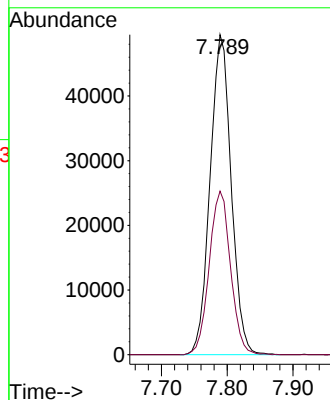
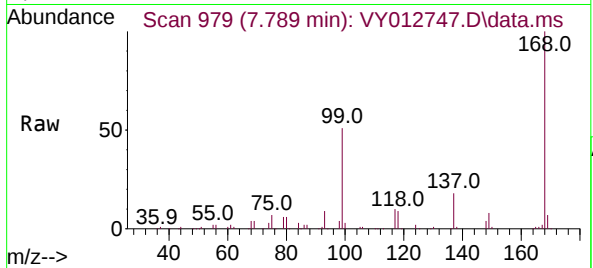




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

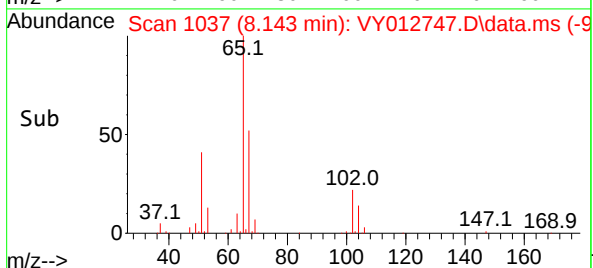
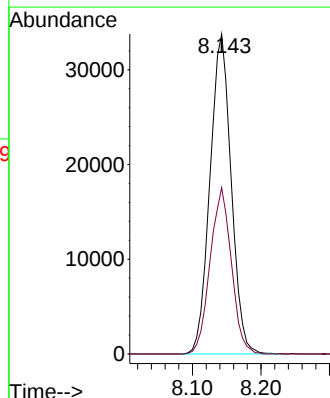
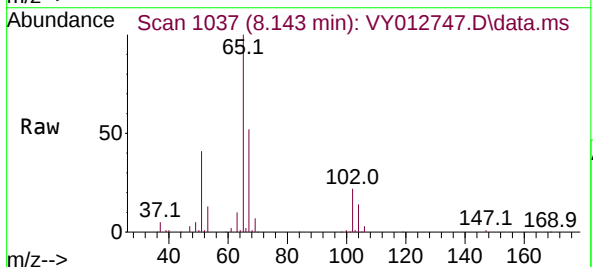
Instrument :
MSVOA_Y
ClientSampleId :
JB-1S

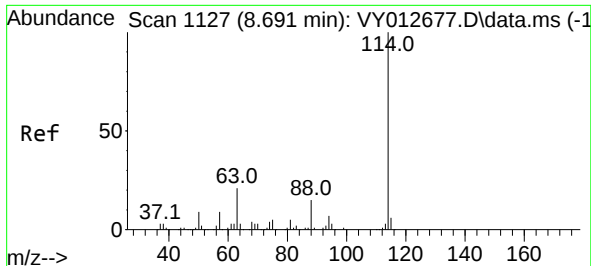
Tgt Ion:168 Resp: 110600
Ion Ratio Lower Upper
168 100
99 51.1 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 55.469 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Tgt Ion: 65 Resp: 72455
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6

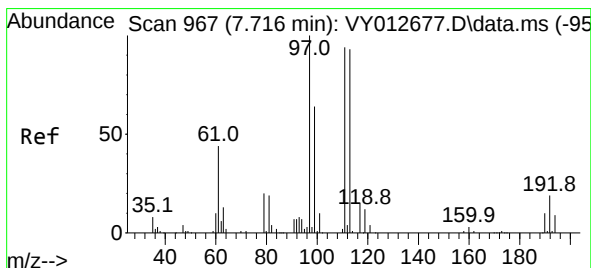
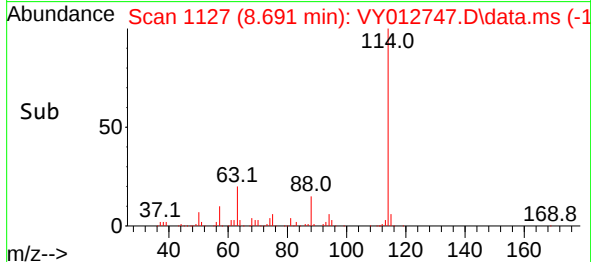
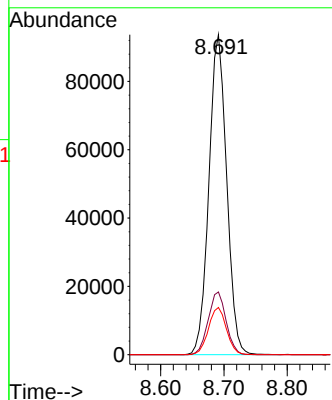
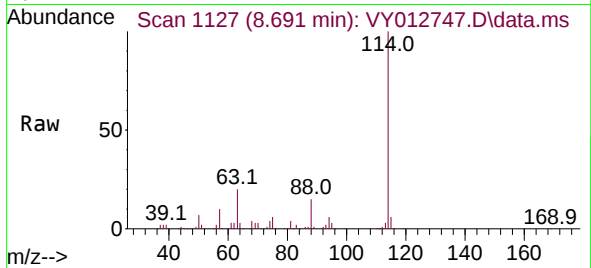




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

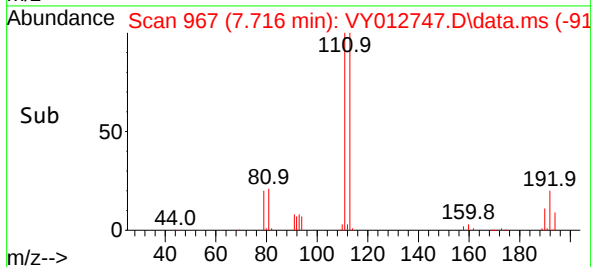
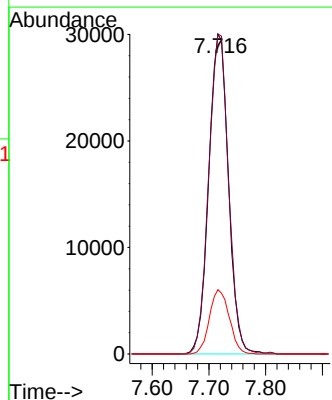
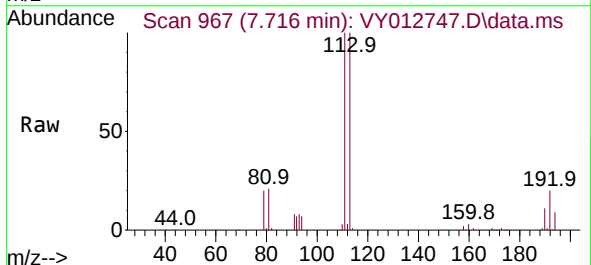
Instrument :
MSVOA_Y
ClientSampleId :
JB-1S

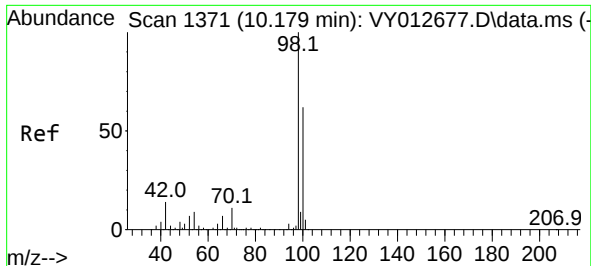
Tgt Ion:114 Resp: 182547
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 14.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 58.707 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Tgt Ion:113 Resp: 72385
Ion Ratio Lower Upper
113 100
111 100.8 82.0 123.0
192 20.3 16.2 24.2

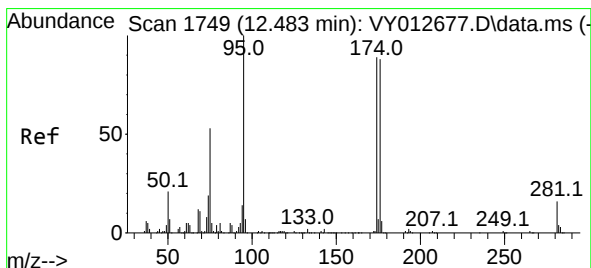
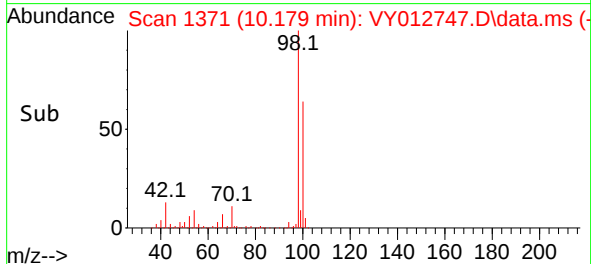
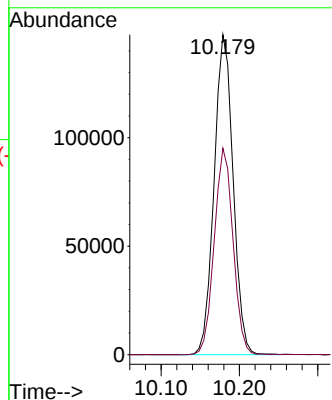
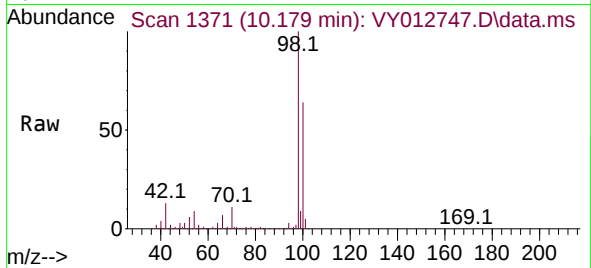




#50
Toluene-d8
Concen: 53.836 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

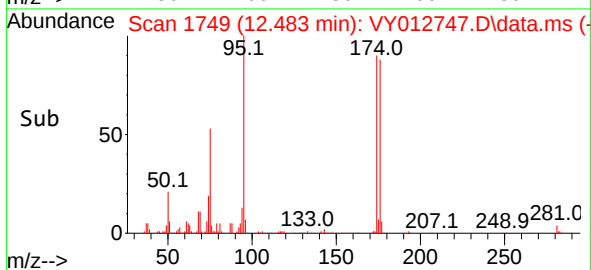
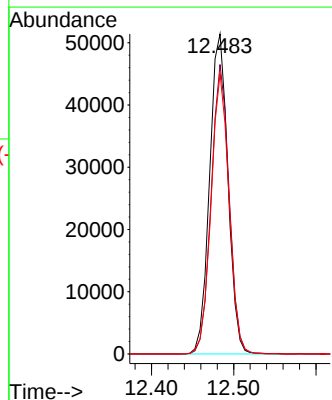
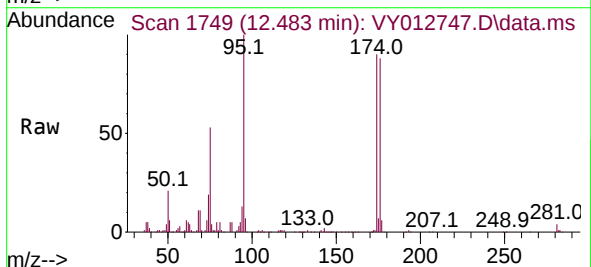
Instrument :
MSVOA_Y
ClientSampleId :
JB-1S

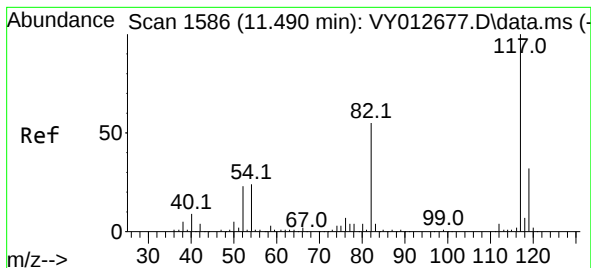
Tgt Ion: 98 Resp: 248684
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 53.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012747.D
Acq: 01 Mar 2023 13:40

Tgt Ion: 95 Resp: 79527
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.8
176 85.9 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012747.D

Acq: 01 Mar 2023 13:40

Instrument :

MSVOA_Y

ClientSampleId :

JB-1S

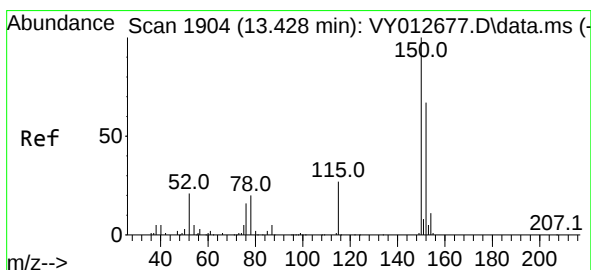
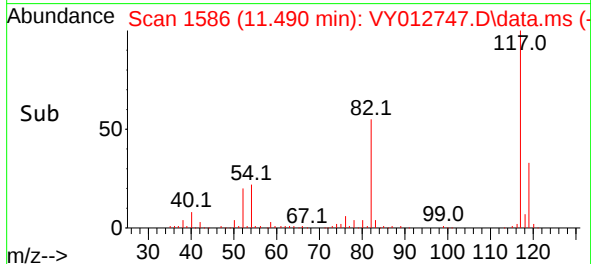
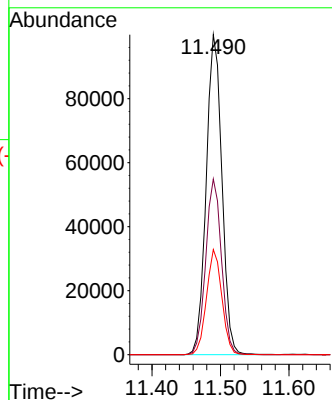
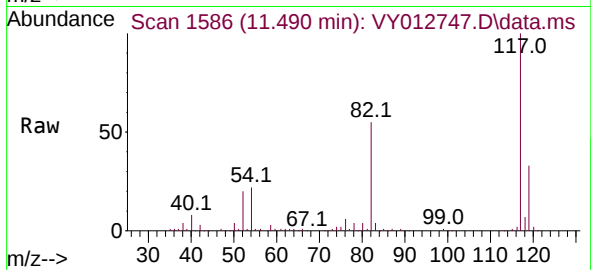
Tgt Ion:117 Resp: 159703

Ion Ratio Lower Upper

117 100

82 54.9 44.1 66.1

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012747.D

Acq: 01 Mar 2023 13:40

Tgt Ion:152 Resp: 75578

Ion Ratio Lower Upper

152 100

115 55.3 28.7 86.3

150 157.4 0.0 347.6

