

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012200.D
 Acq On : 16 Jan 2023 14:58
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 16 16:00:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 14:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	200790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110908	68.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.120%
35) Dibromofluoromethane	7.716	113	98709	56.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.320%
50) Toluene-d8	10.179	98	387593	65.561	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.120%
62) 4-Bromofluorobenzene	12.483	95	132598	53.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.980%

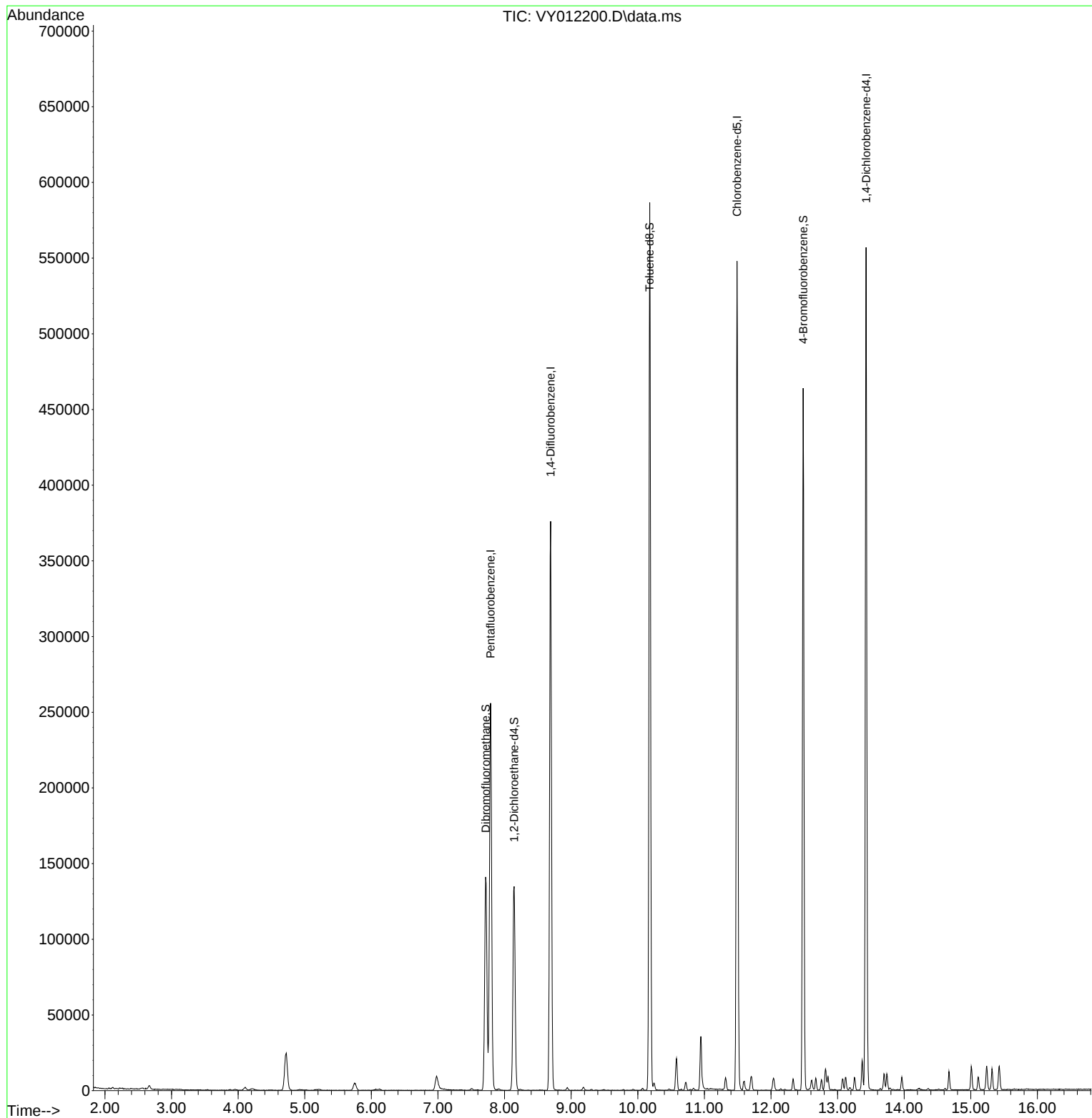
Target Compounds	Qvalue

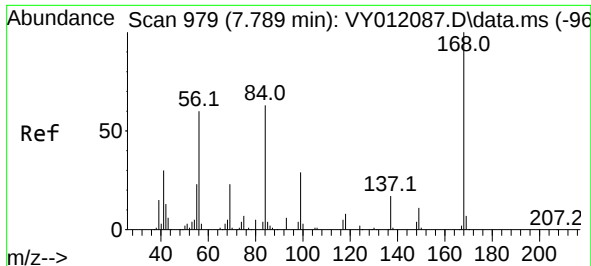
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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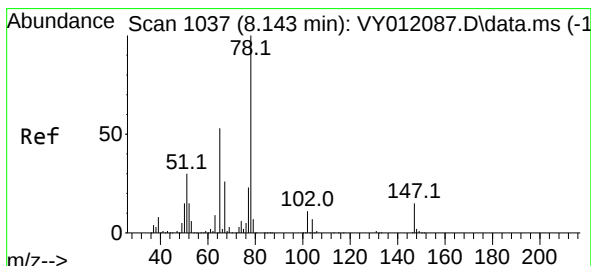
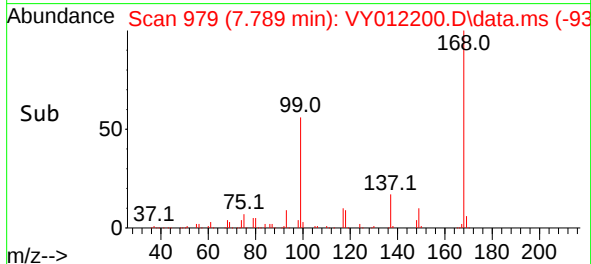
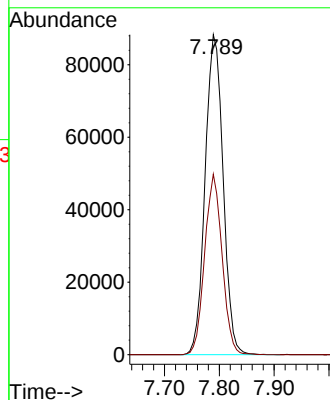
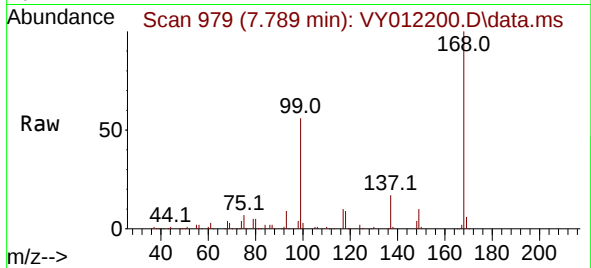




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012200.D
Acq: 16 Jan 2023 14:58

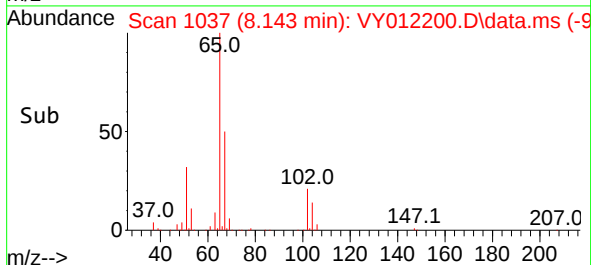
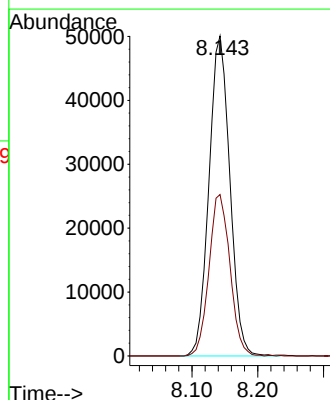
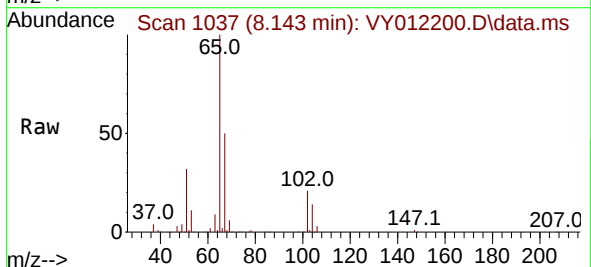
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

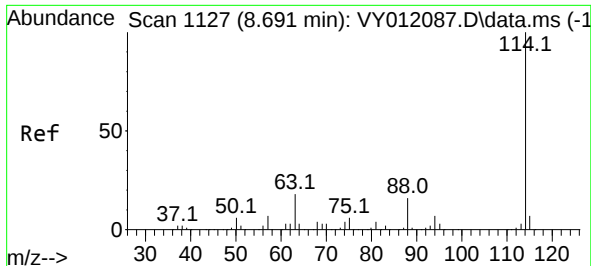
Tgt Ion:168 Resp: 200790
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 68.059 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012200.D
Acq: 16 Jan 2023 14:58

Tgt Ion: 65 Resp: 110908
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.2

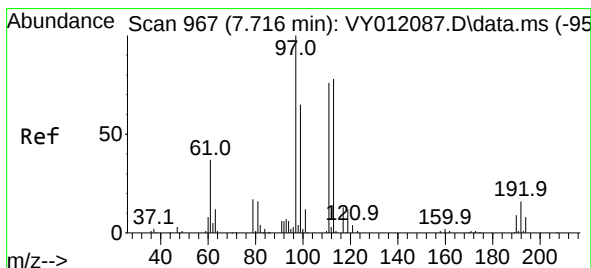
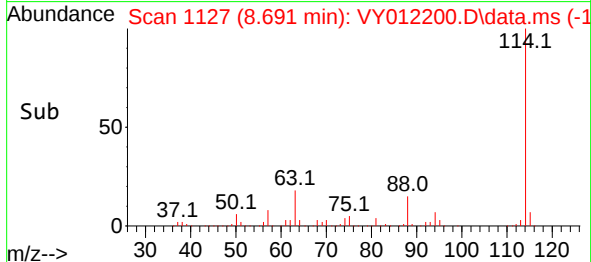
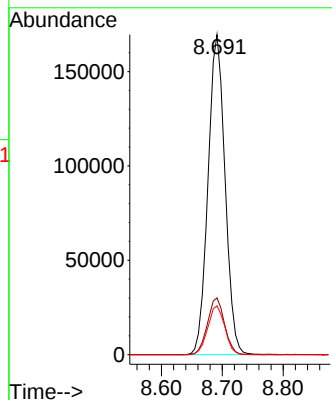
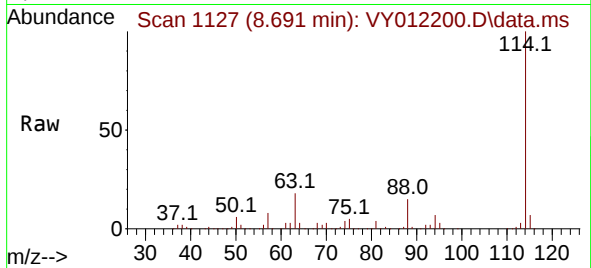




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012200.D
Acq: 16 Jan 2023 14:58

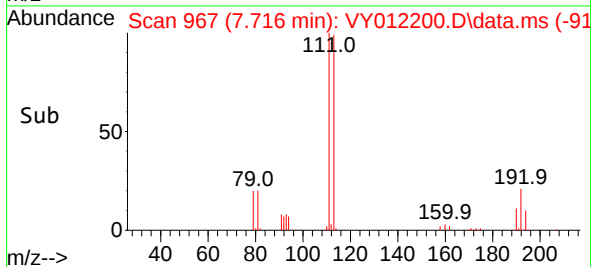
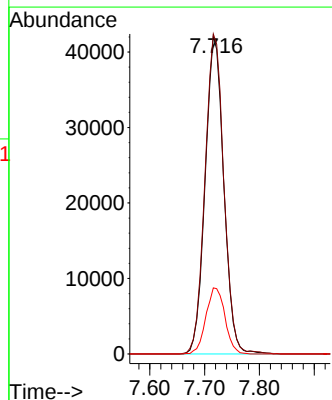
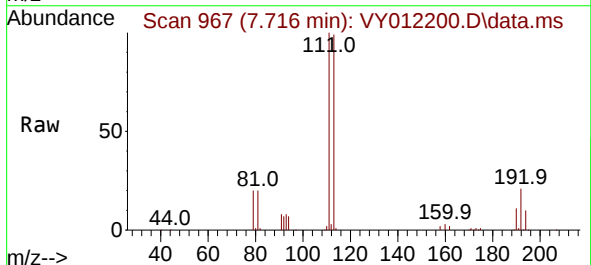
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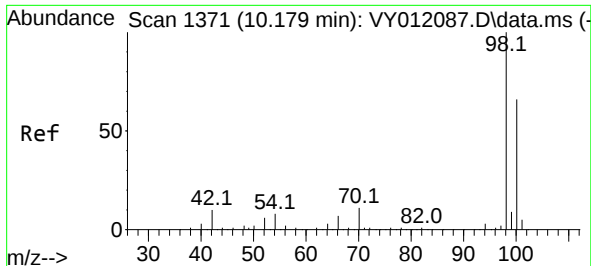
Tgt Ion:114 Resp: 329011
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 15.3 0.0 32.2



#35
Dibromofluoromethane
Concen: 56.660 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012200.D
Acq: 16 Jan 2023 14:58

Tgt Ion:113 Resp: 98709
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 21.3 16.0 24.0

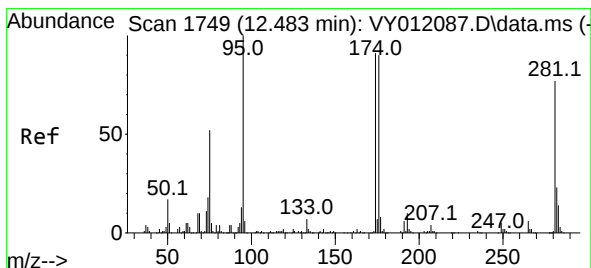
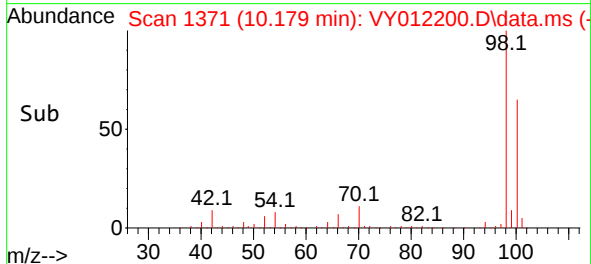
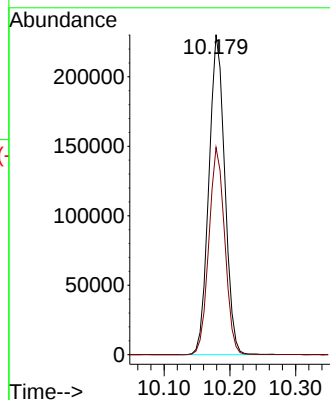
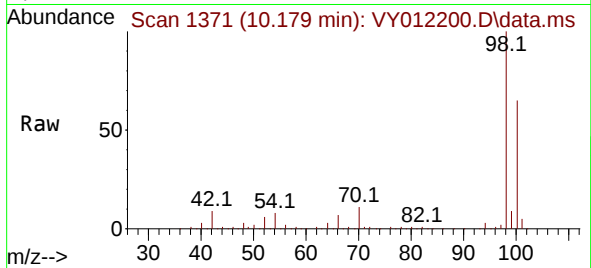




#50
Toluene-d8
Concen: 65.561 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012200.D
Acq: 16 Jan 2023 14:58

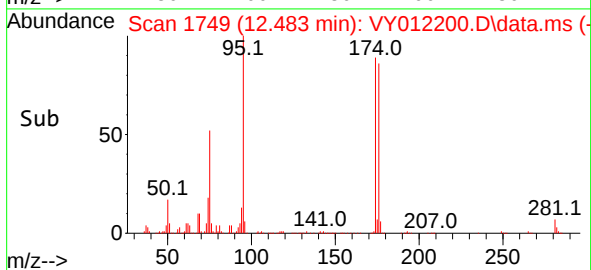
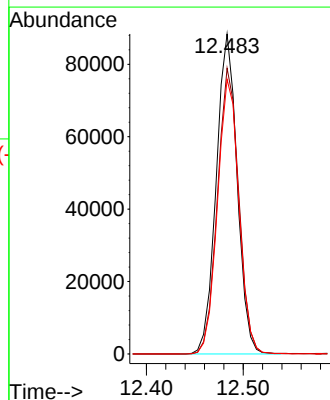
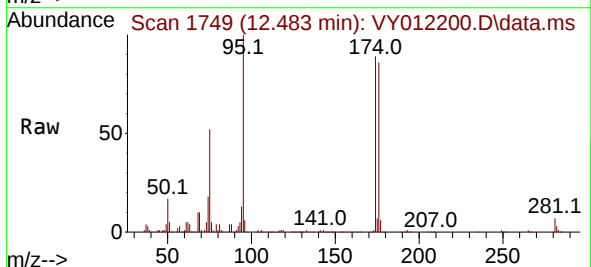
Instrument :
MSVOA_Y
ClientSampleId :
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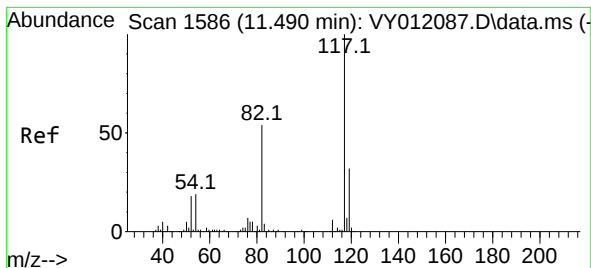
Tgt Ion: 98 Resp: 387593
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012200.D
Acq: 16 Jan 2023 14:58

Tgt Ion: 95 Resp: 132598
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 87.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012200.D

Acq: 16 Jan 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

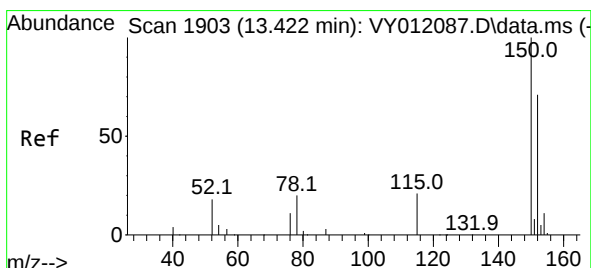
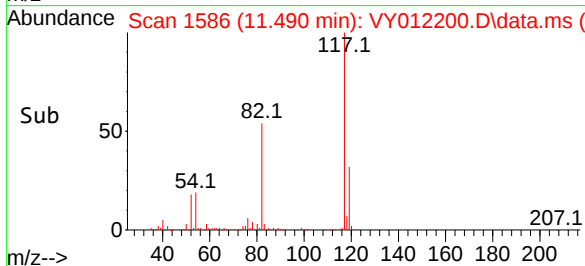
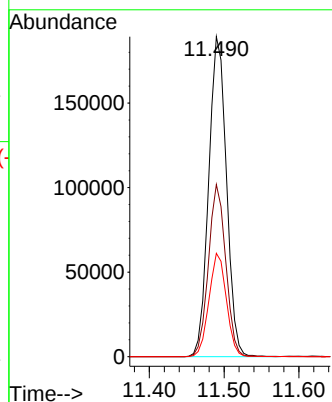
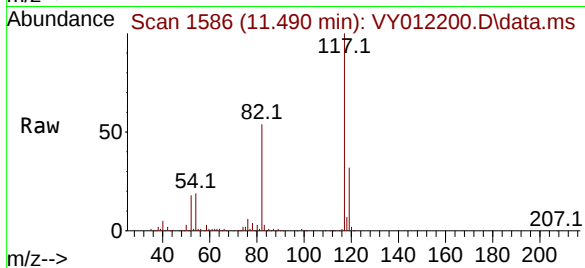
Tgt Ion:117 Resp: 312461

Ion Ratio Lower Upper

117 100

82 53.8 44.8 67.2

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012200.D

Acq: 16 Jan 2023 14:58

Tgt Ion:152 Resp: 146299

Ion Ratio Lower Upper

152 100

115 57.2 29.1 87.3

150 158.0 0.0 342.6

