

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013327.D
 Acq On : 14 Apr 2023 18:28
 Operator : KP/MD
 Sample : 02324-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3419

Quant Time: Apr 17 02:15:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	211225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	317930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	128648	50.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.360%
35) Dibromofluoromethane	7.710	113	112338	52.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.020%
50) Toluene-d8	10.173	98	415486	52.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.477	95	138075	53.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.740%

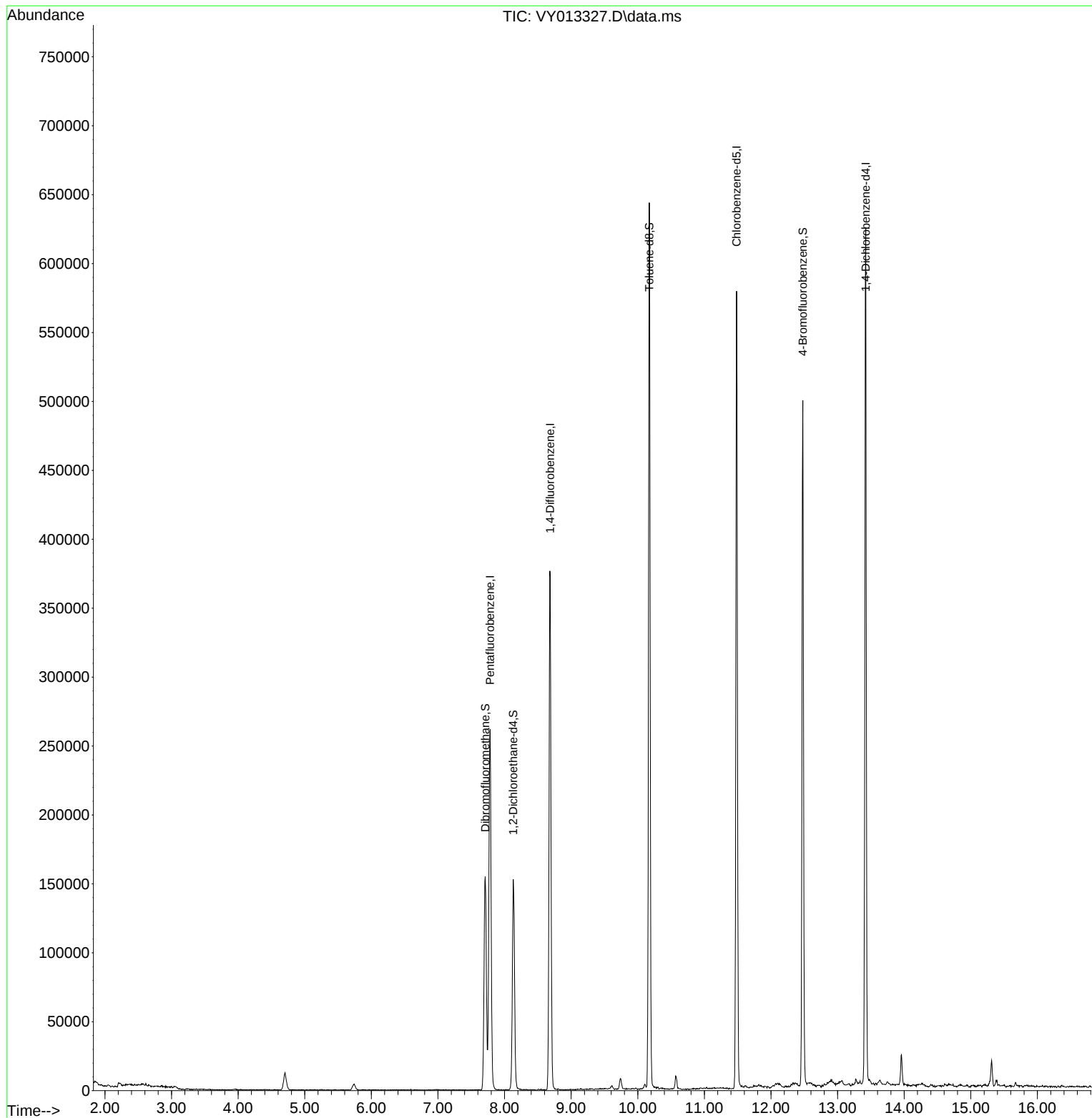
Target Compounds	Qvalue

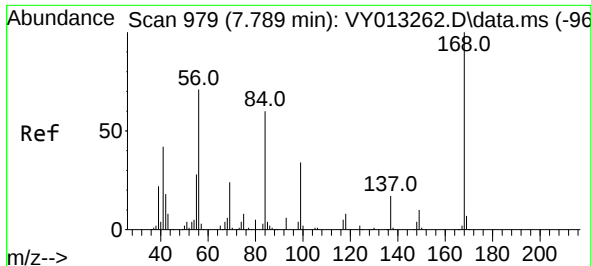
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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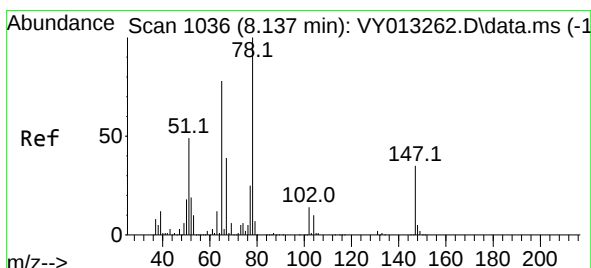
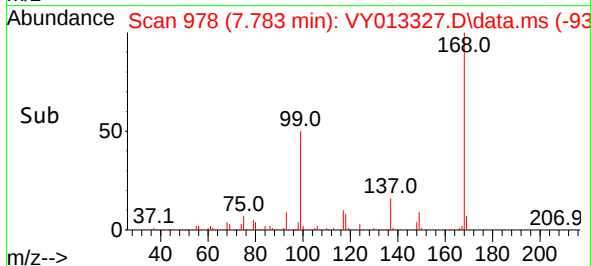
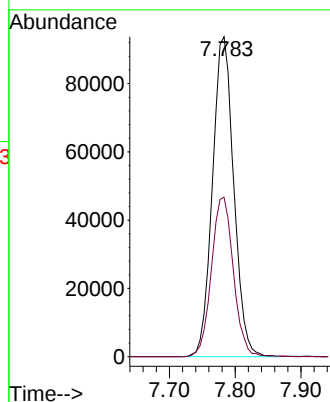
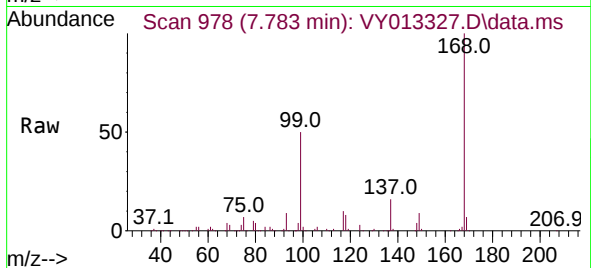




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013327.D
Acq: 14 Apr 2023 18:28

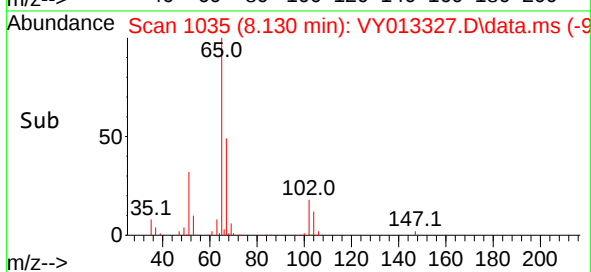
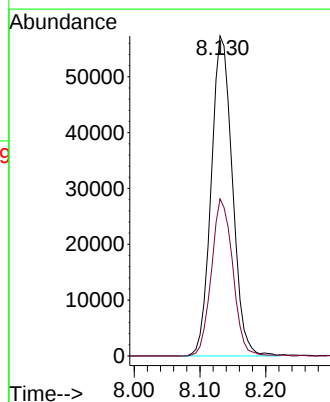
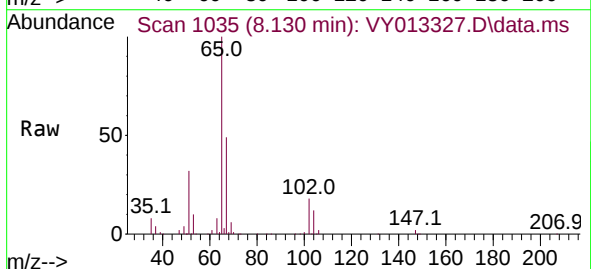
Instrument :
MSVOA_Y
ClientSampleId :
RT-3419

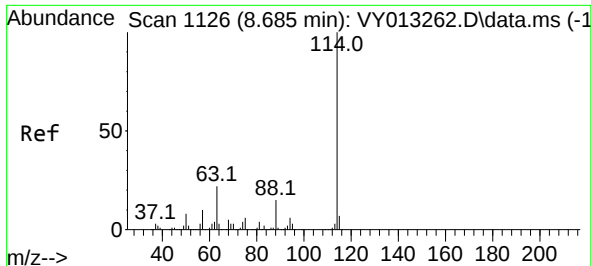
Tgt Ion:168 Resp: 211225
Ion Ratio Lower Upper
168 100
99 49.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 50.680 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013327.D
Acq: 14 Apr 2023 18:28

Tgt Ion: 65 Resp: 128648
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013327.D

Acq: 14 Apr 2023 18:28

Instrument :

MSVOA_Y

ClientSampleId :

RT-3419

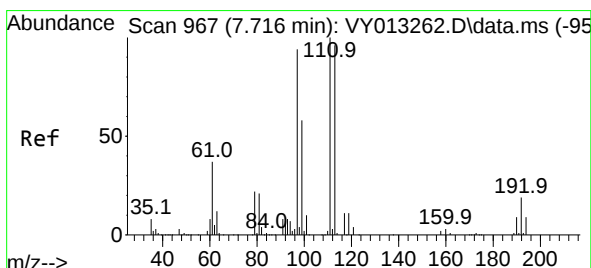
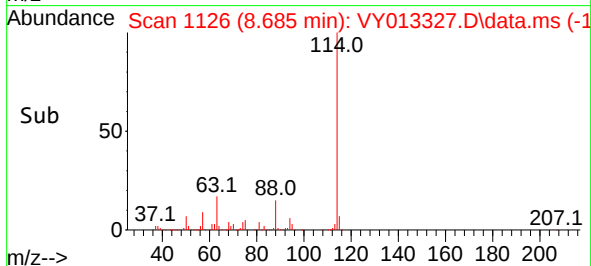
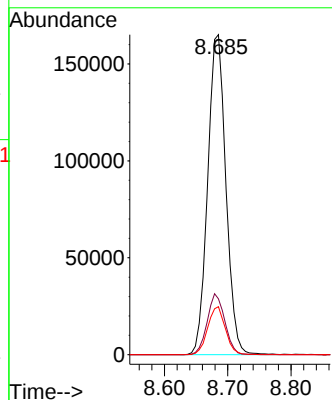
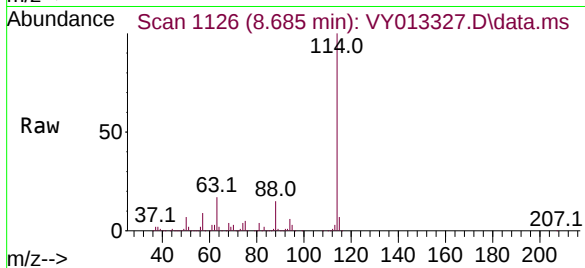
Tgt Ion:114 Resp: 330462

Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 52.509 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013327.D

Acq: 14 Apr 2023 18:28

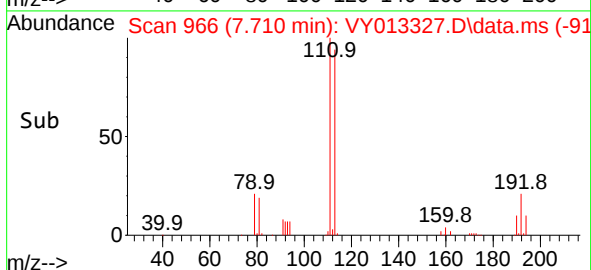
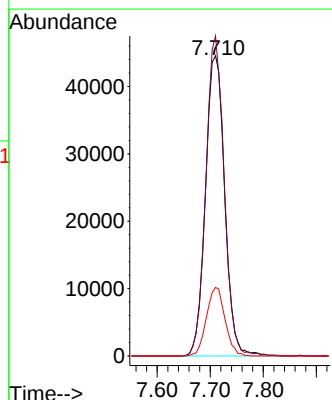
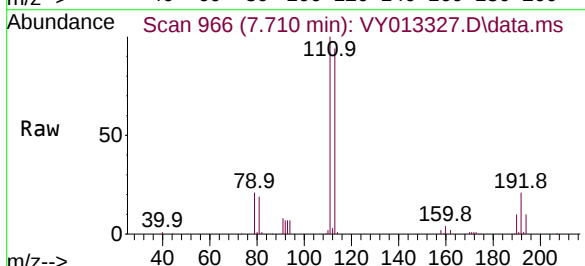
Tgt Ion:113 Resp: 112338

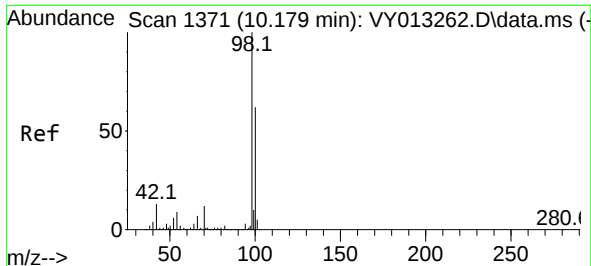
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 22.0 16.8 25.2

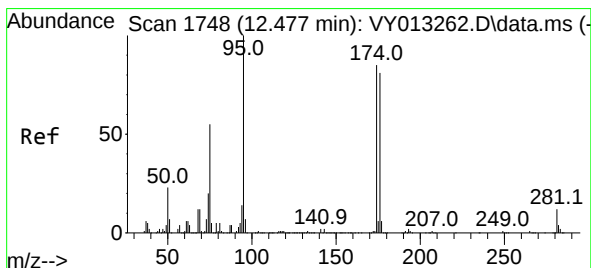
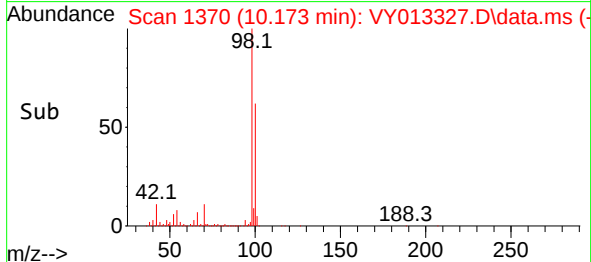
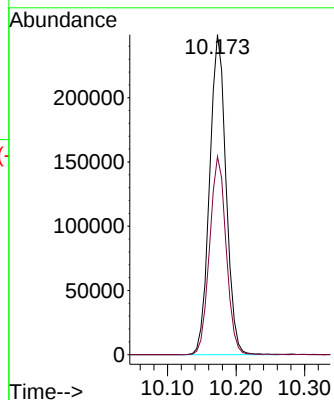
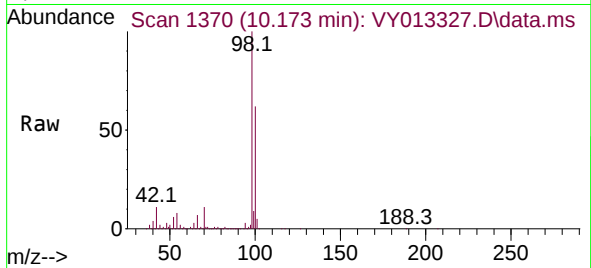




#50
Toluene-d8
Concen: 52.176 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013327.D
Acq: 14 Apr 2023 18:28

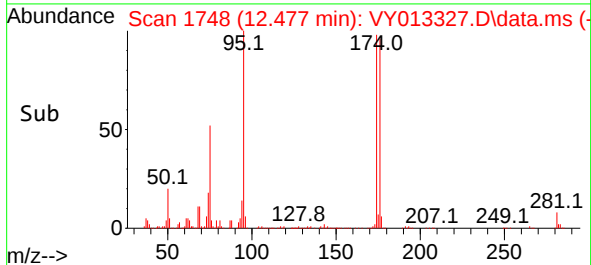
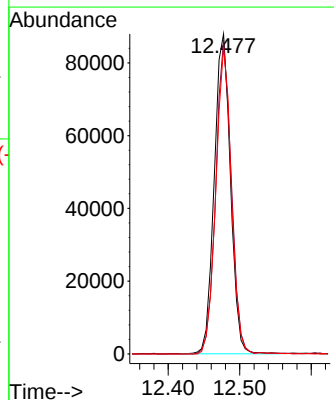
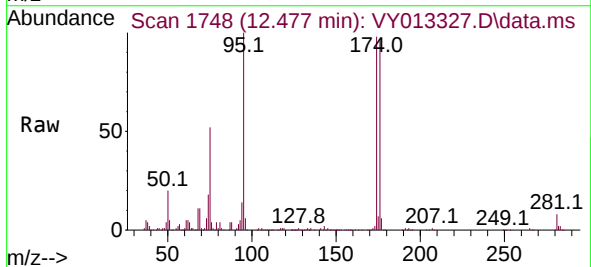
Instrument :
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RT-3419

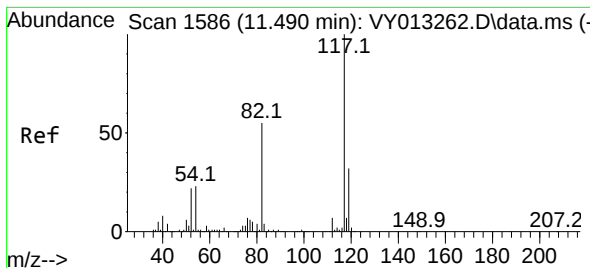
Tgt Ion: 98 Resp: 415486
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 53.366 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013327.D
Acq: 14 Apr 2023 18:28

Tgt Ion: 95 Resp: 138075
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 91.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013327.D

Acq: 14 Apr 2023 18:28

Instrument :

MSVOA_Y

ClientSampleId :

RT-3419

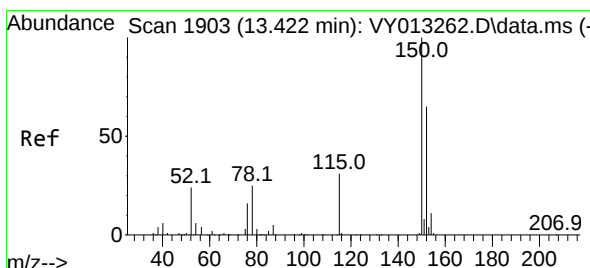
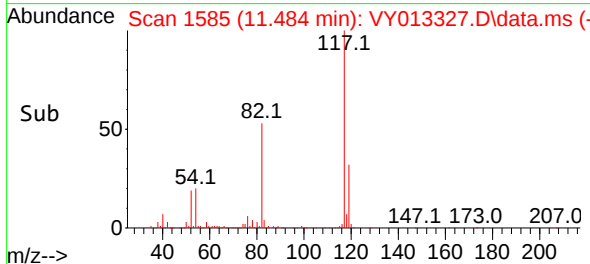
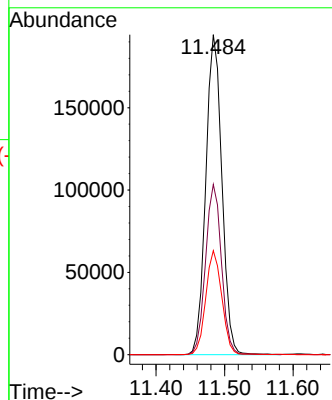
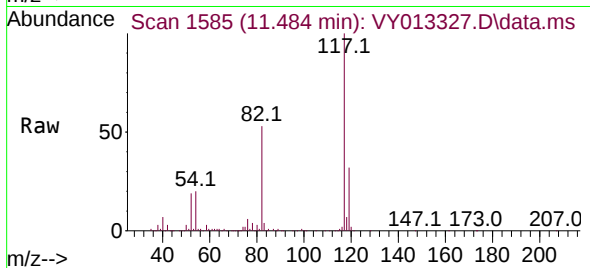
Tgt Ion:117 Resp: 317930

Ion Ratio Lower Upper

117 100

82 53.2 45.4 68.0

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013327.D

Acq: 14 Apr 2023 18:28

Tgt Ion:152 Resp: 153046

Ion Ratio Lower Upper

152 100

115 56.9 27.1 81.3

150 158.4 0.0 347.8

