

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009297.D
 Acq On : 23 Jun 2022 16:20
 Operator : KP/MD
 Sample : N3462-02
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-7-9-20220622

Quant Time: Jun 24 09:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	193286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	117704	55.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.900%
35) Dibromofluoromethane	7.710	113	103283	47.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.360%
50) Toluene-d8	10.179	98	399813	48.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.483	95	138270	47.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.580%

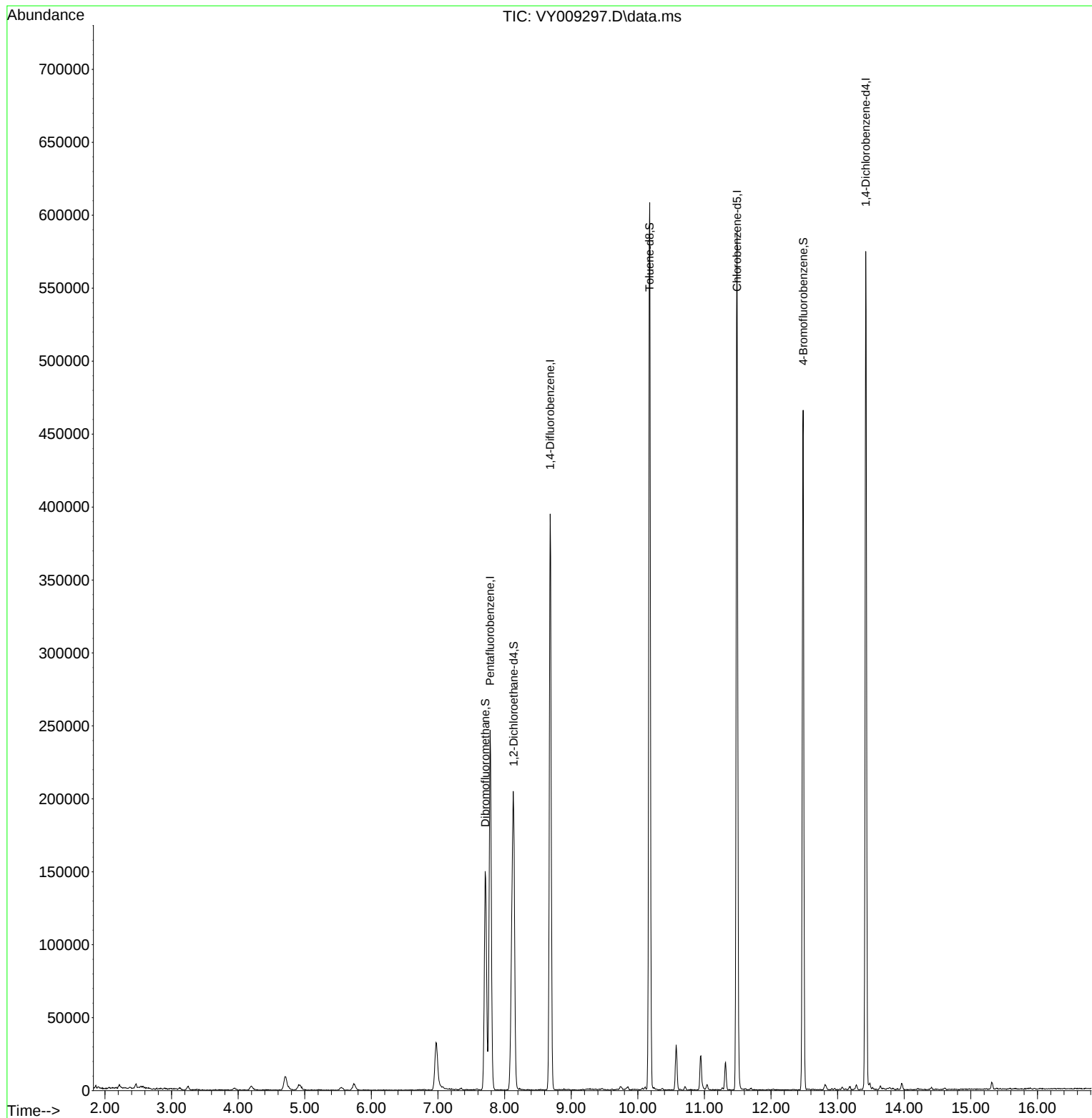
Target Compounds	Qvalue

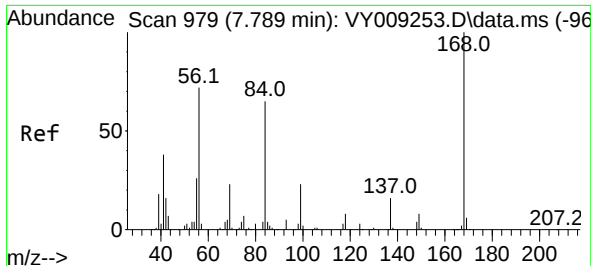
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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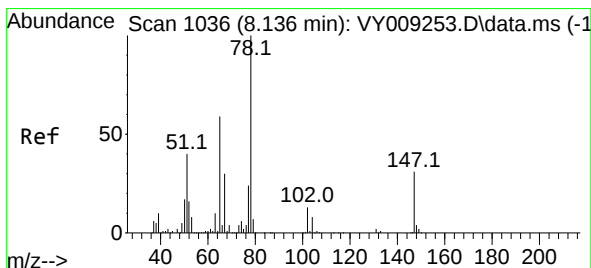
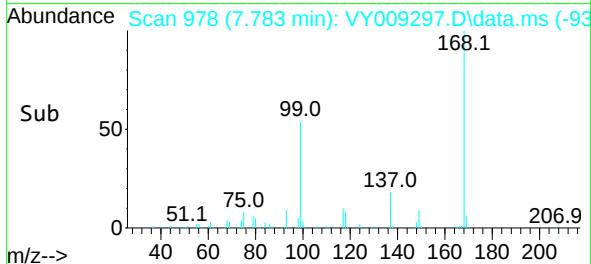
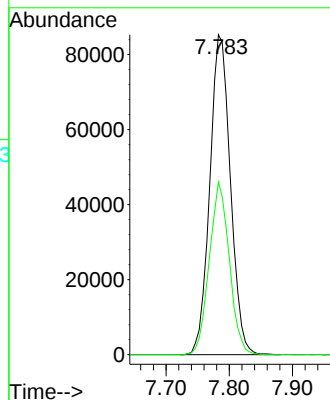
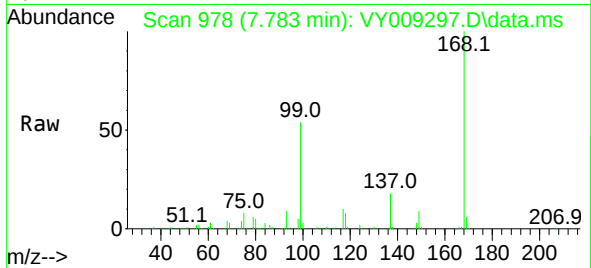




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009297.D
Acq: 23 Jun 2022 16:20

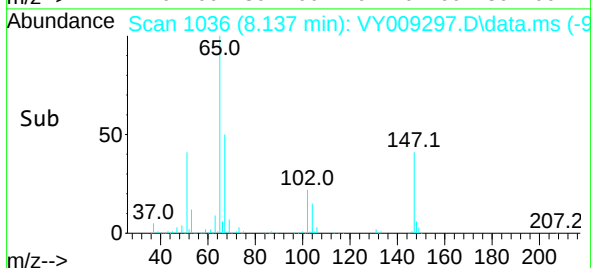
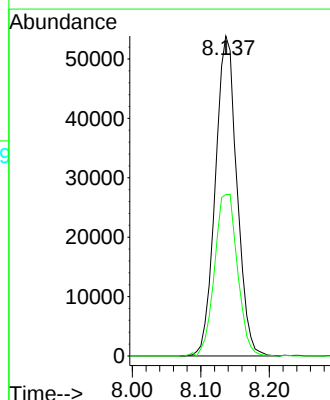
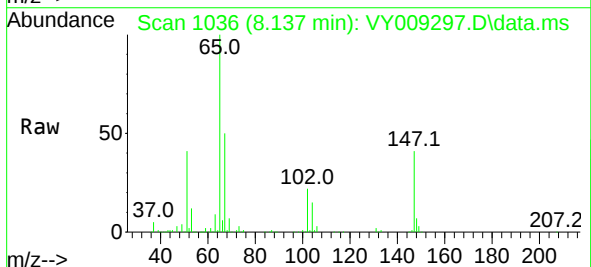
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-7-9-20220622

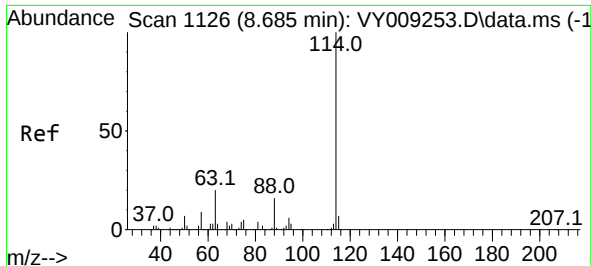
Tgt Ion:168 Resp: 193286
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.448 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009297.D
Acq: 23 Jun 2022 16:20

Tgt Ion: 65 Resp: 117704
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009297.D

Acq: 23 Jun 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-7-9-20220622

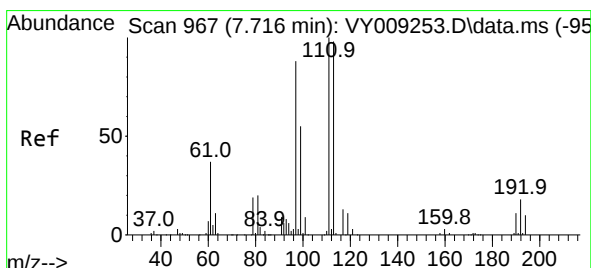
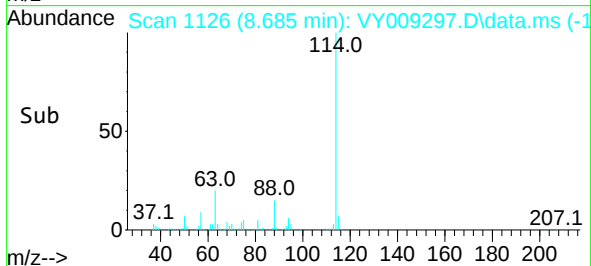
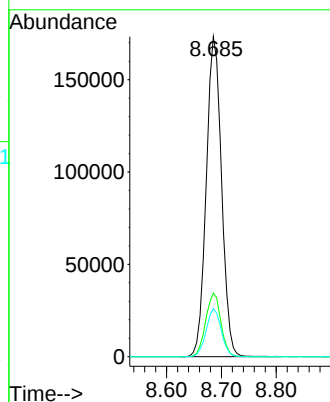
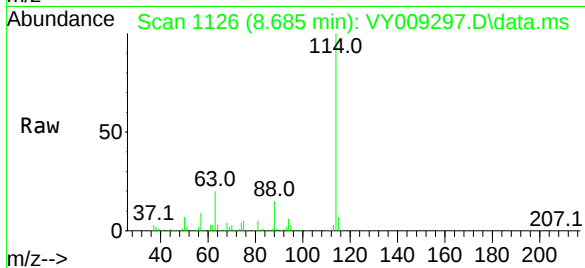
Tgt Ion:114 Resp: 334451

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.684 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009297.D

Acq: 23 Jun 2022 16:20

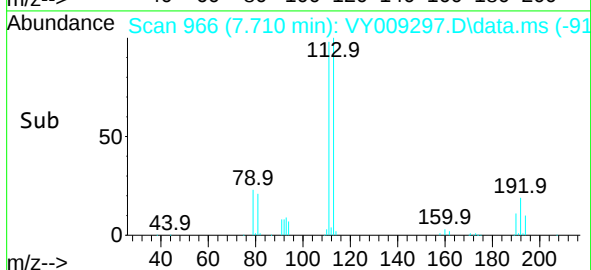
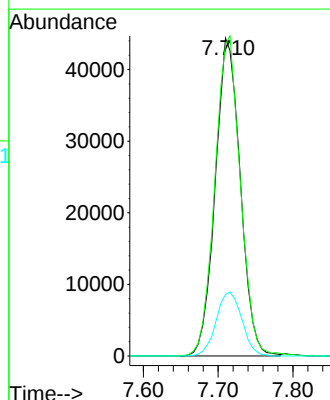
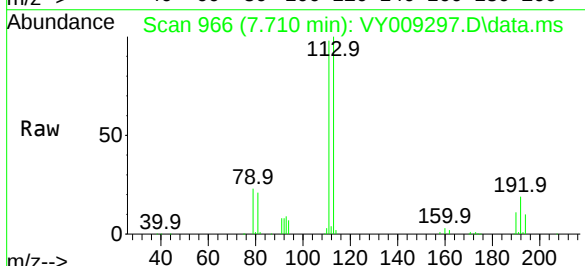
Tgt Ion:113 Resp: 103283

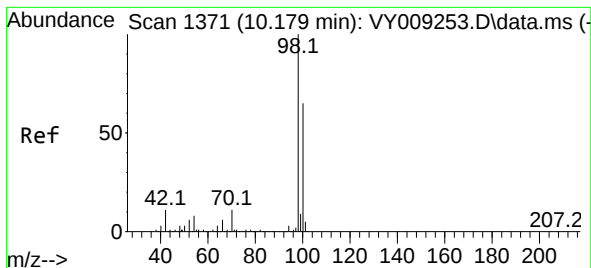
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.7 17.6 26.4

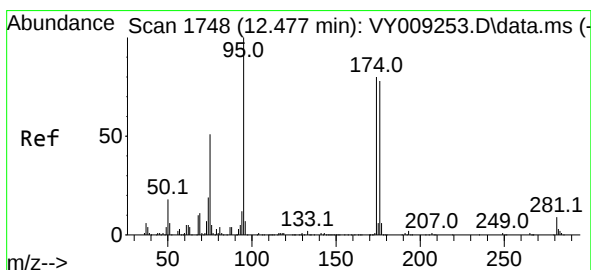
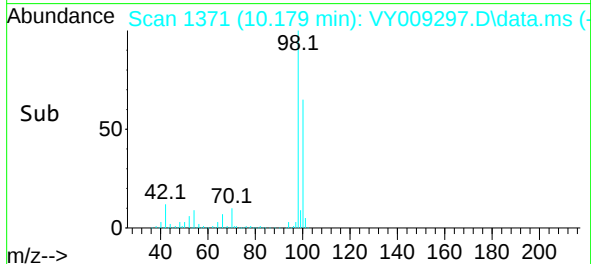
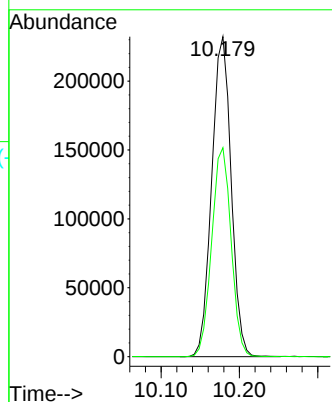
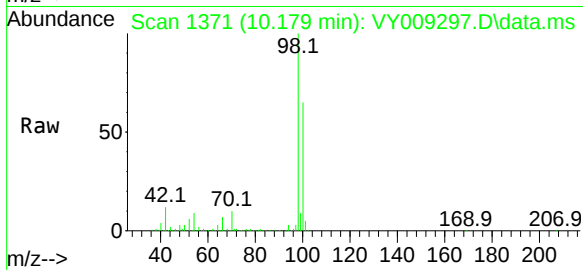




#50
Toluene-d8
Concen: 48.051 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009297.D
Acq: 23 Jun 2022 16:20

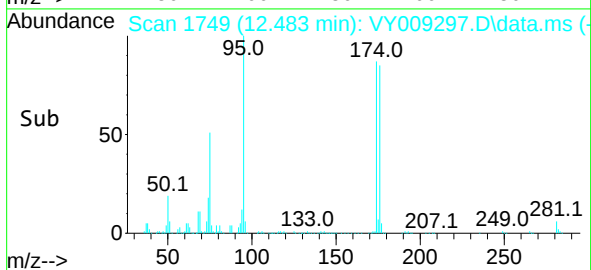
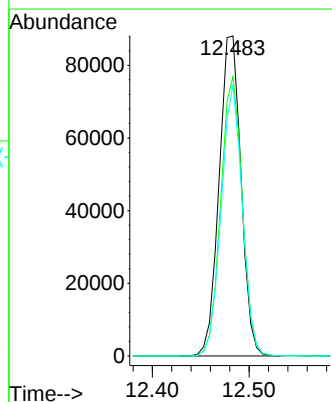
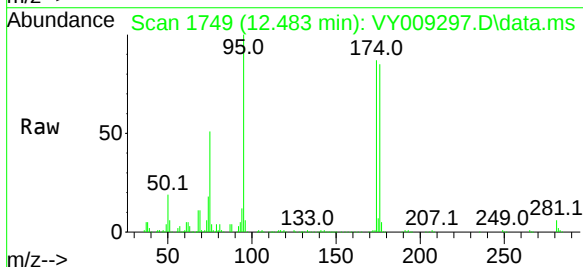
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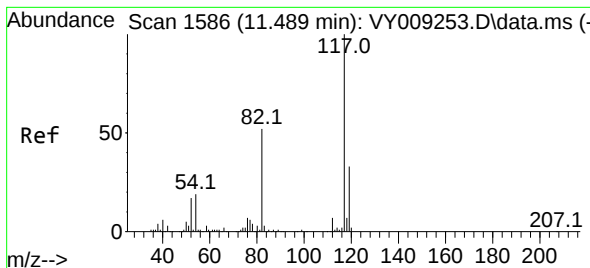
Tgt Ion: 98 Resp: 399813
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009297.D
Acq: 23 Jun 2022 16:20

Tgt Ion: 95 Resp: 138270
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 81.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009297.D

Acq: 23 Jun 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-8-7-9-20220622

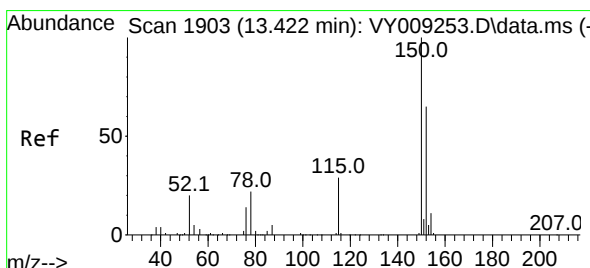
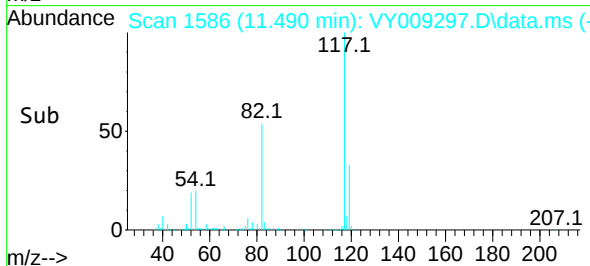
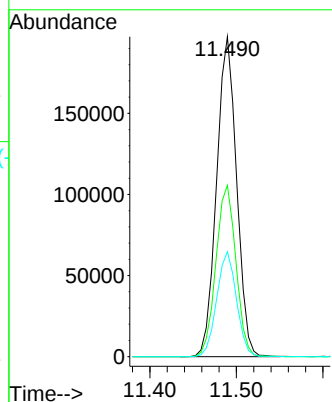
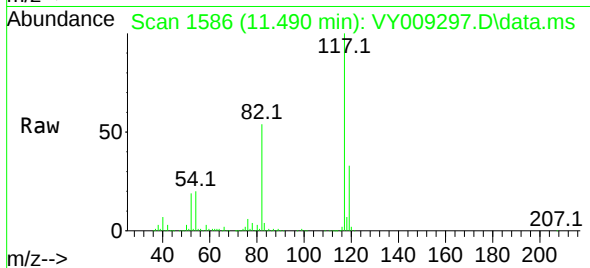
Tgt Ion:117 Resp: 316673

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 32.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009297.D

Acq: 23 Jun 2022 16:20

Tgt Ion:152 Resp: 145972

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 157.3 0.0 347.6

