

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009599.D
 Acq On : 19 Jul 2022 19:00
 Operator : KP/MD
 Sample : N3652-02
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-7-(6-12)

Quant Time: Jul 20 02:45:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	277638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	447016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	214129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123177	46.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.820%
35) Dibromofluoromethane	7.710	113	120222	40.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.680%
50) Toluene-d8	10.173	98	468349	41.381	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.760%
62) 4-Bromofluorobenzene	12.477	95	167386	45.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	91.280%

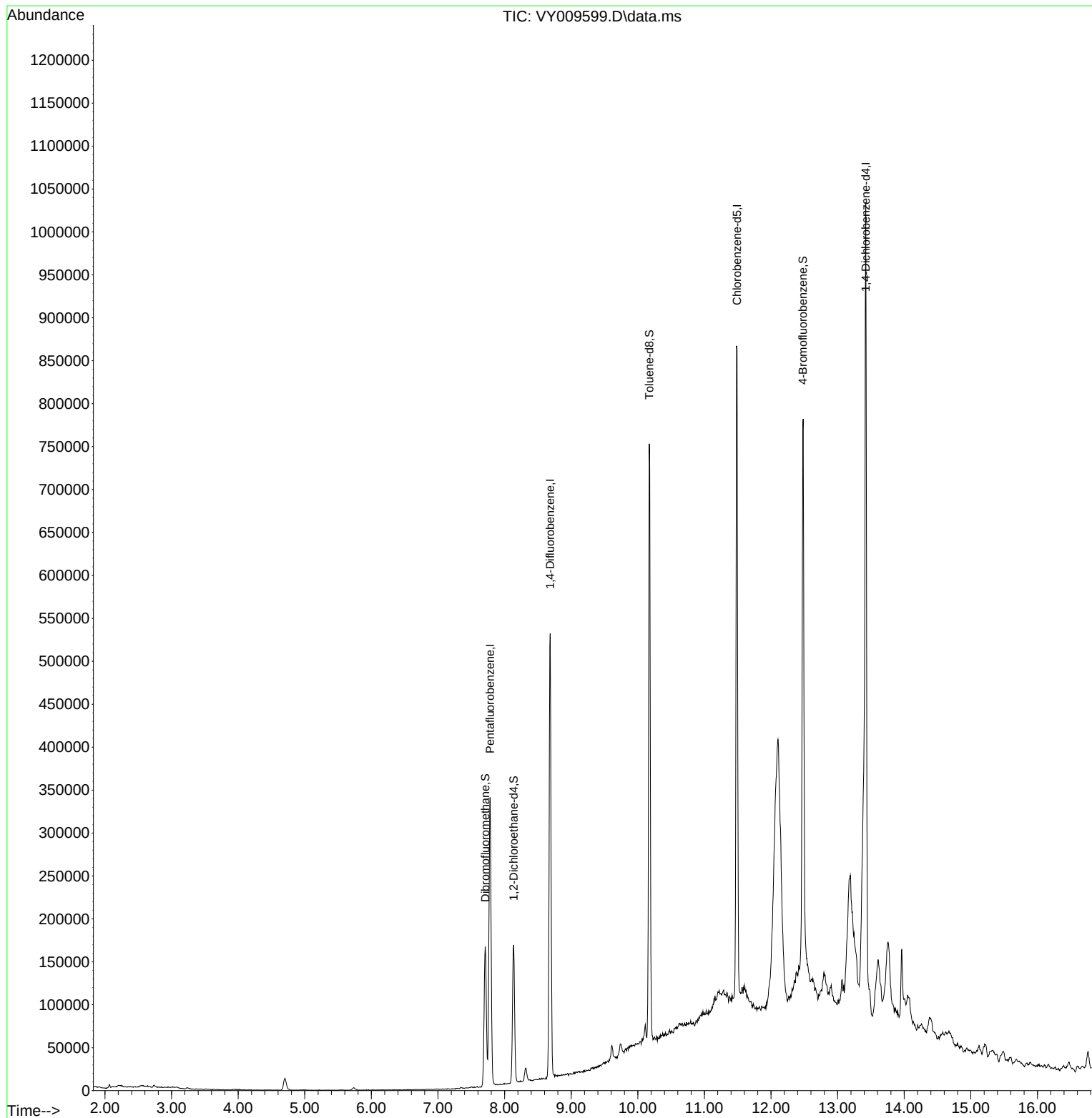
Target Compounds	Qvalue

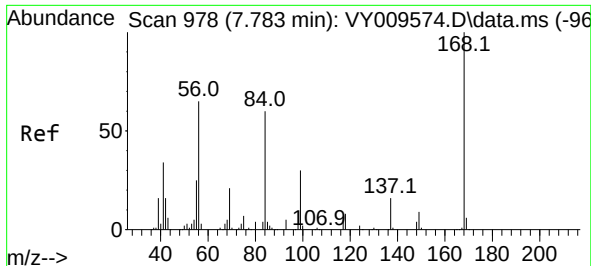
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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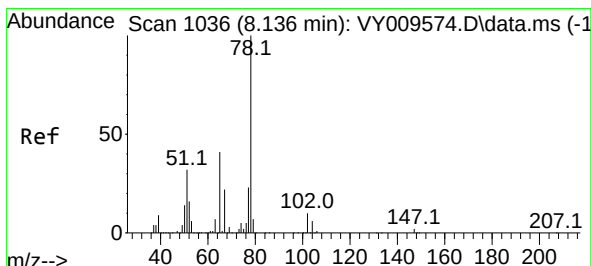
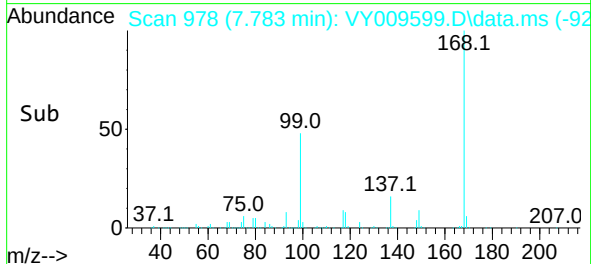
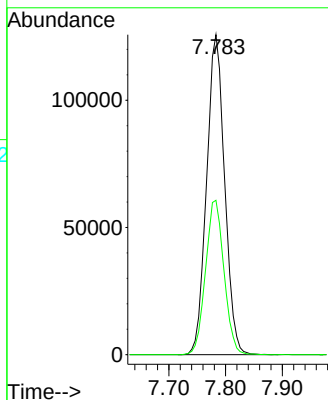
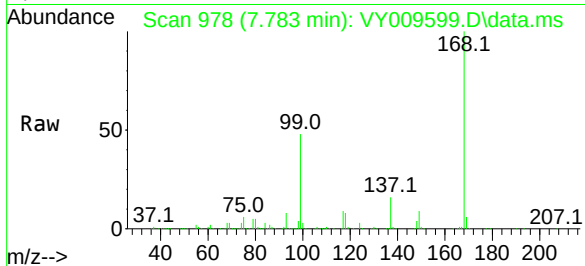




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

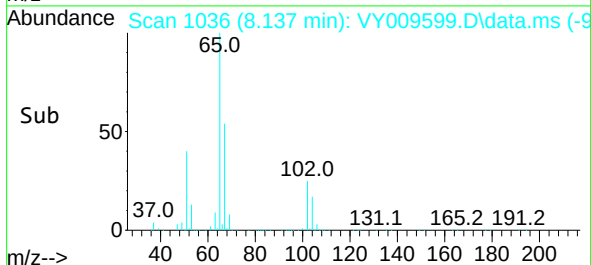
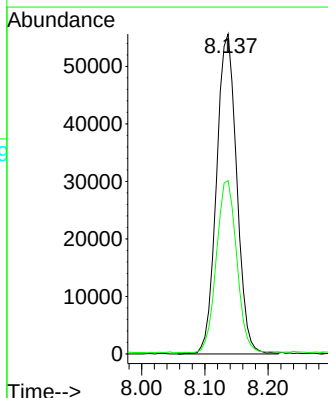
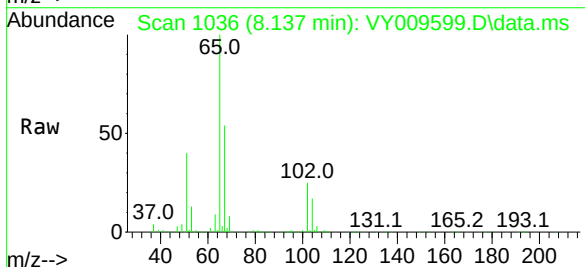
Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(6-12)

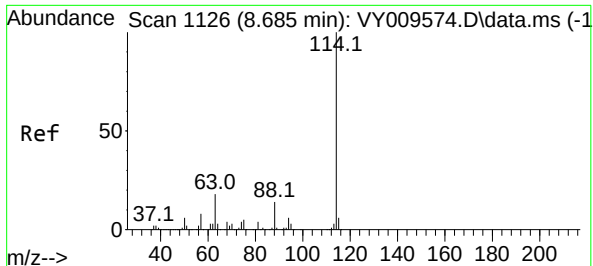
Tgt Ion:168 Resp: 277638
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.911 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 65 Resp: 123177
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009599.D

Acq: 19 Jul 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

SED-7-(6-12)

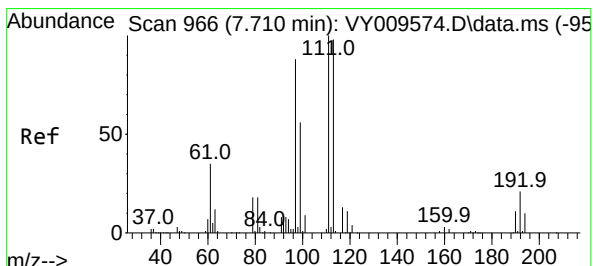
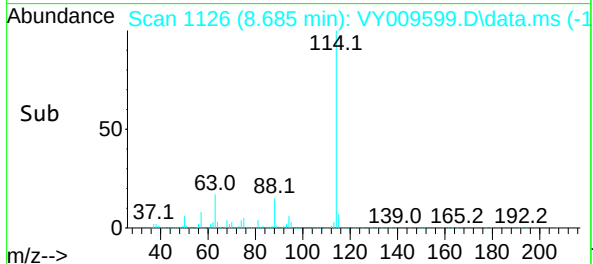
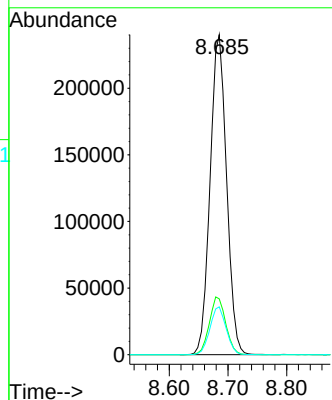
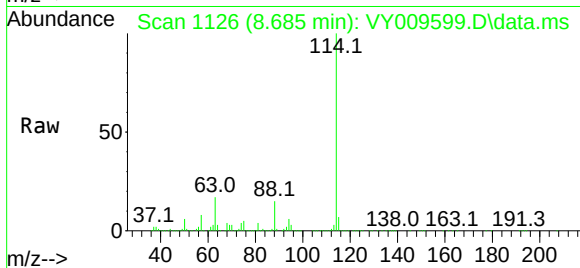
Tgt Ion:114 Resp: 467318

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.835 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009599.D

Acq: 19 Jul 2022 19:00

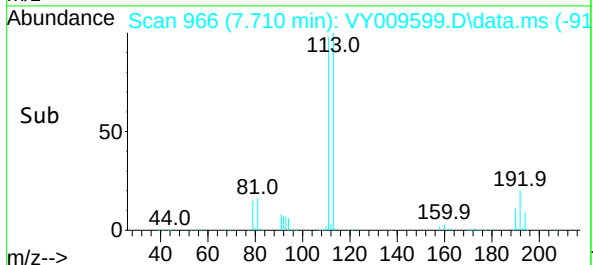
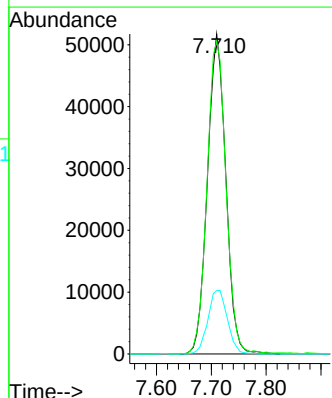
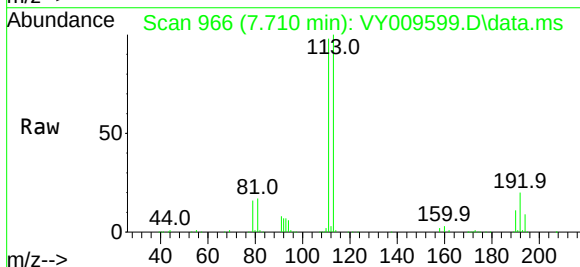
Tgt Ion:113 Resp: 120222

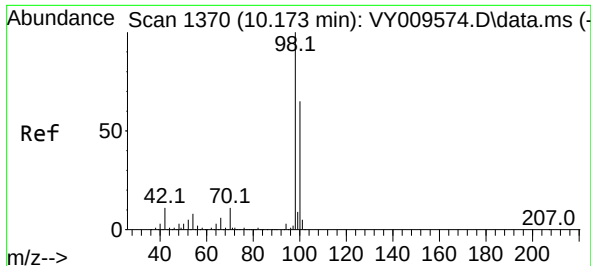
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 21.1 17.6 26.4

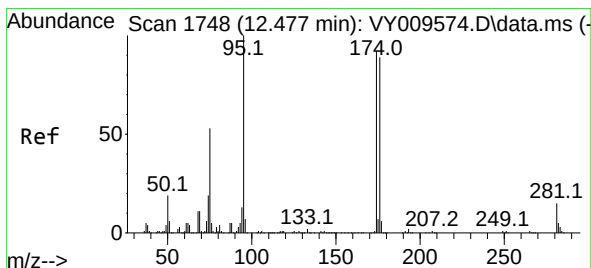
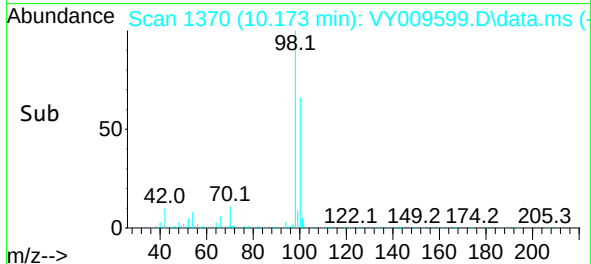
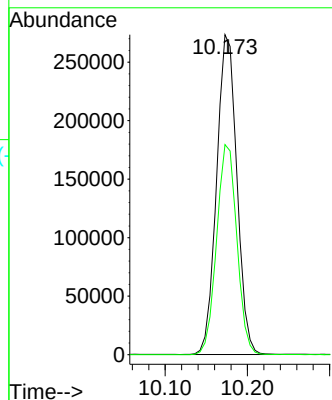
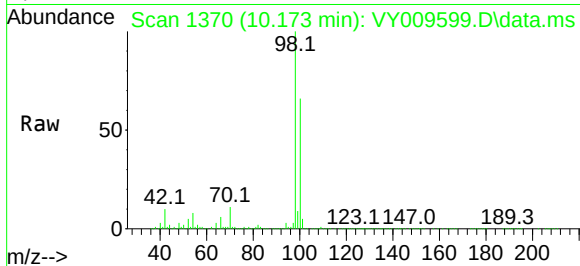




#50
Toluene-d8
Concen: 41.381 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

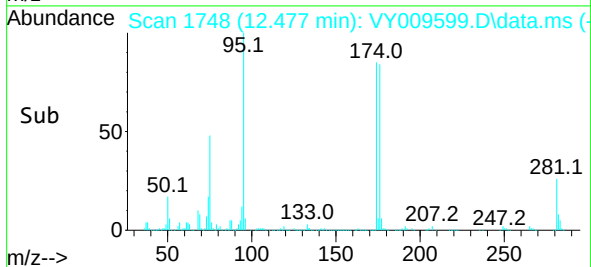
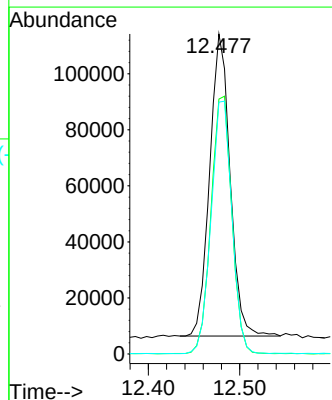
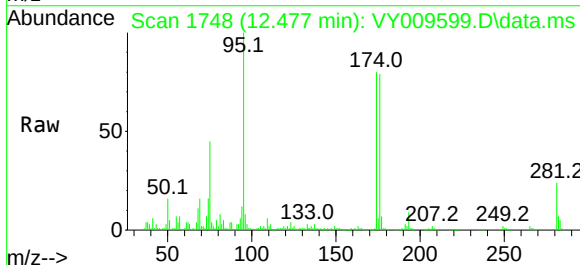
Instrument :
MSVOA_Y
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SED-7-(6-12)

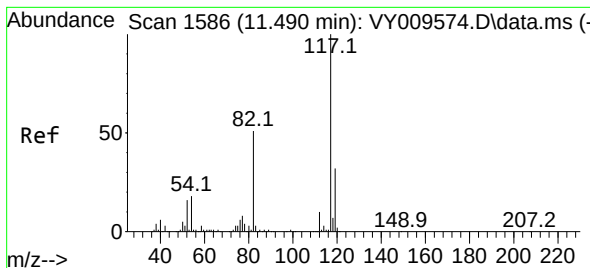
Tgt Ion: 98 Resp: 468349
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.642 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009599.D
Acq: 19 Jul 2022 19:00

Tgt Ion: 95 Resp: 167386
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 85.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009599.D

Acq: 19 Jul 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

SED-7-(6-12)

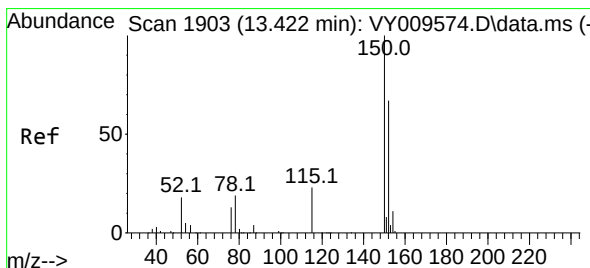
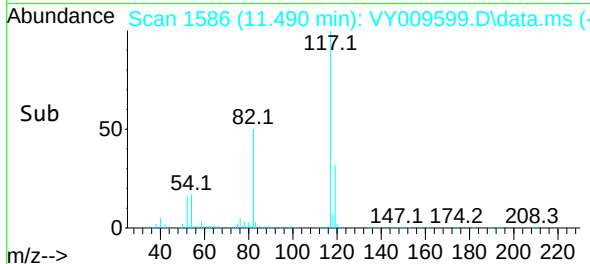
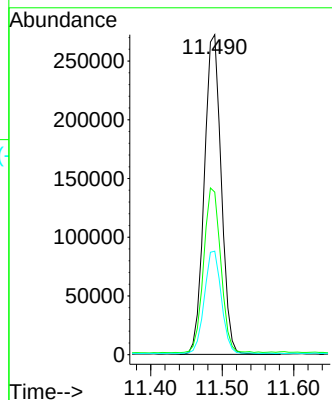
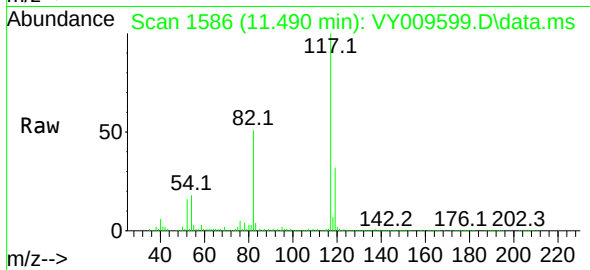
Tgt Ion:117 Resp: 447016

Ion Ratio Lower Upper

117 100

82 50.2 43.0 64.4

119 32.0 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: VY009599.D

Acq: 19 Jul 2022 19:00

Tgt Ion:152 Resp: 214129

Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 151.2 0.0 347.6

