

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009595.D
 Acq On : 19 Jul 2022 17:26
 Operator : KP/MD
 Sample : N3651-06
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-5-(6-12)

Quant Time: Jul 20 02:45:08 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	216400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	354573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93129	45.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.000%
35) Dibromofluoromethane	7.710	113	90184	40.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.173	98	354549	41.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.580%
62) 4-Bromofluorobenzene	12.477	95	110255	39.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.240%

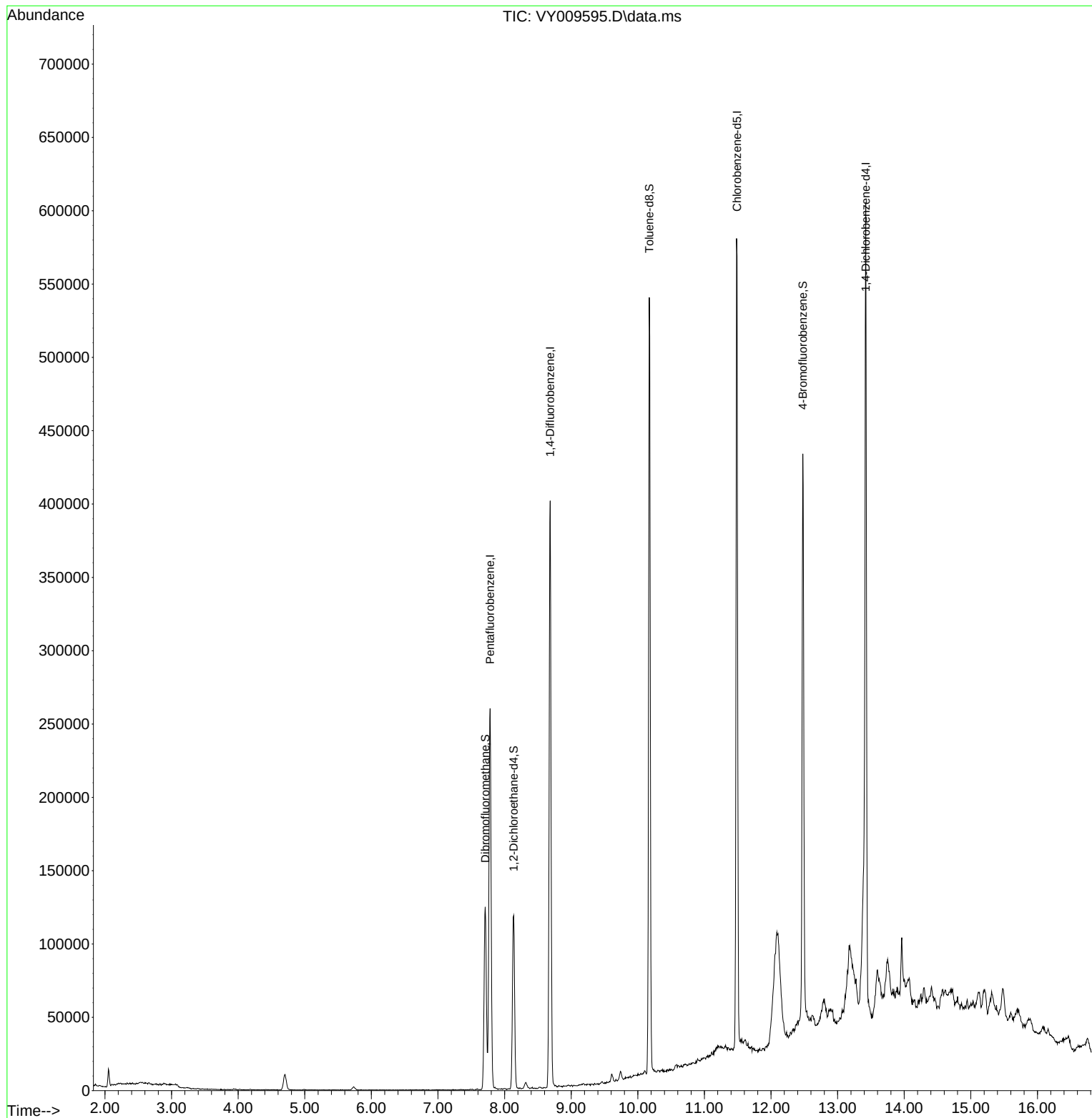
Target Compounds	Qvalue

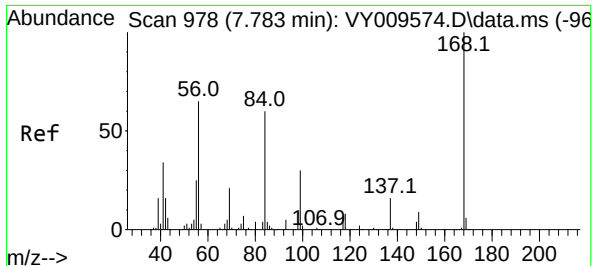
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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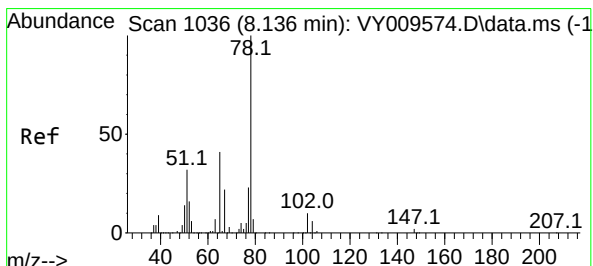
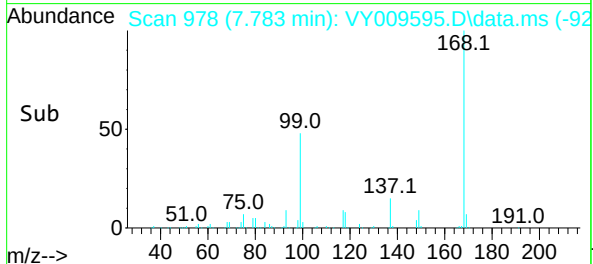
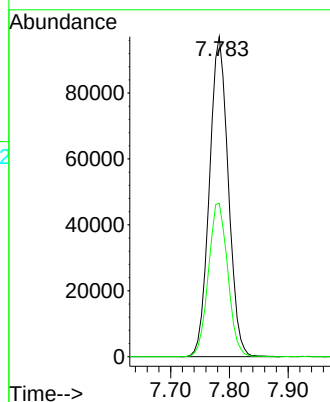
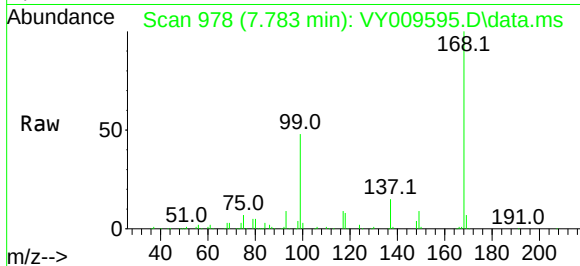




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

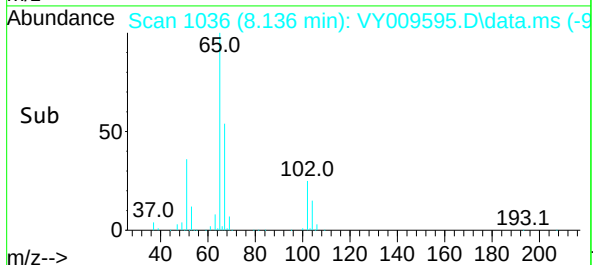
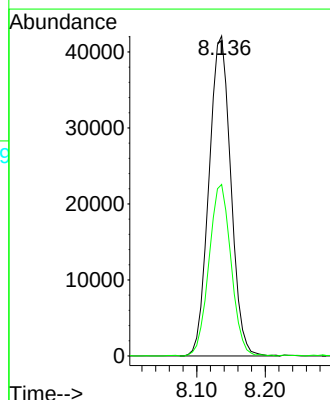
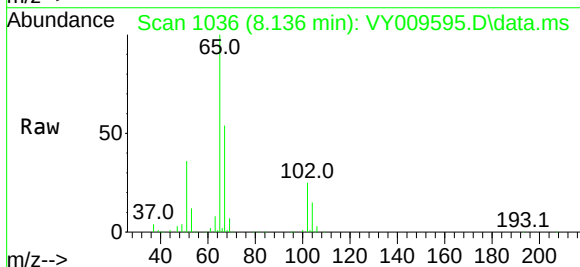
Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(6-12)

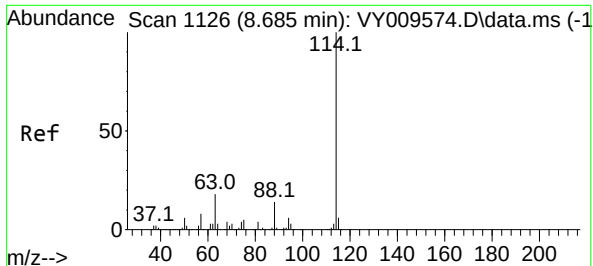
Tgt Ion:168 Resp: 216400
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.504 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Tgt Ion: 65 Resp: 93129
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: VY009595.D

Acq: 19 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

SED-5-(6-12)

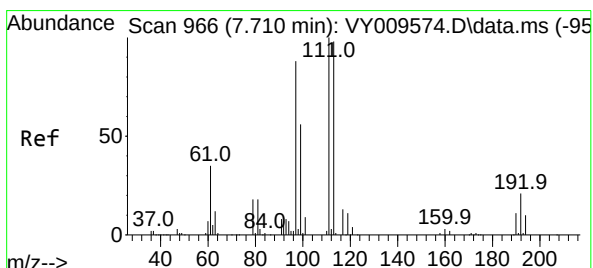
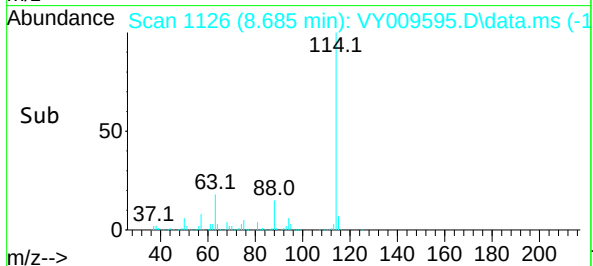
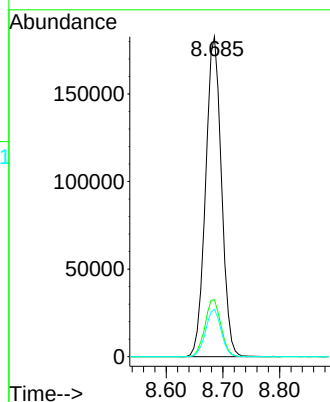
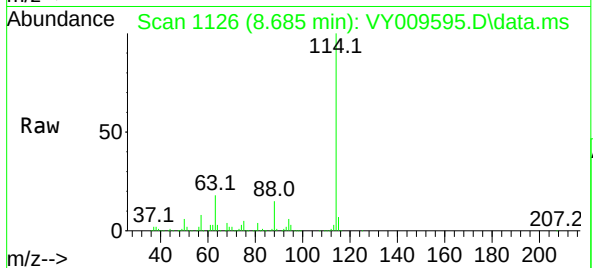
Tgt Ion:114 Resp: 354573

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.373 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009595.D

Acq: 19 Jul 2022 17:26

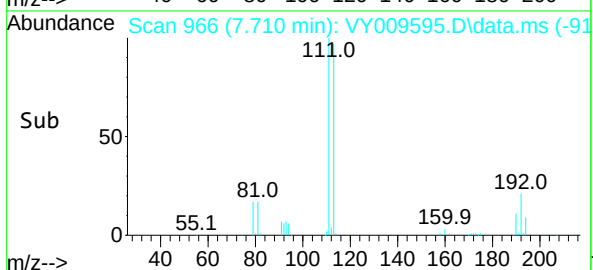
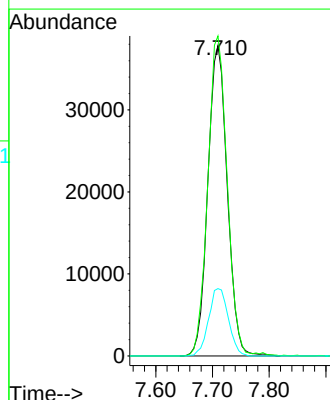
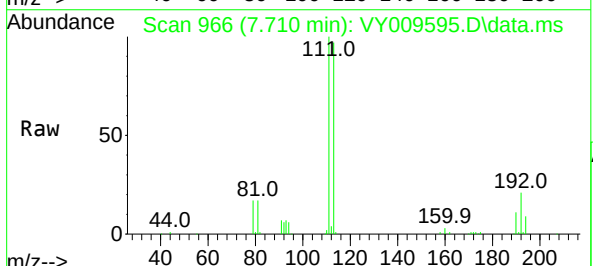
Tgt Ion:113 Resp: 90184

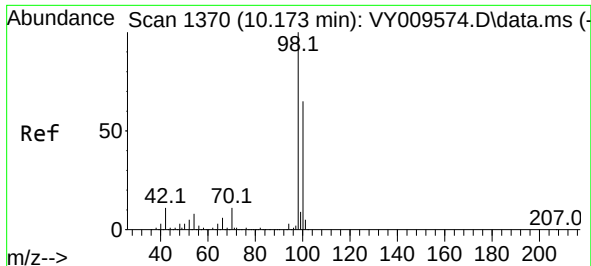
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 22.1 17.6 26.4

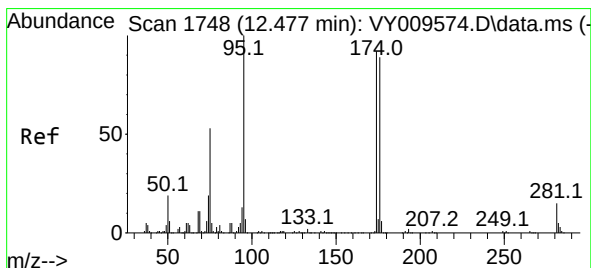
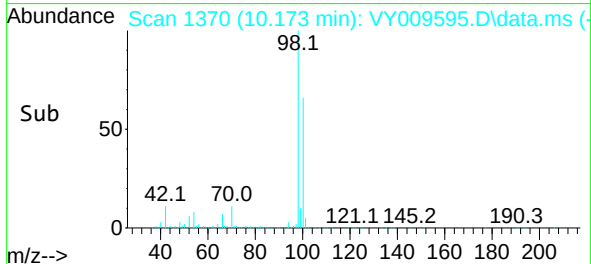
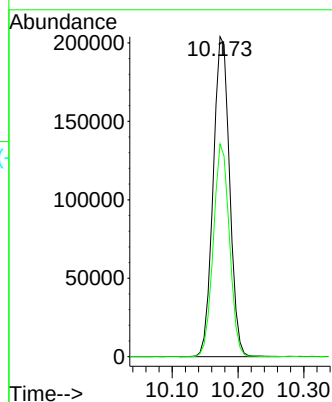
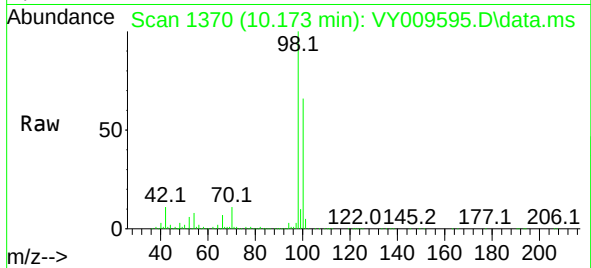




#50
Toluene-d8
Concen: 41.287 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

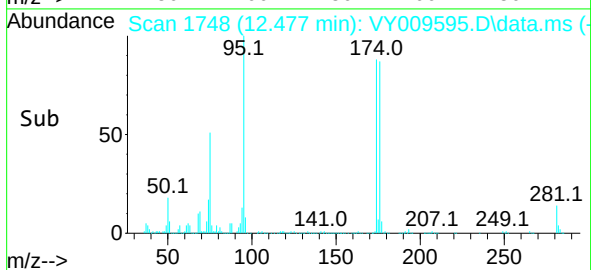
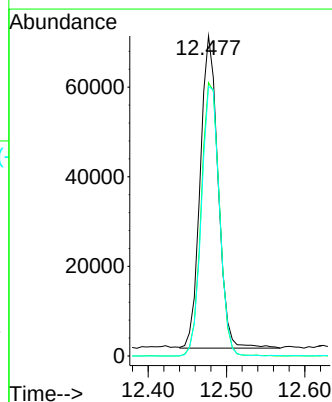
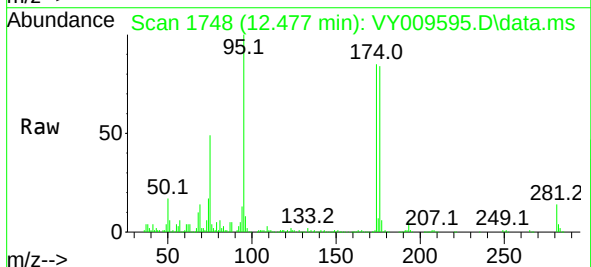
Instrument :
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SED-5-(6-12)

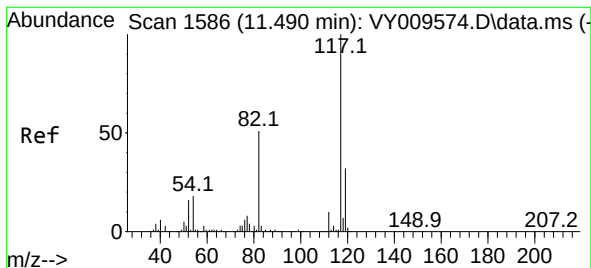
Tgt Ion: 98 Resp: 354549
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.623 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009595.D
Acq: 19 Jul 2022 17:26

Tgt Ion: 95 Resp: 110255
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 87.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009595.D

Acq: 19 Jul 2022 17:26

Instrument :

MSVOA_Y

ClientSampleId :

SED-5-(6-12)

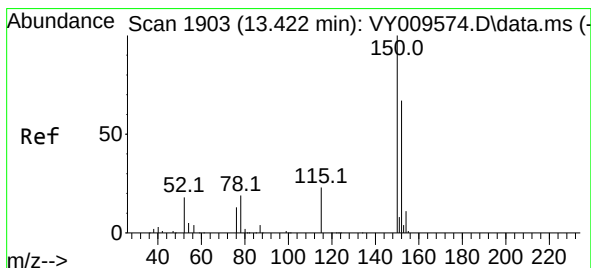
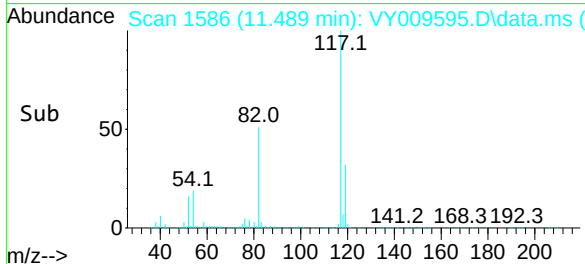
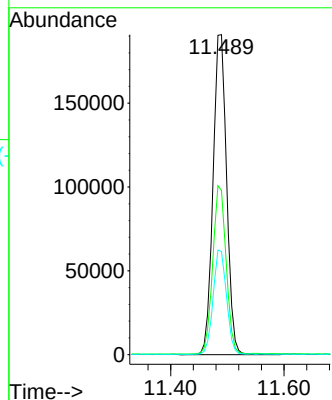
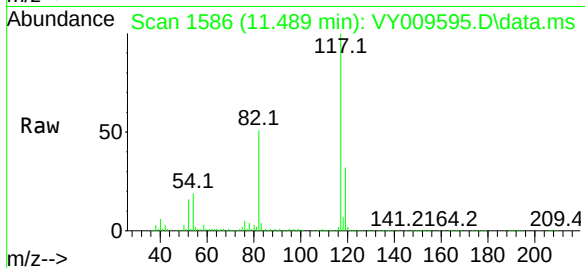
Tgt Ion:117 Resp: 317342

Ion Ratio Lower Upper

117 100

82 51.0 43.0 64.4

119 32.1 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: VY009595.D

Acq: 19 Jul 2022 17:26

Tgt Ion:152 Resp: 135040

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 154.6 0.0 347.6

