

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009780.D
 Acq On : 29 Jul 2022 18:13
 Operator : KP/MD
 Sample : N3927-11
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-84

Quant Time: Aug 01 01:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	154372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62365	61.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.860%
35) Dibromofluoromethane	7.710	113	58989	39.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.520%
50) Toluene-d8	10.173	98	240055	56.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	112.140%
62) 4-Bromofluorobenzene	12.477	95	67035	34.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.160%

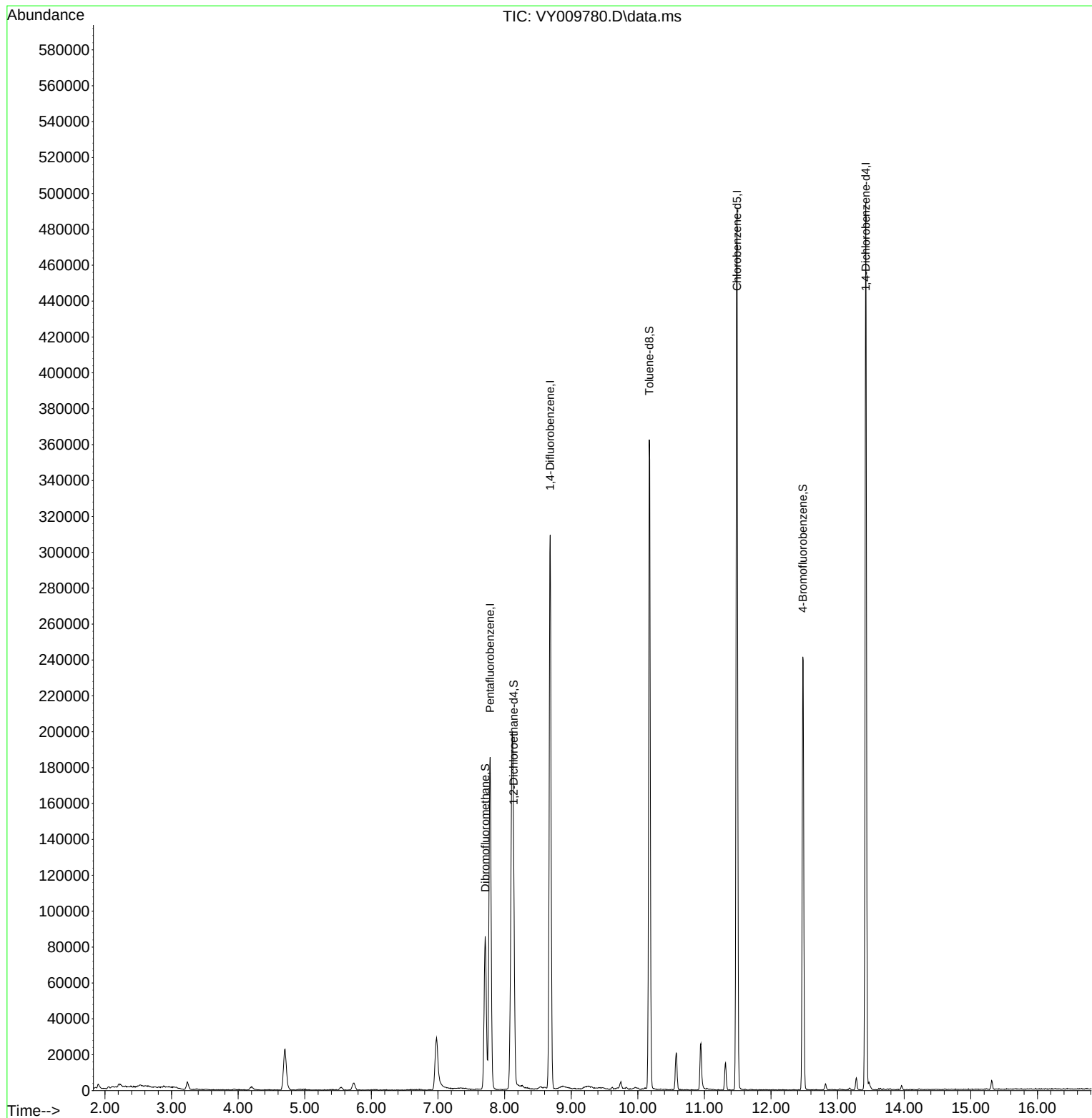
Target Compounds	Qvalue

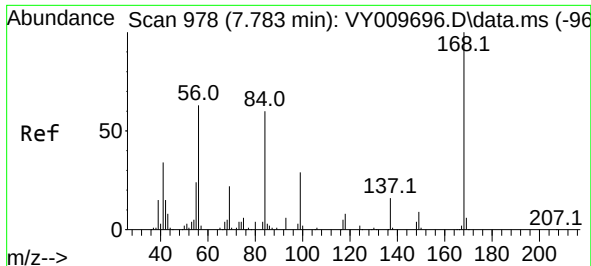
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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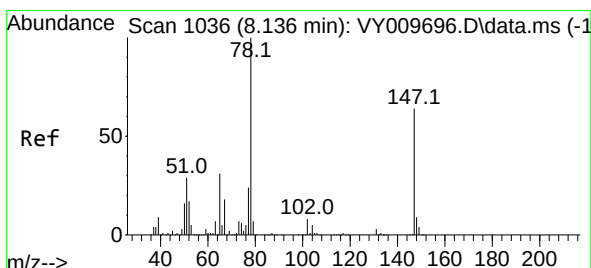
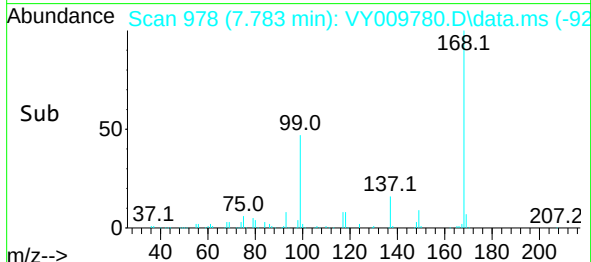
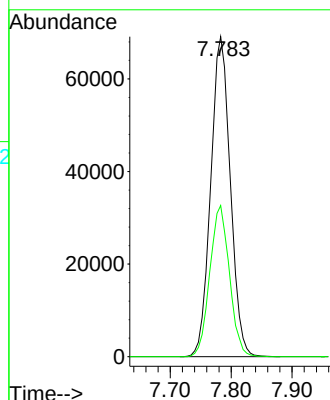
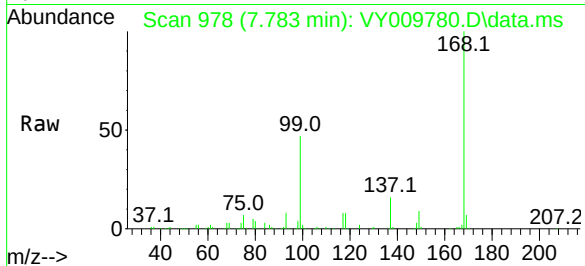




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009780.D
Acq: 29 Jul 2022 18:13

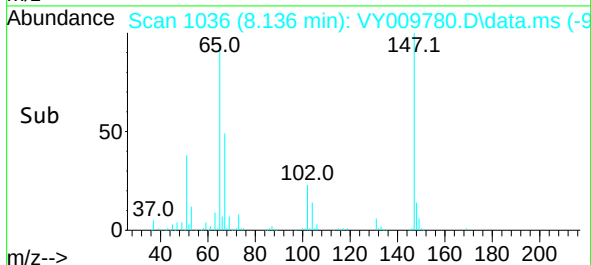
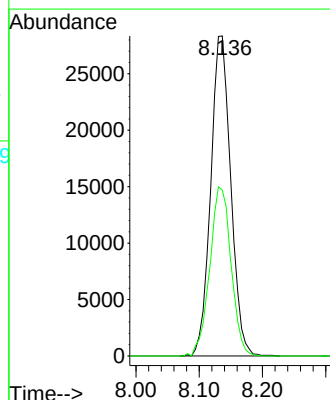
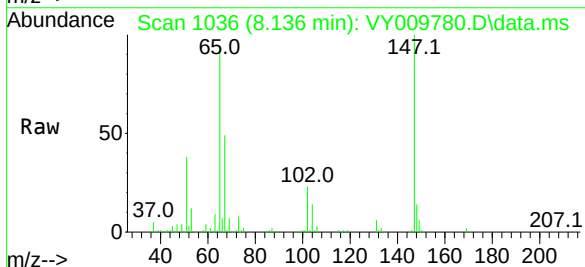
Instrument :
MSVOA_Y
ClientSampleId :
RVE-84

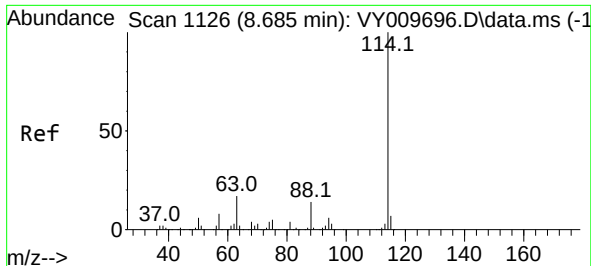
Tgt Ion:168 Resp: 154372
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.927 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009780.D
Acq: 29 Jul 2022 18:13

Tgt Ion: 65 Resp: 62365
Ion Ratio Lower Upper
65 100
67 56.0 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: VY009780.D

Acq: 29 Jul 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

RVE-84

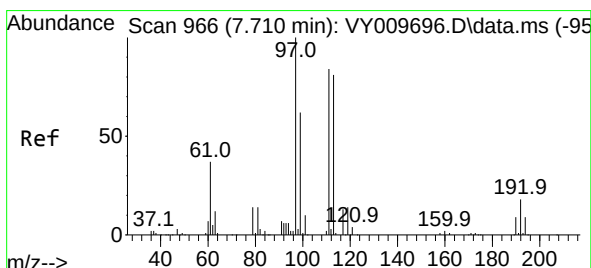
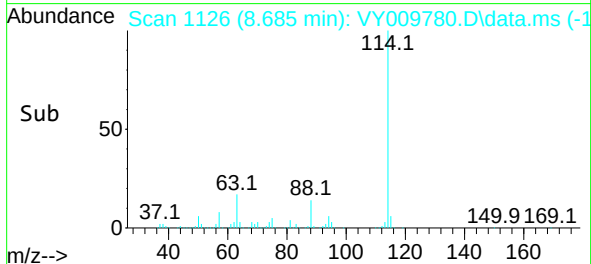
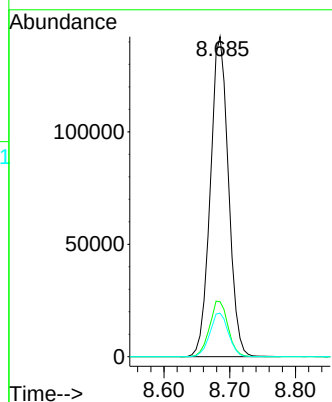
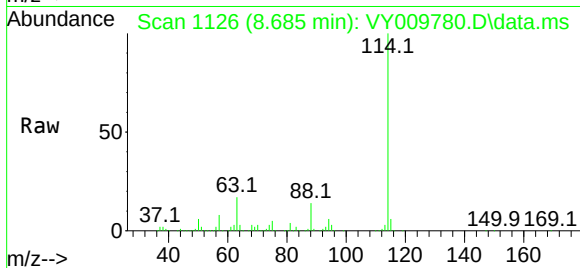
Tgt Ion:114 Resp: 272787

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.760 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009780.D

Acq: 29 Jul 2022 18:13

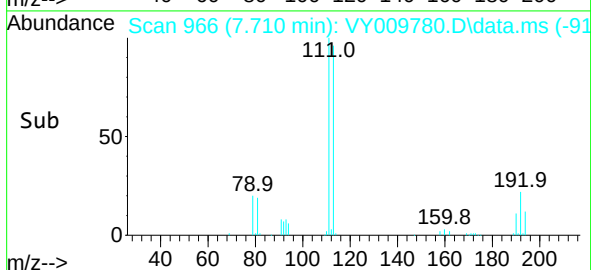
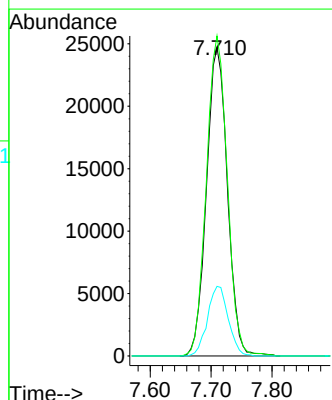
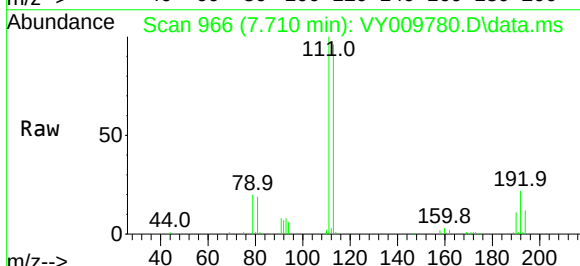
Tgt Ion:113 Resp: 58989

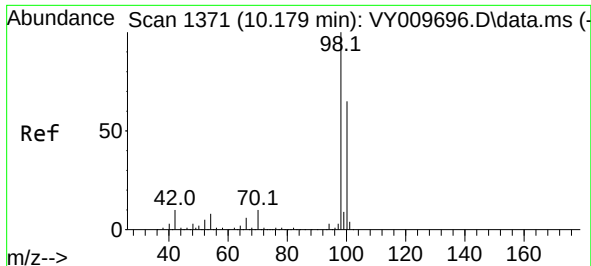
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 22.4 17.6 26.4

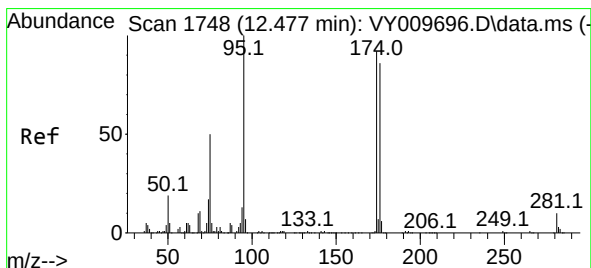
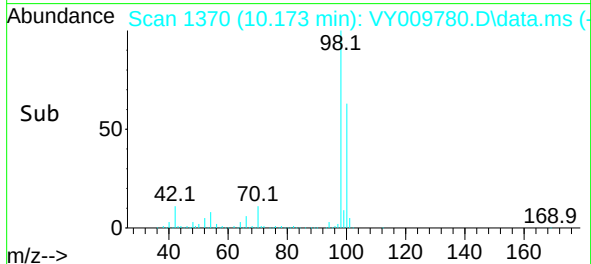
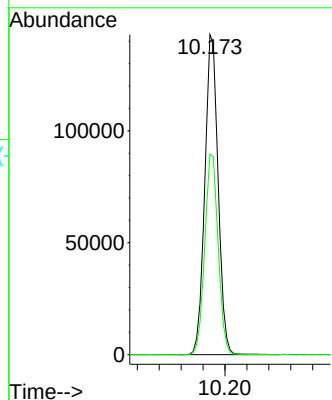
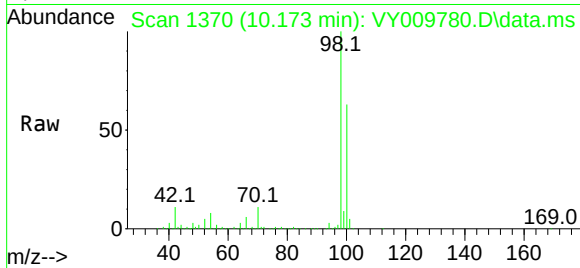




#50
Toluene-d8
Concen: 56.073 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009780.D
Acq: 29 Jul 2022 18:13

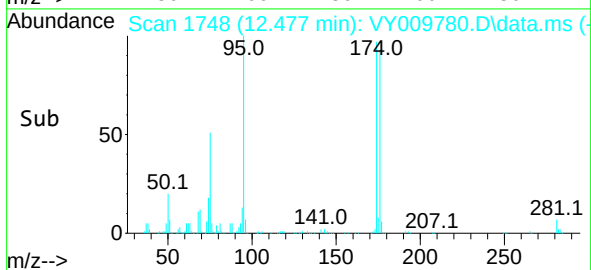
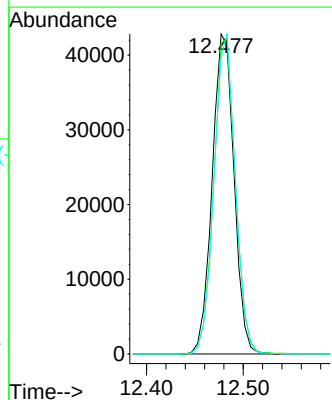
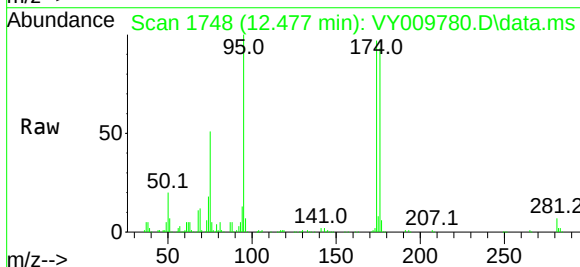
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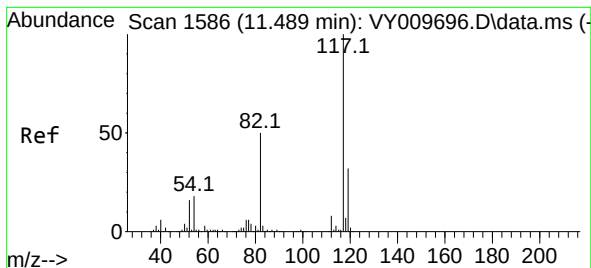
Tgt Ion: 98 Resp: 240055
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009780.D
Acq: 29 Jul 2022 18:13

Tgt Ion: 95 Resp: 67035
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 97.0 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: VY009780.D

Acq: 29 Jul 2022 18:13

Instrument :

MSVOA_Y

ClientSampleId :

RVE-84

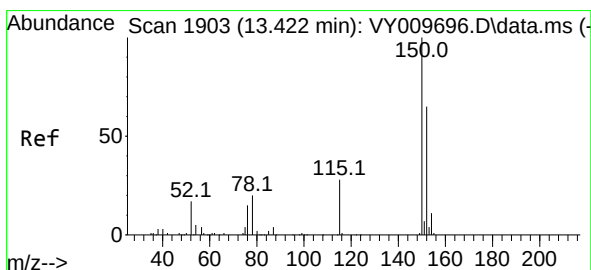
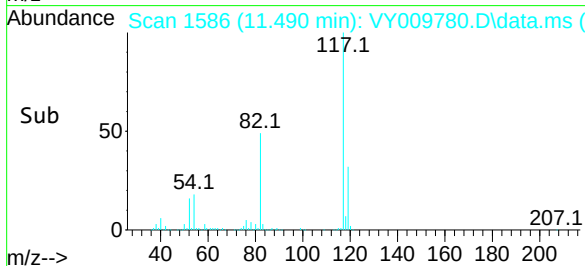
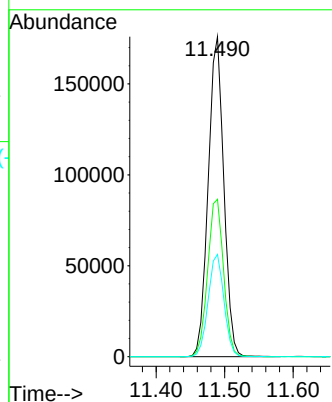
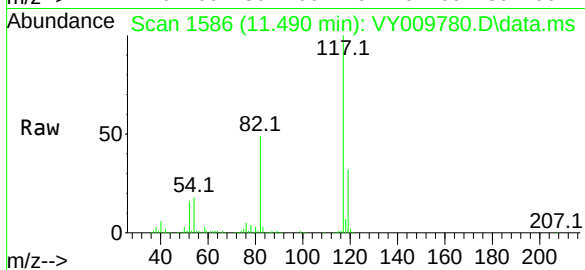
Tgt Ion:117 Resp: 278648

Ion Ratio Lower Upper

117 100

82 49.2 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: VY009780.D

Acq: 29 Jul 2022 18:13

Tgt Ion:152 Resp: 128158

Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 156.2 0.0 347.6

