

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009734.D
 Acq On : 27 Jul 2022 19:00
 Operator : KP/MD
 Sample : N3893-12
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-12

Quant Time: Jul 28 02:47:17 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	204858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	371059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	82686	61.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.740%
35) Dibromofluoromethane	7.710	113	83162	42.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.240%
50) Toluene-d8	10.179	98	312007	54.657	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	109.320%
62) 4-Bromofluorobenzene	12.477	95	104194	39.800	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.600%

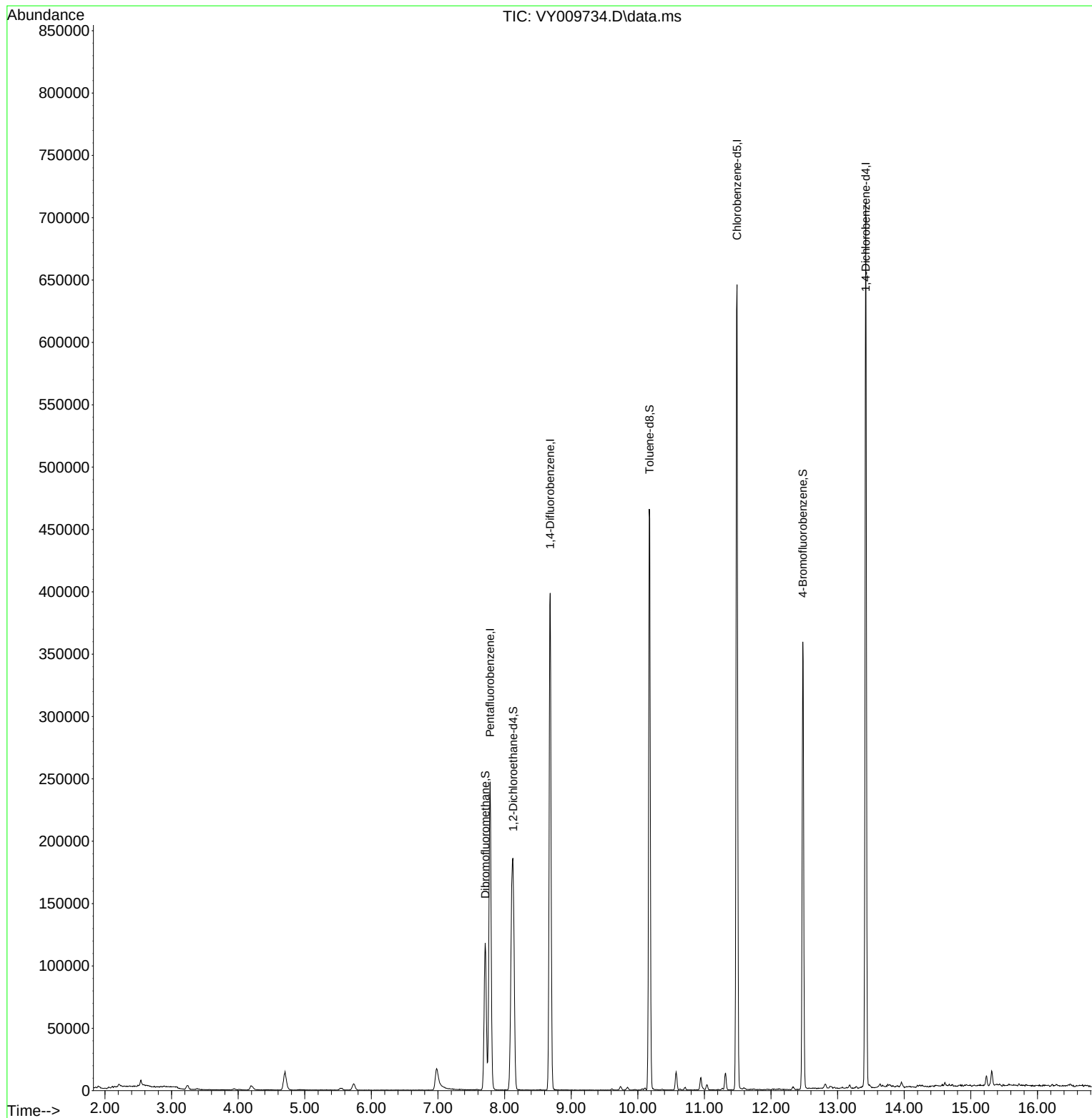
Target Compounds	Qvalue

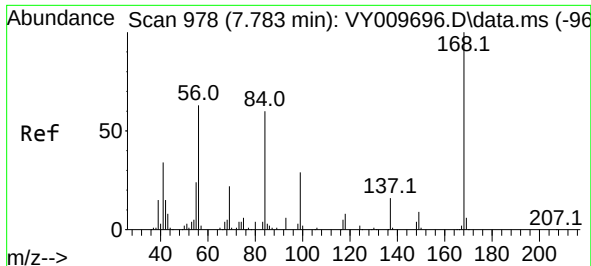
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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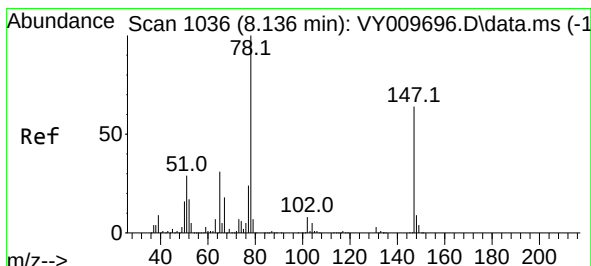
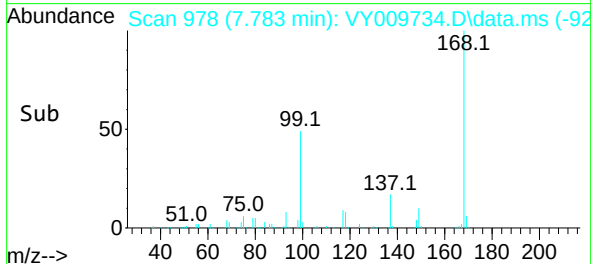
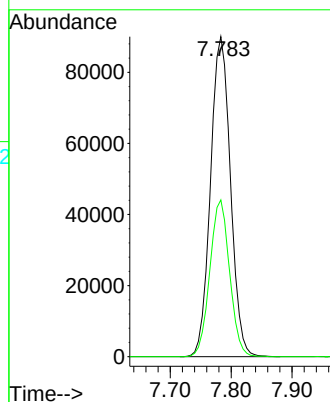
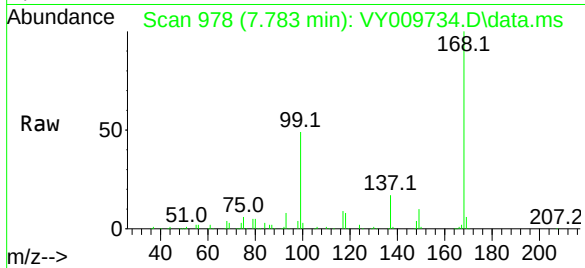




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009734.D
Acq: 27 Jul 2022 19:00

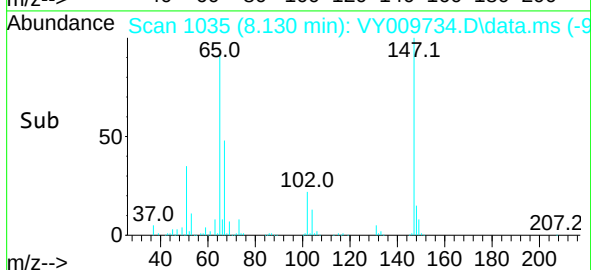
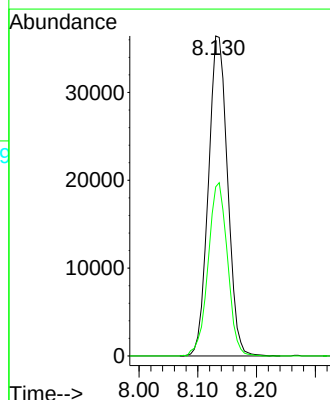
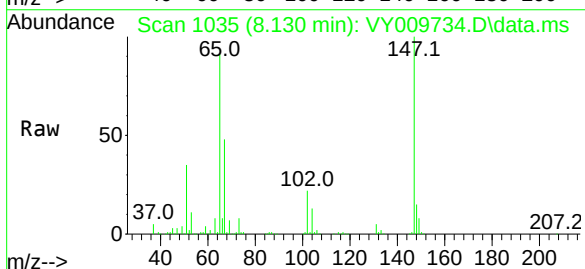
Instrument :
MSVOA_Y
ClientSampleId :
RVE-12

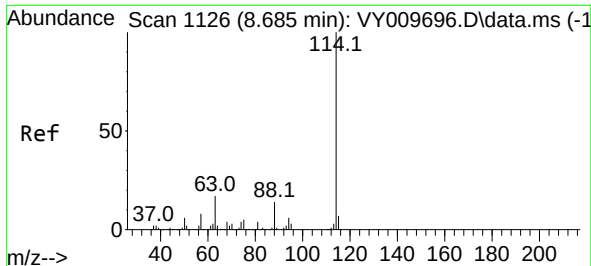
Tgt Ion:168 Resp: 204858
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.866 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009734.D
Acq: 27 Jul 2022 19:00

Tgt Ion: 65 Resp: 82686
Ion Ratio Lower Upper
65 100
67 54.7 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: VY009734.D

Acq: 27 Jul 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

RVE-12

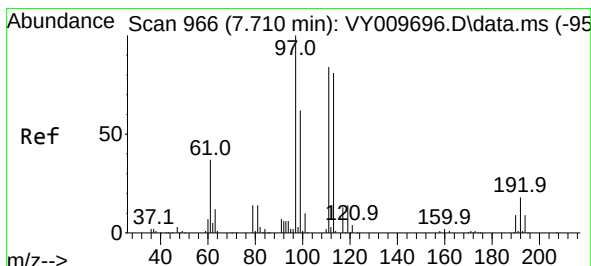
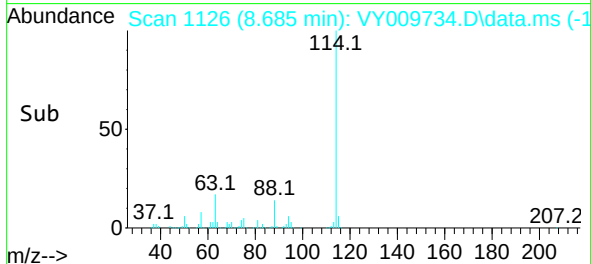
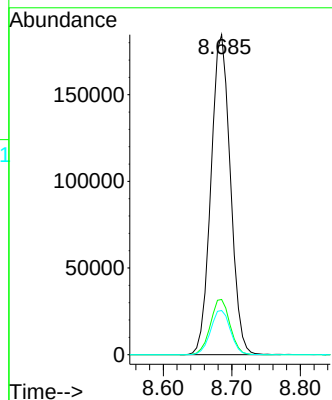
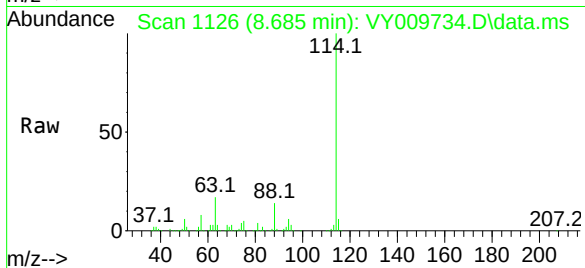
Tgt Ion:114 Resp: 363019

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.121 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009734.D

Acq: 27 Jul 2022 19:00

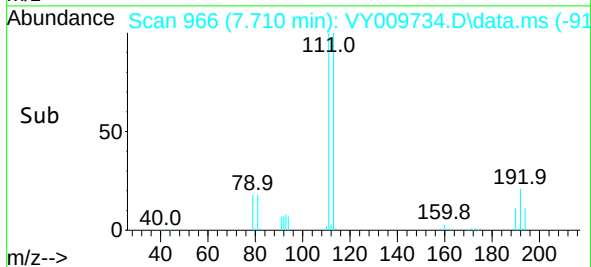
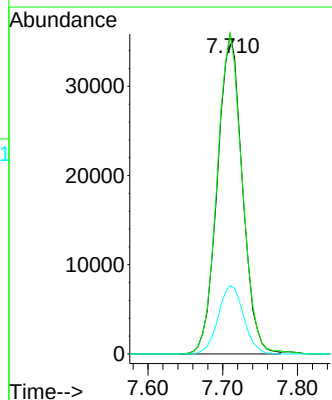
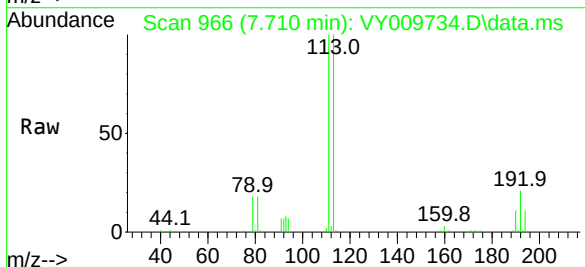
Tgt Ion:113 Resp: 83162

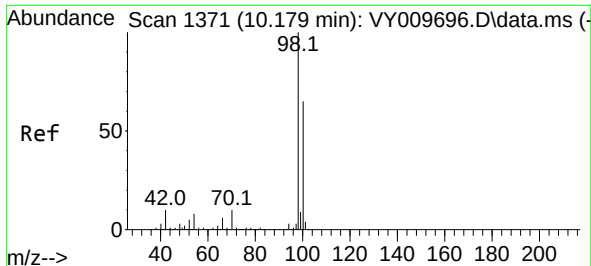
Ion Ratio Lower Upper

113 100

111 101.1 82.6 124.0

192 21.8 17.6 26.4

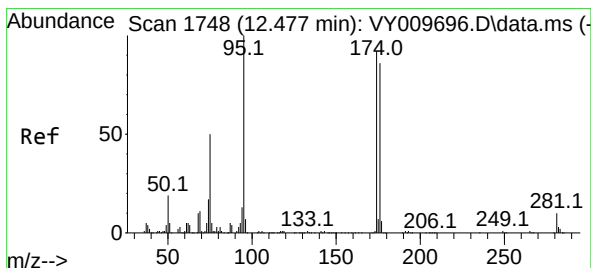
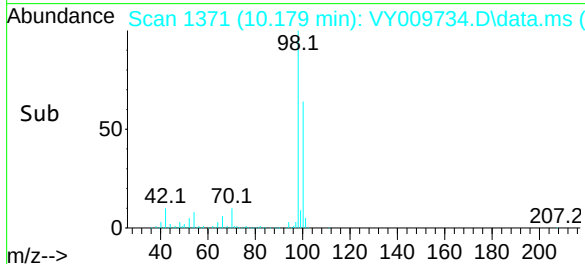
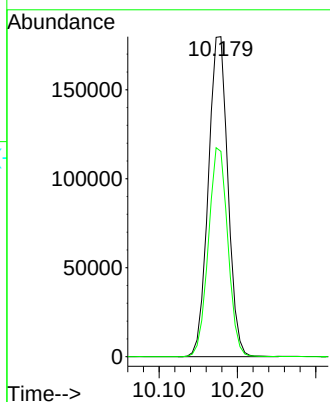
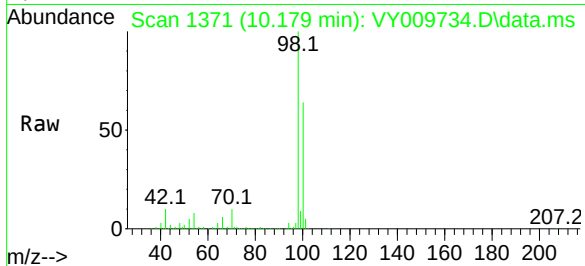




#50
Toluene-d8
Concen: 54.657 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009734.D
Acq: 27 Jul 2022 19:00

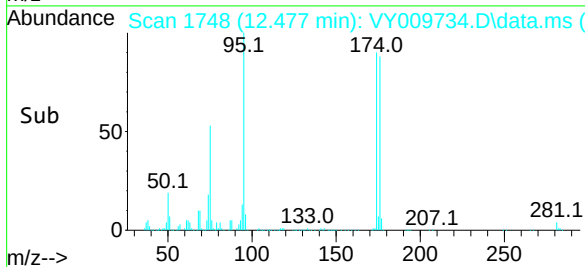
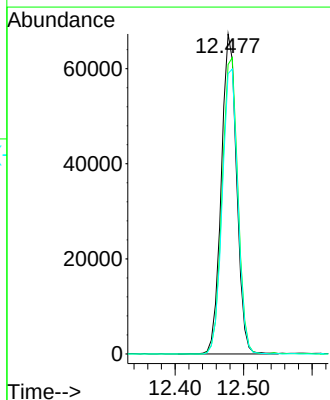
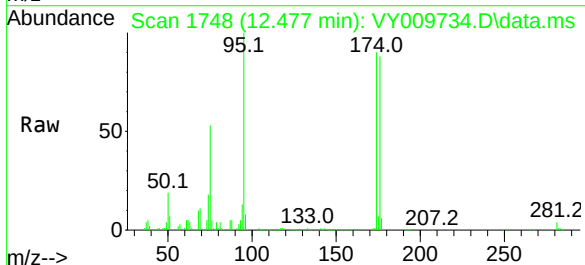
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RVE-12

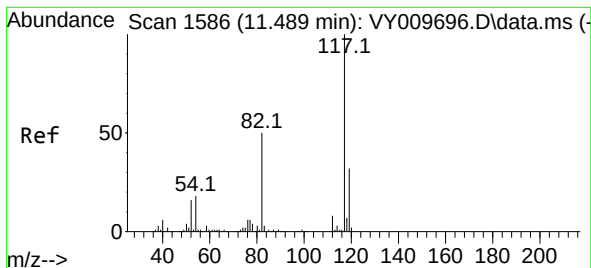
Tgt Ion: 98 Resp: 312007
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.800 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009734.D
Acq: 27 Jul 2022 19:00

Tgt Ion: 95 Resp: 104194
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 90.5 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: VY009734.D

Acq: 27 Jul 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

RVE-12

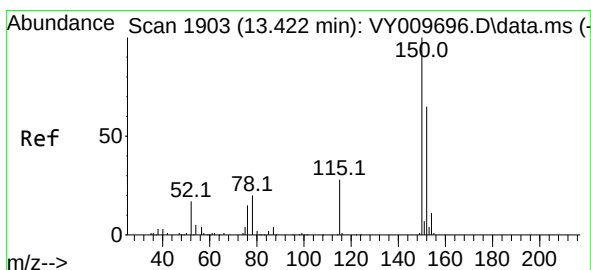
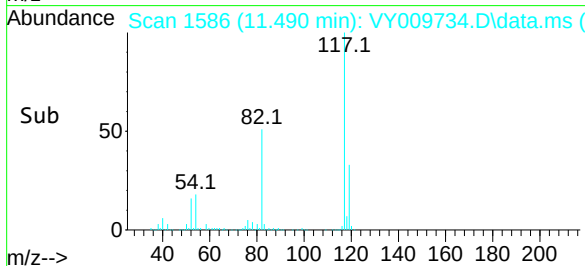
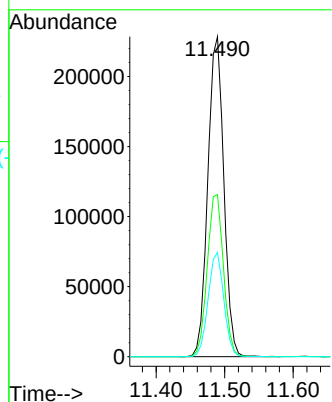
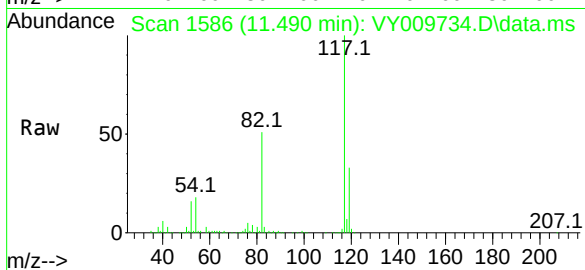
Tgt Ion:117 Resp: 371059

Ion Ratio Lower Upper

117 100

82 50.6 43.0 64.4

119 32.6 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: VY009734.D

Acq: 27 Jul 2022 19:00

Tgt Ion:152 Resp: 181304

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 156.1 0.0 347.6

