

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009786.D
 Acq On : 29 Jul 2022 20:33
 Operator : KP/MD
 Sample : N3931-17
 Misc : 3.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-128

Quant Time: Aug 01 01:17:36 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	155647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137032	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60019	58.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.710	113	57548	38.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.400%
50) Toluene-d8	10.173	98	234496	53.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.477	95	70139	35.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.220%

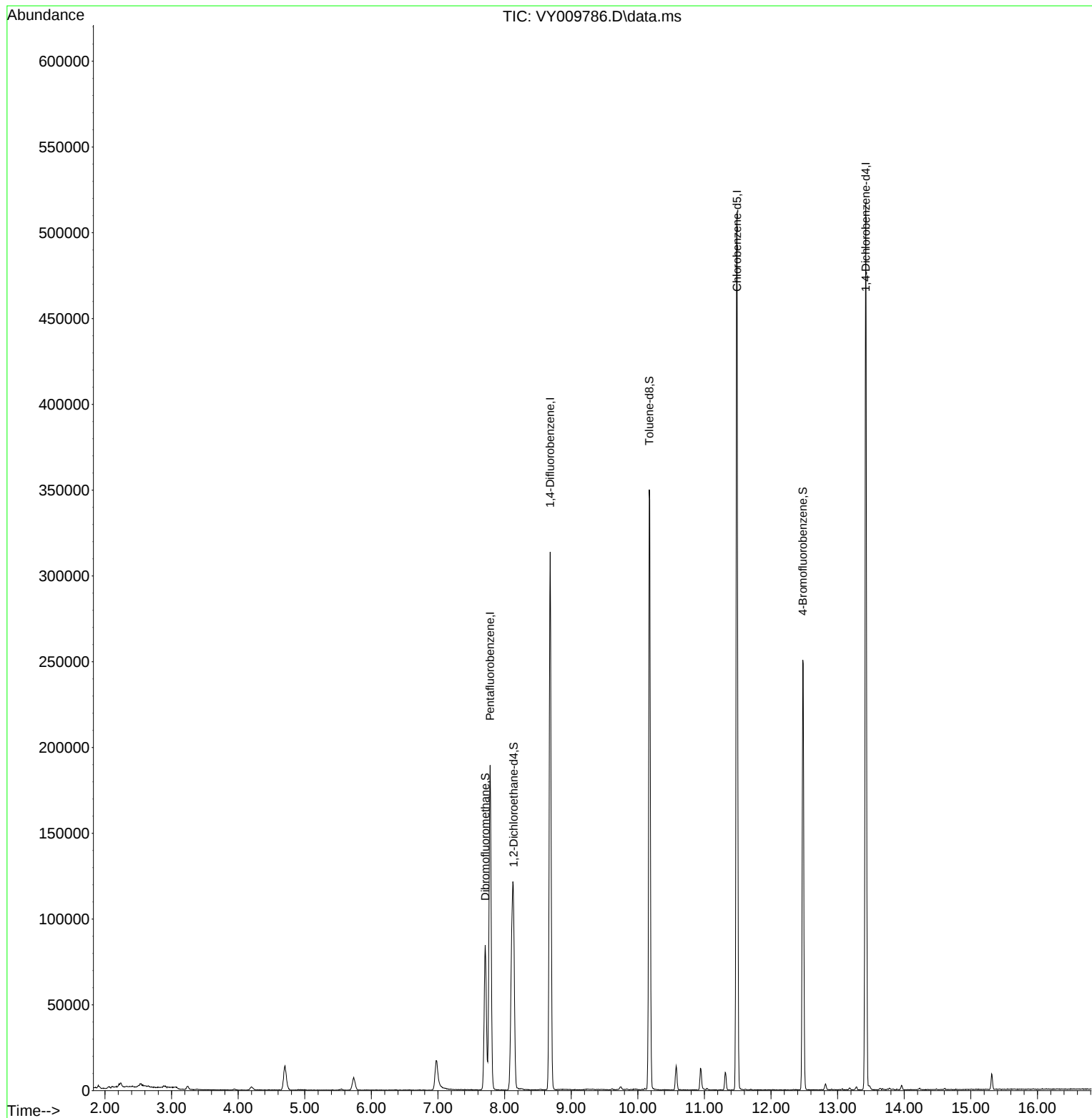
Target Compounds	Qvalue

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

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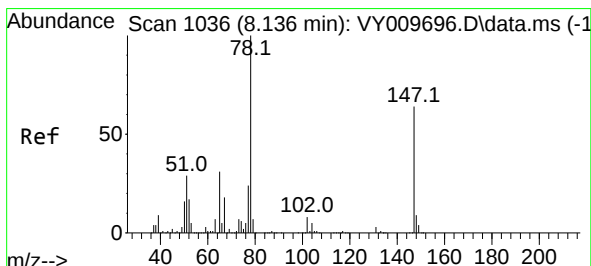
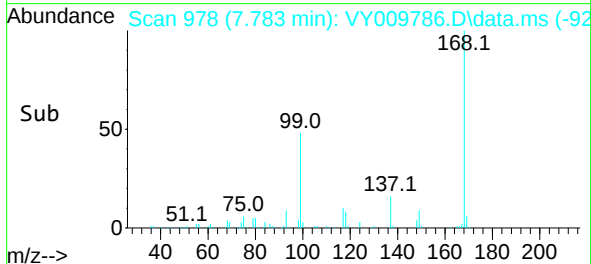
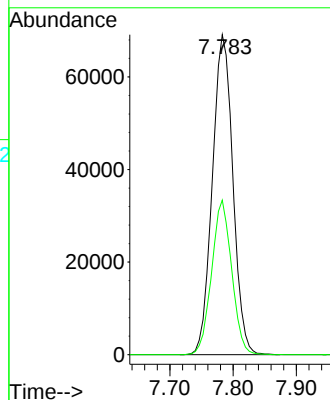
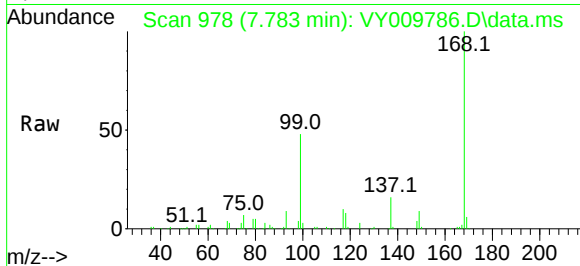




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

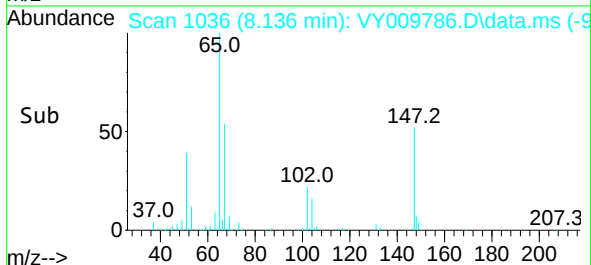
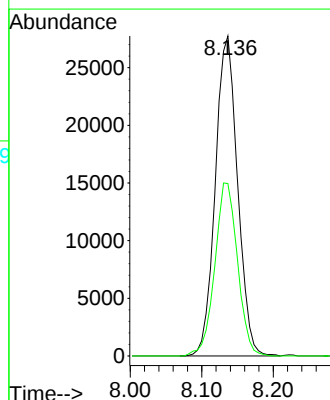
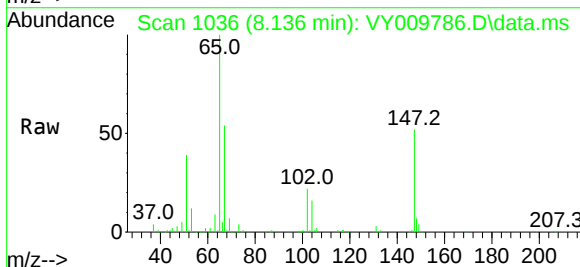
Instrument :
MSVOA_Y
ClientSampleId :
RVE-128

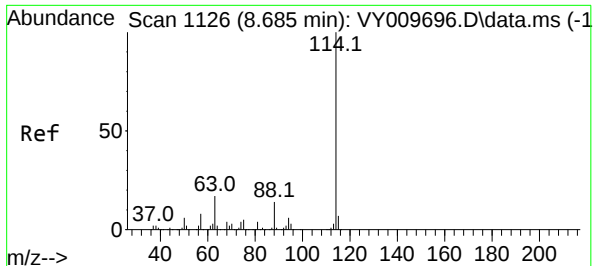
Tgt Ion:168 Resp: 155647
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.848 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 65 Resp: 60019
Ion Ratio Lower Upper
65 100
67 55.2 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: VY009786.D

Acq: 29 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

RVE-128

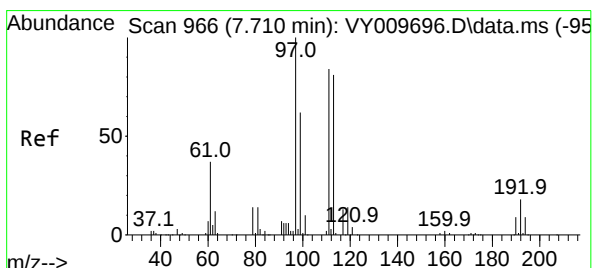
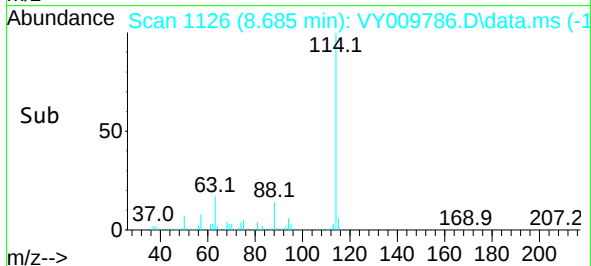
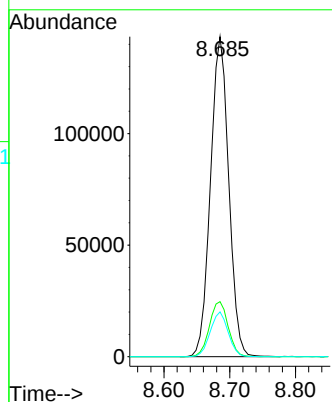
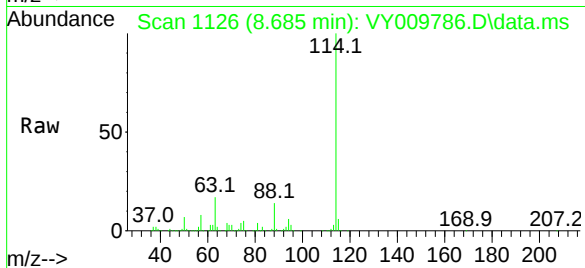
Tgt Ion:114 Resp: 277028

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.195 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009786.D

Acq: 29 Jul 2022 20:33

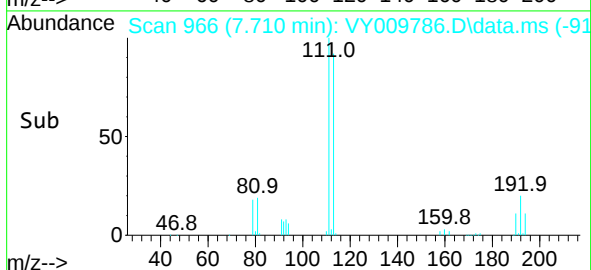
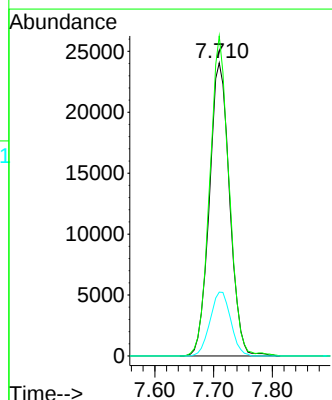
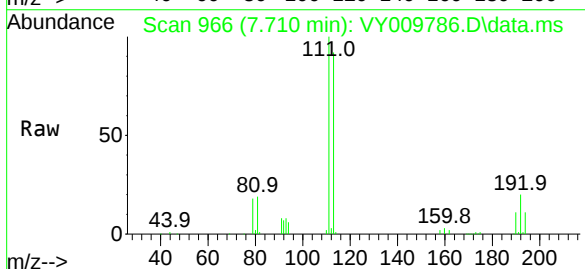
Tgt Ion:113 Resp: 57548

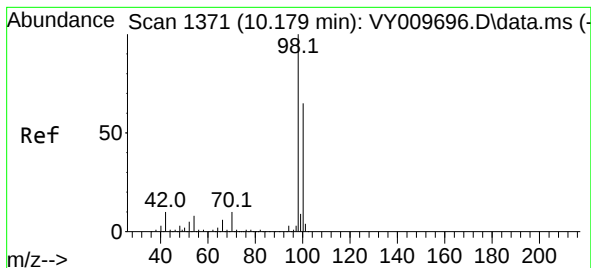
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 22.2 17.6 26.4

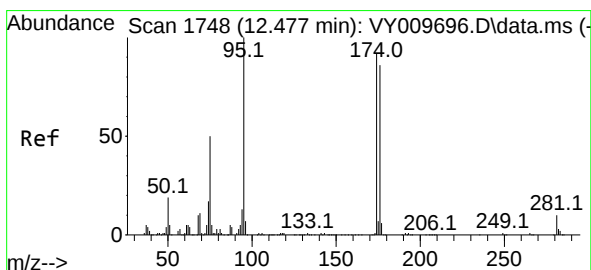
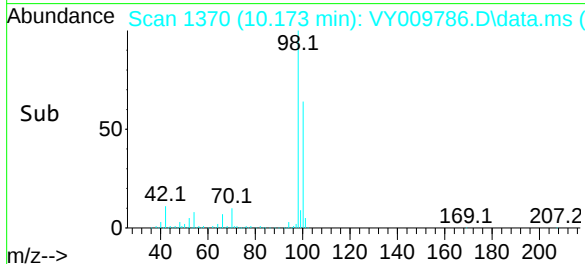
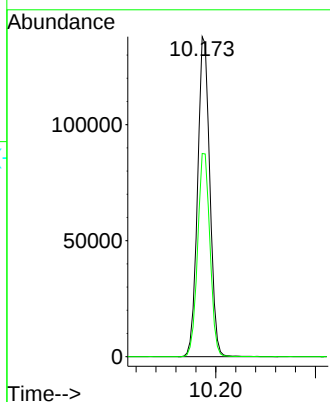
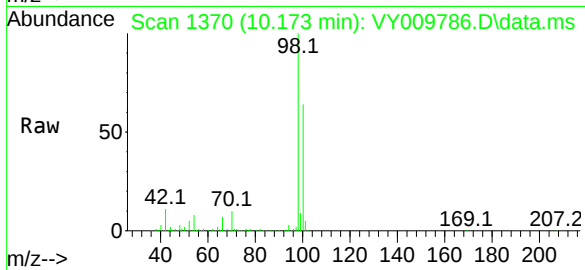




#50
Toluene-d8
Concen: 53.759 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

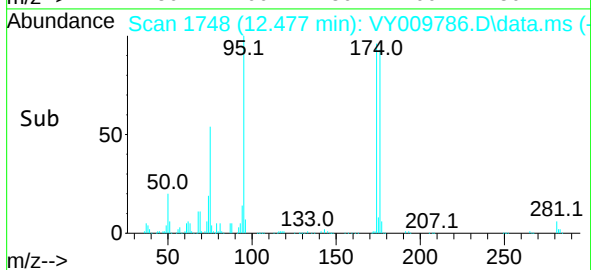
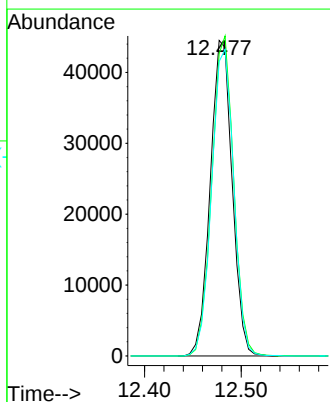
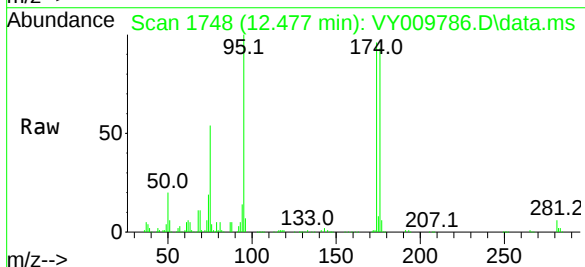
Instrument :
MSVOA_Y
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RVE-128

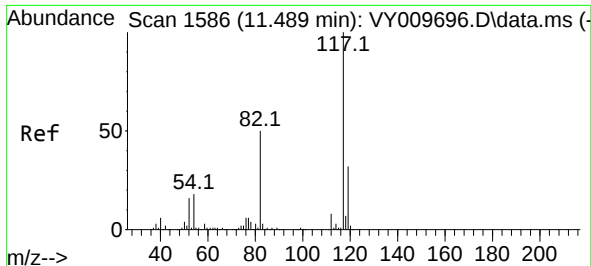
Tgt Ion: 98 Resp: 234496
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.108 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009786.D
Acq: 29 Jul 2022 20:33

Tgt Ion: 95 Resp: 70139
Ion Ratio Lower Upper
95 100
174 100.6 0.0 177.0
176 97.8 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: VY009786.D

Acq: 29 Jul 2022 20:33

Instrument :

MSVOA_Y

ClientSampleId :

RVE-128

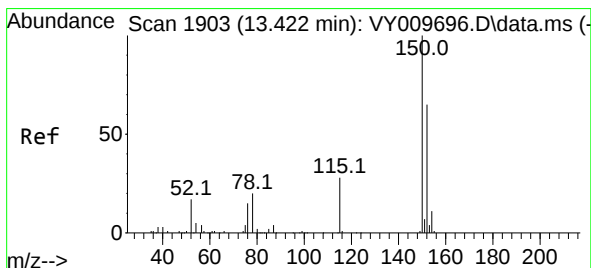
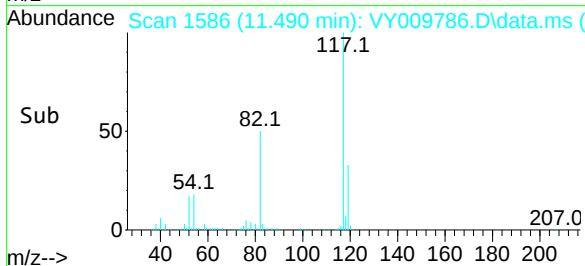
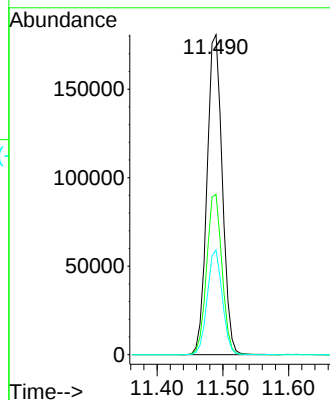
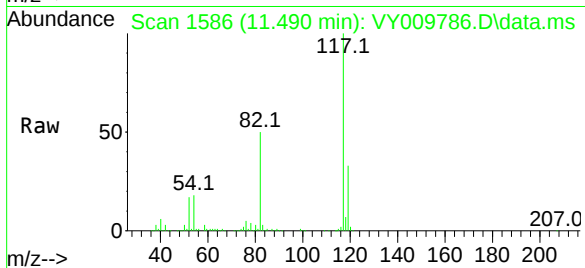
Tgt Ion:117 Resp: 292727

Ion Ratio Lower Upper

117 100

82 50.1 43.0 64.4

119 32.7 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: VY009786.D

Acq: 29 Jul 2022 20:33

Tgt Ion:152 Resp: 137032

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 157.6 0.0 347.6

