

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009735.D
 Acq On : 27 Jul 2022 19:23
 Operator : KP/MD
 Sample : N3893-16
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-16

Quant Time: Jul 28 02:47:27 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	212157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	86041	62.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.380%
35) Dibromofluoromethane	7.710	113	83850	41.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.000%
50) Toluene-d8	10.173	98	312885	52.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.477	95	102102	37.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	75.300%

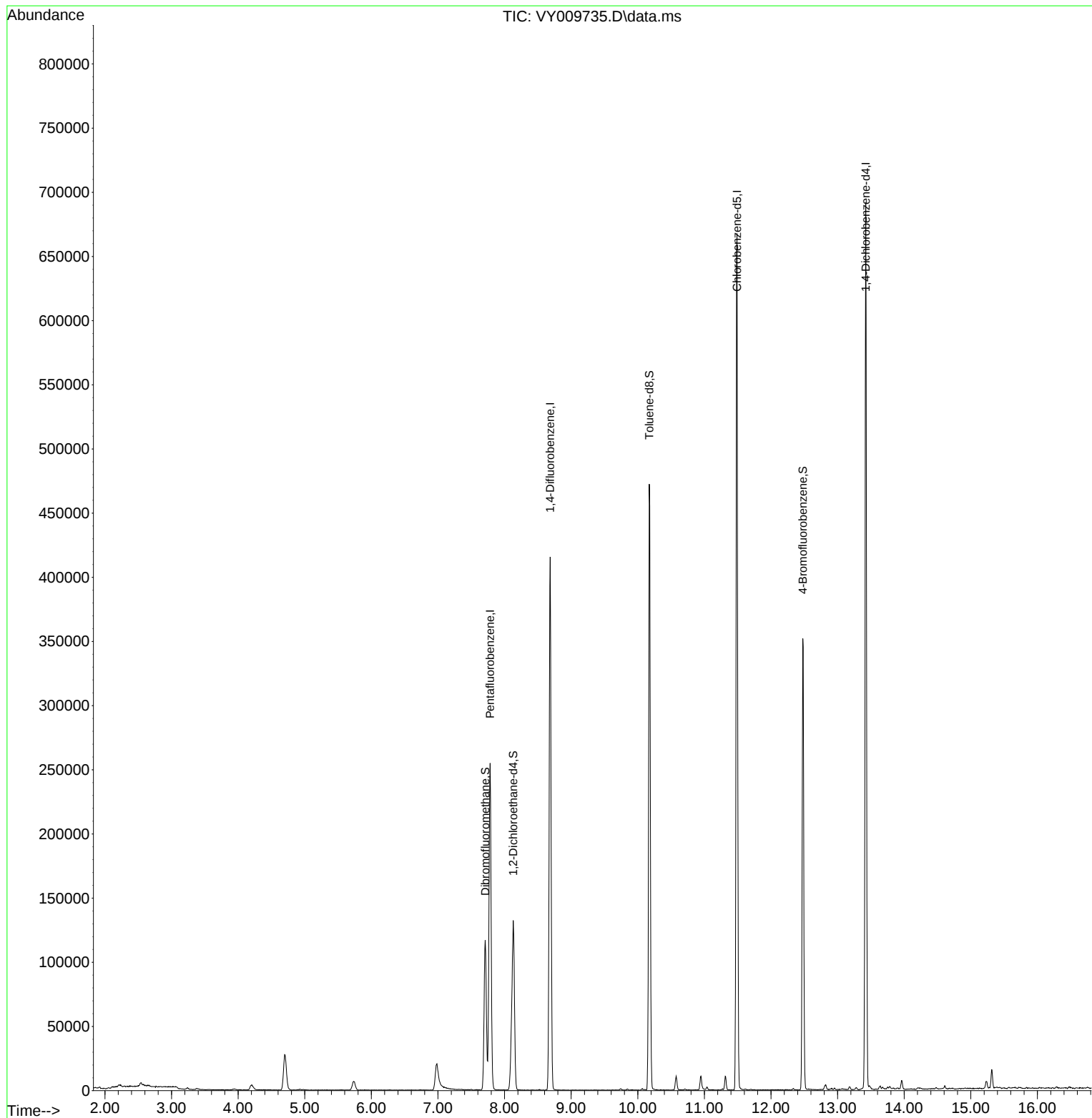
Target Compounds	Qvalue

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

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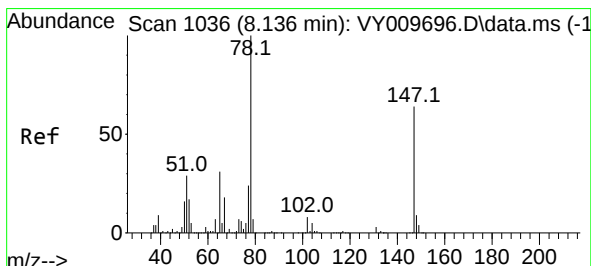
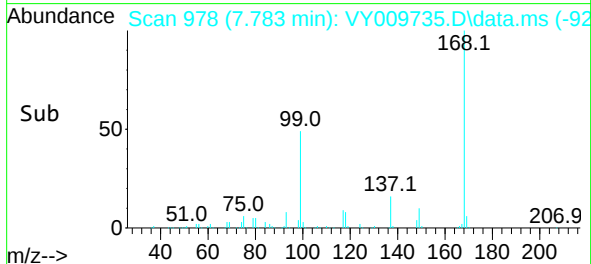
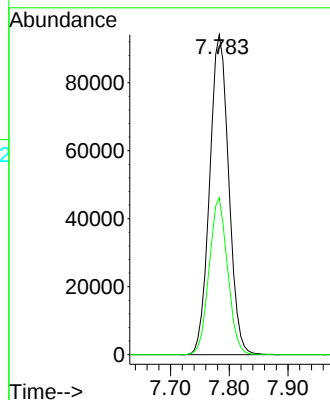
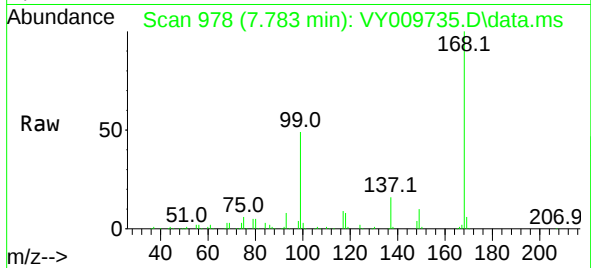




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009735.D
Acq: 27 Jul 2022 19:23

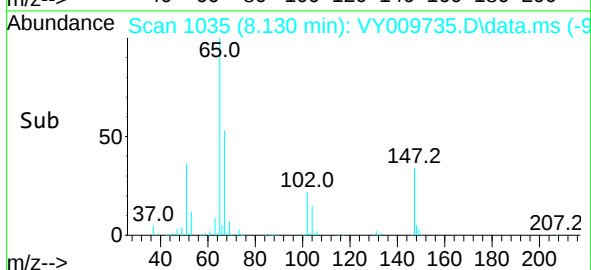
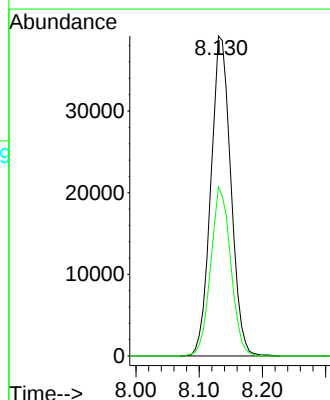
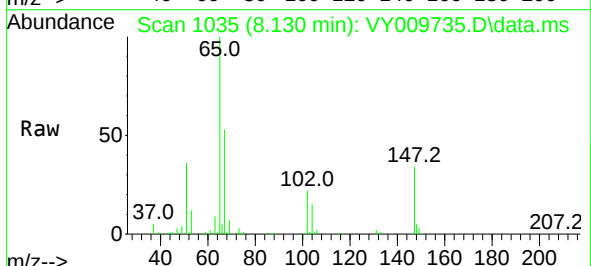
Instrument :
MSVOA_Y
ClientSampleId :
RVE-16

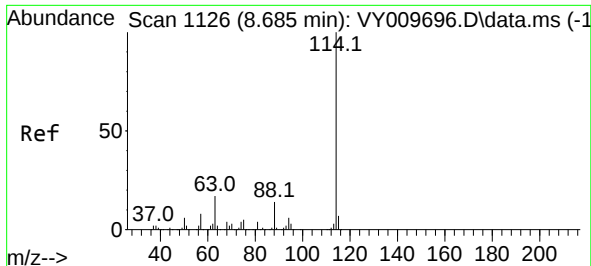
Tgt Ion:168 Resp: 212157
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.189 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009735.D
Acq: 27 Jul 2022 19:23

Tgt Ion: 65 Resp: 86041
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009735.D

Acq: 27 Jul 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

RVE-16

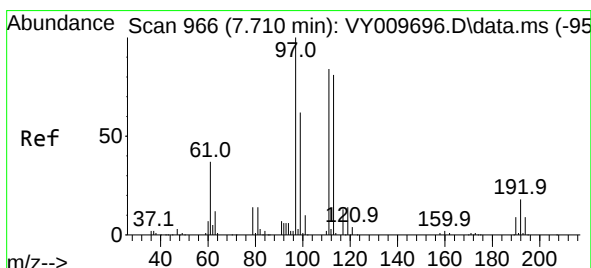
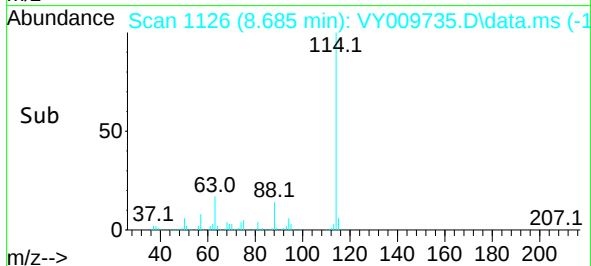
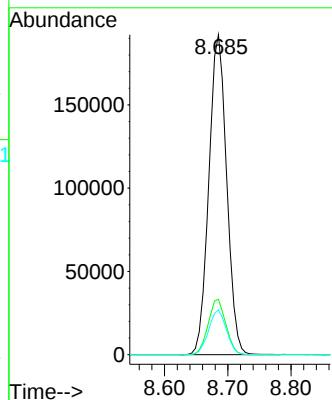
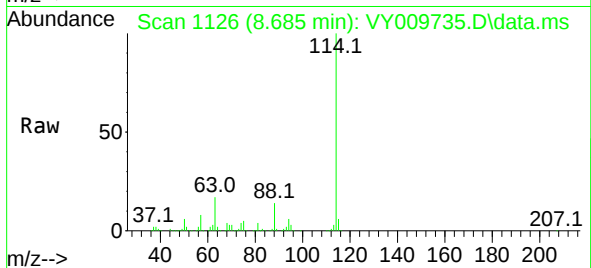
Tgt Ion:114 Resp: 376020

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.001 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009735.D

Acq: 27 Jul 2022 19:23

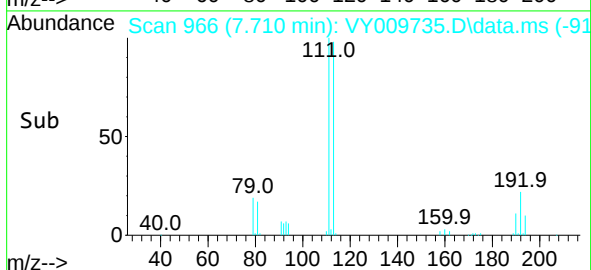
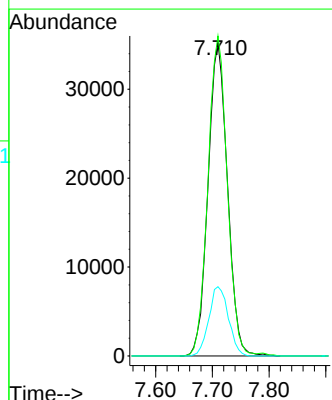
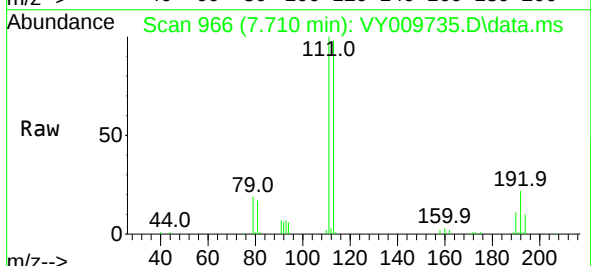
Tgt Ion:113 Resp: 83850

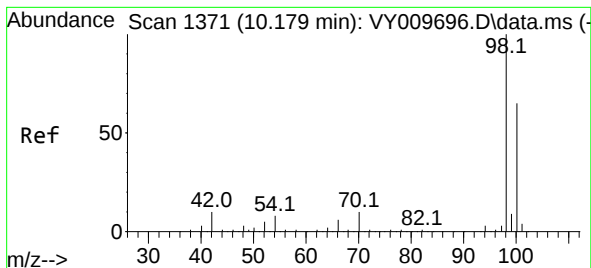
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 22.2 17.6 26.4





#50

Toluene-d8

Concen: 52.768 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009735.D

Acq: 27 Jul 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

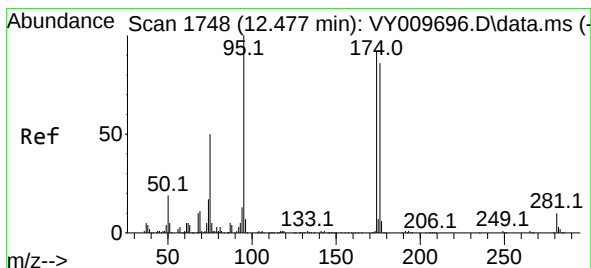
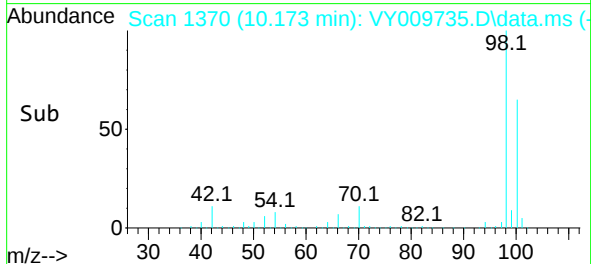
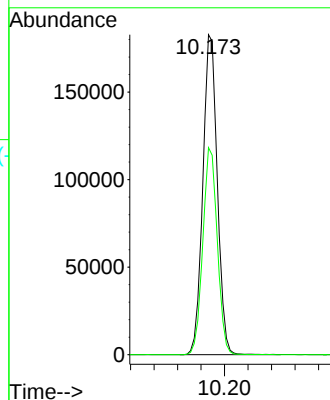
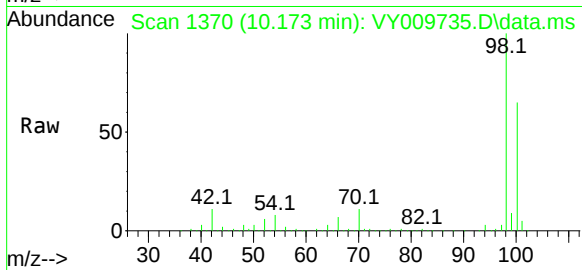
RVE-16

Tgt Ion: 98 Resp: 312885

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 37.652 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009735.D

Acq: 27 Jul 2022 19:23

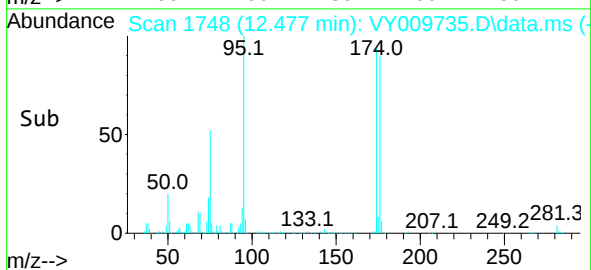
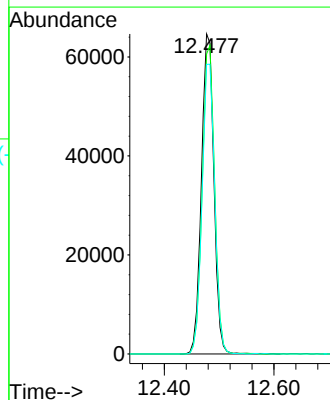
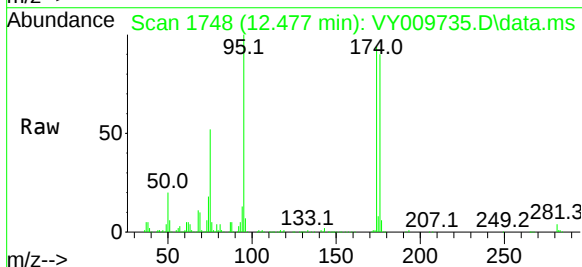
Tgt Ion: 95 Resp: 102102

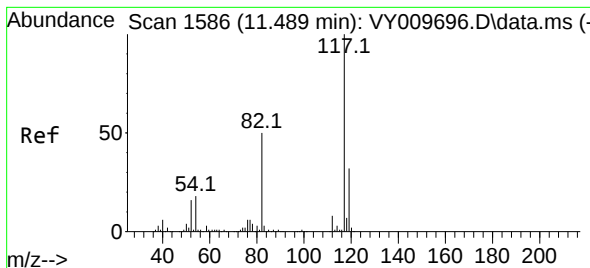
Ion Ratio Lower Upper

95 100

174 95.6 0.0 177.0

176 91.9 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: VY009735.D

Acq: 27 Jul 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

RVE-16

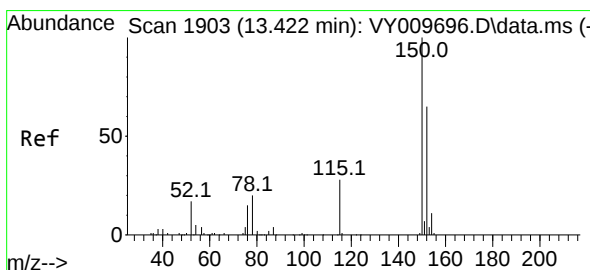
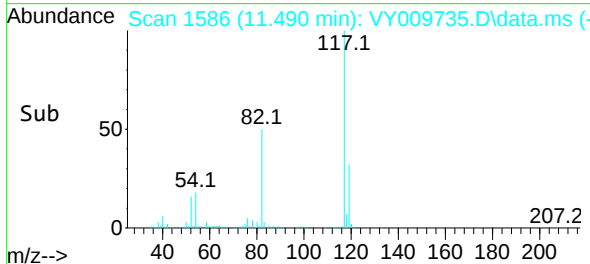
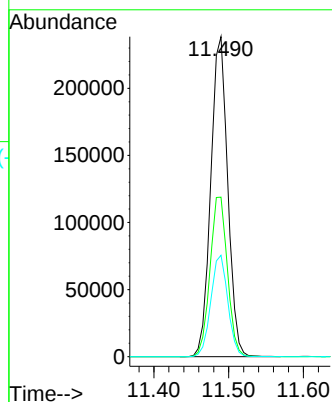
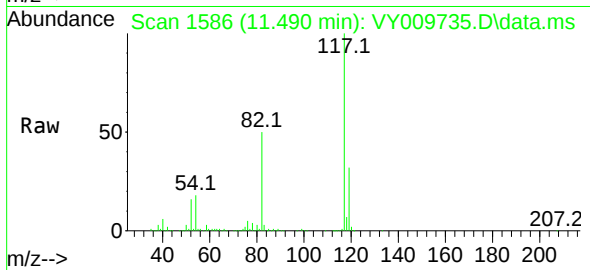
Tgt Ion:117 Resp: 376087

Ion Ratio Lower Upper

117 100

82 49.8 43.0 64.4

119 31.7 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: VY009735.D

Acq: 27 Jul 2022 19:23

Tgt Ion:152 Resp: 178670

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 158.5 0.0 347.6

