

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011114.D
 Acq On : 26 Oct 2022 14:27
 Operator : KP/MD
 Sample : N5281-03
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Oct 27 04:38:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	266603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	415828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109814	44.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.440%
35) Dibromofluoromethane	7.710	113	119542	45.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.179	98	387861	39.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.040%
62) 4-Bromofluorobenzene	12.477	95	137236	38.789	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.580%

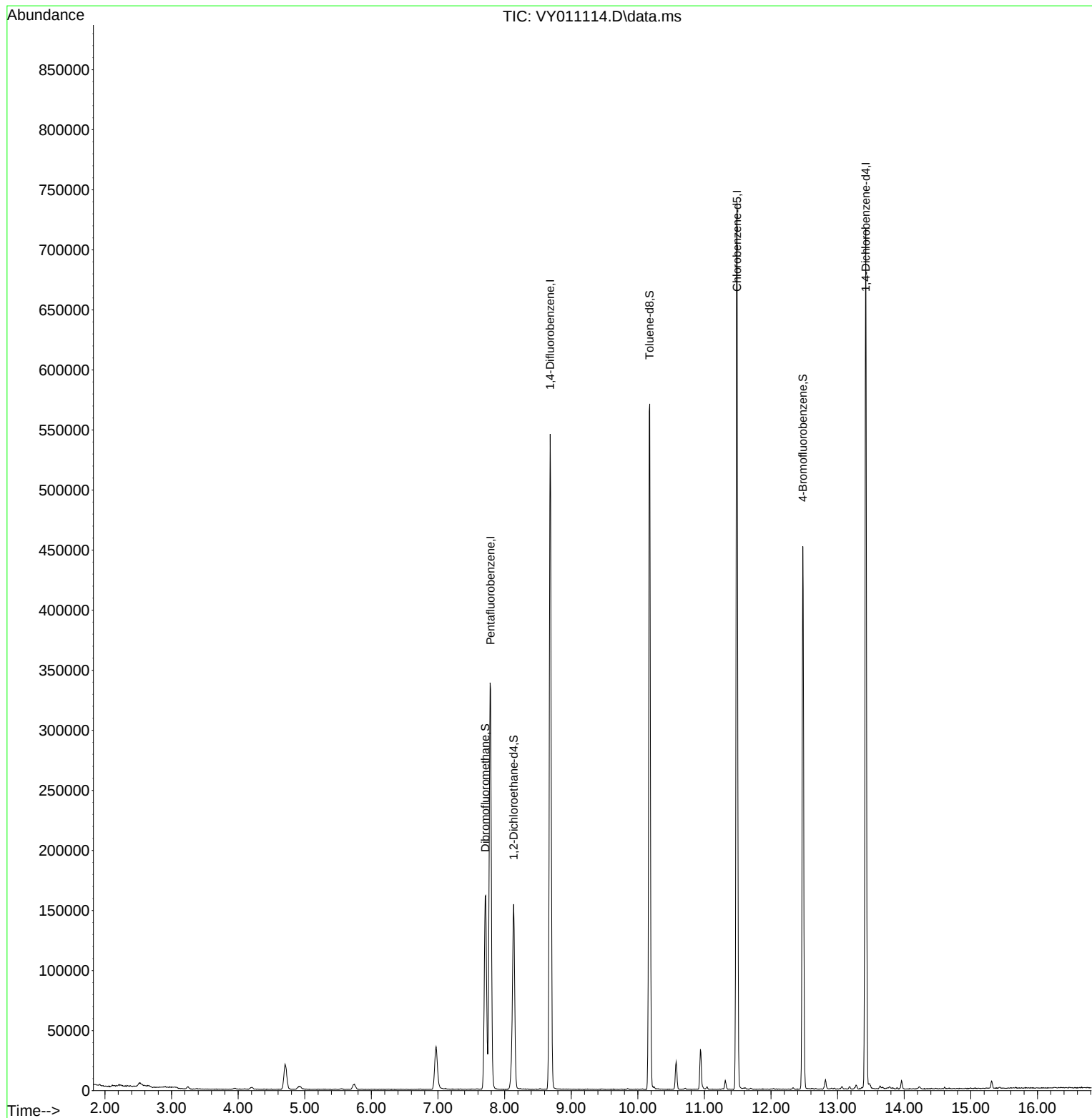
Target Compounds	Qvalue

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

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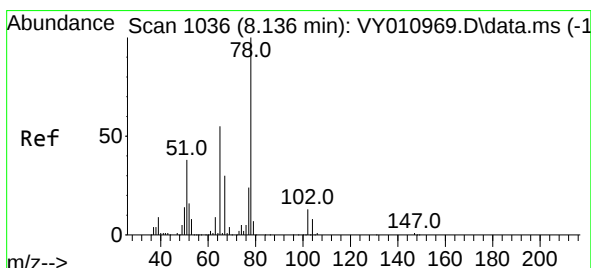
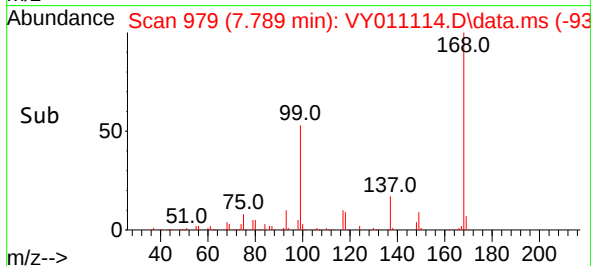
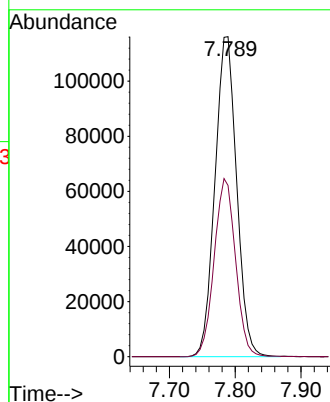
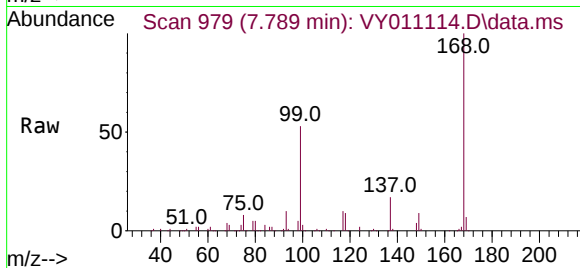




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

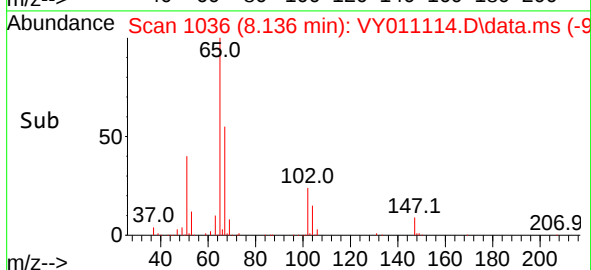
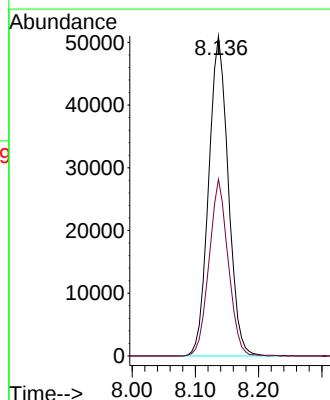
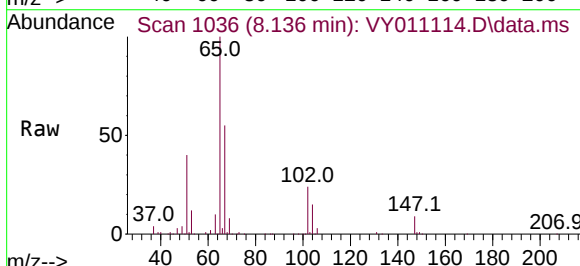
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

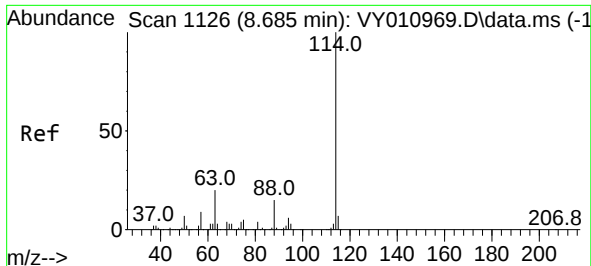
Tgt Ion:168 Resp: 266603
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.716 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 65 Resp: 109814
Ion Ratio Lower Upper
65 100
67 54.0 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: VY011114.D

Acq: 26 Oct 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

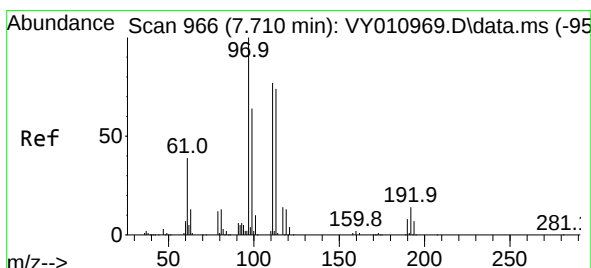
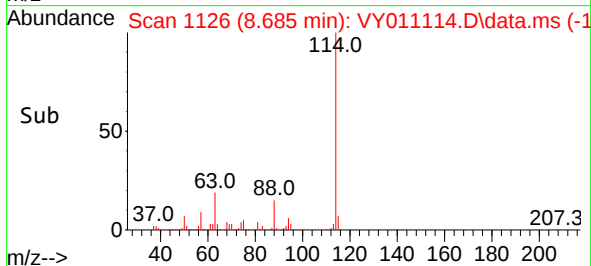
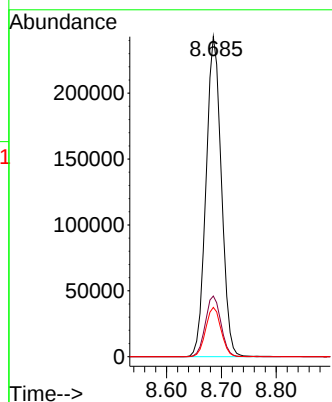
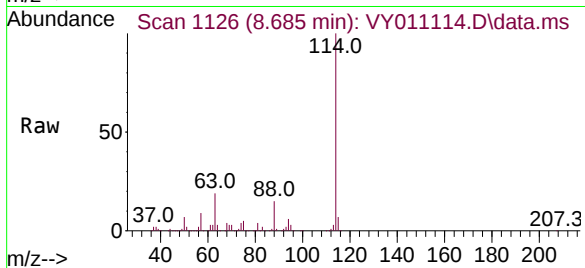
Tgt Ion:114 Resp: 470008

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.431 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011114.D

Acq: 26 Oct 2022 14:27

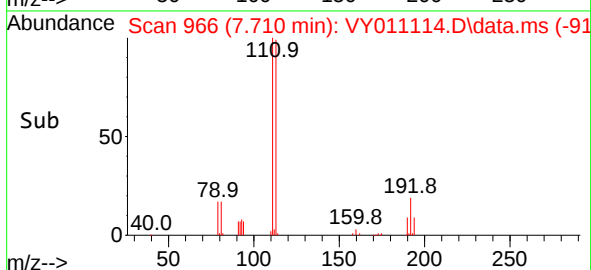
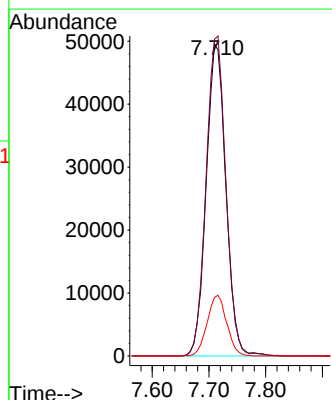
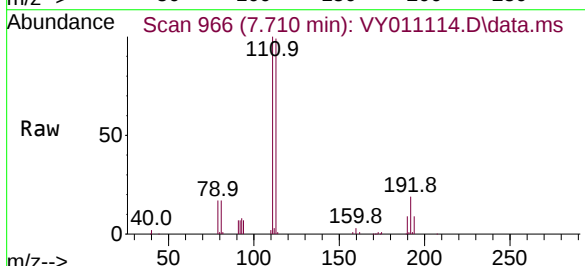
Tgt Ion:113 Resp: 119542

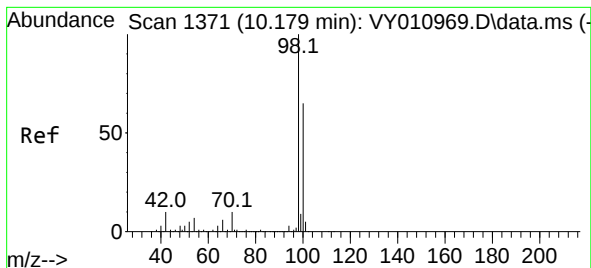
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.3 17.6 26.4

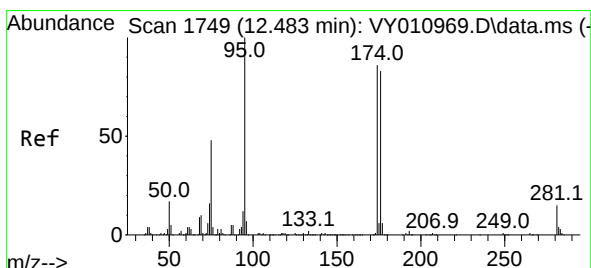
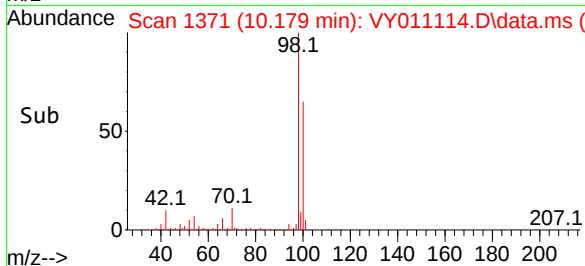
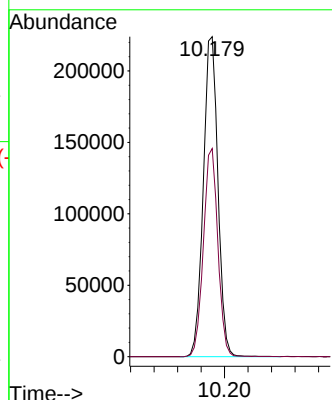
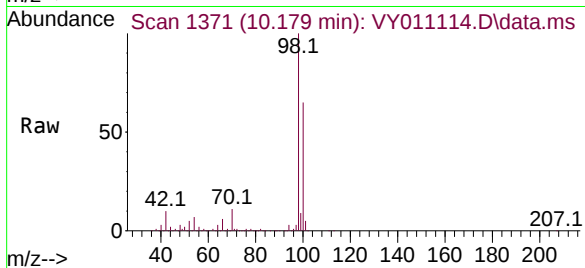




#50
Toluene-d8
Concen: 39.522 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

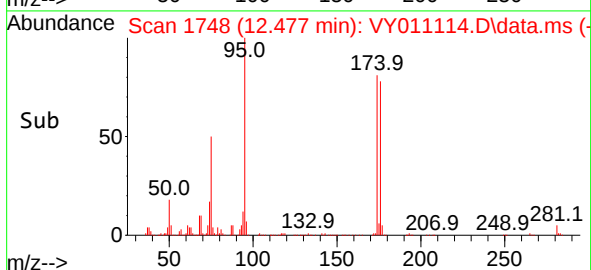
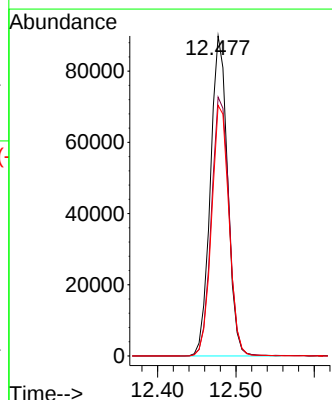
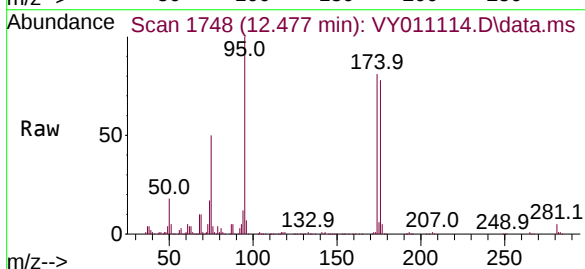
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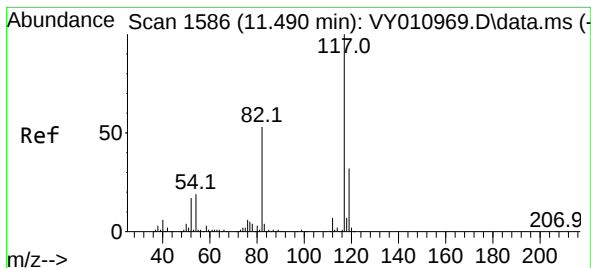
Tgt Ion: 98 Resp: 387861
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.789 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 95 Resp: 137236
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011114.D

Acq: 26 Oct 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

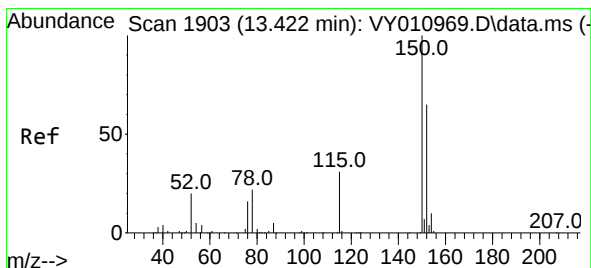
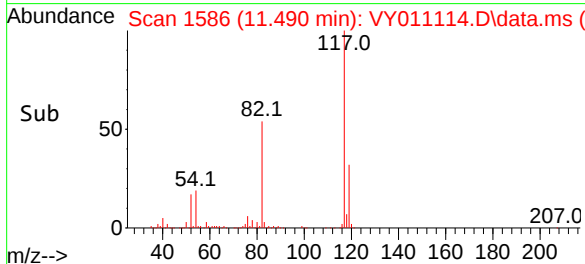
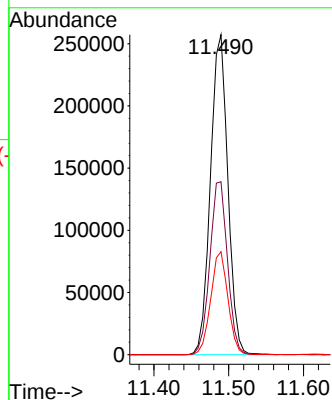
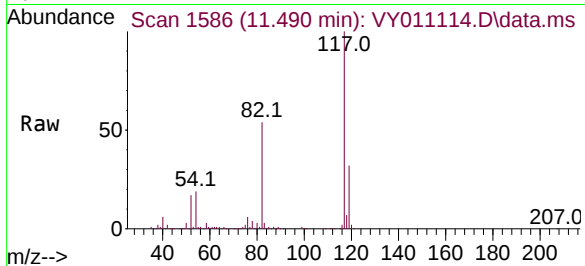
Tgt Ion:117 Resp: 415828

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 32.2 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: VY011114.D

Acq: 26 Oct 2022 14:27

Tgt Ion:152 Resp: 184849

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 156.9 0.0 347.6

