

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013915.D
 Acq On : 30 May 2023 13:35
 Operator : KP/MD
 Sample : 02922-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1618RE

Quant Time: May 30 15:37:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	38953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	27392	60.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.560%
35) Dibromofluoromethane	7.716	113	22017	55.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.179	98	74536	49.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.477	95	23517	46.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.420%

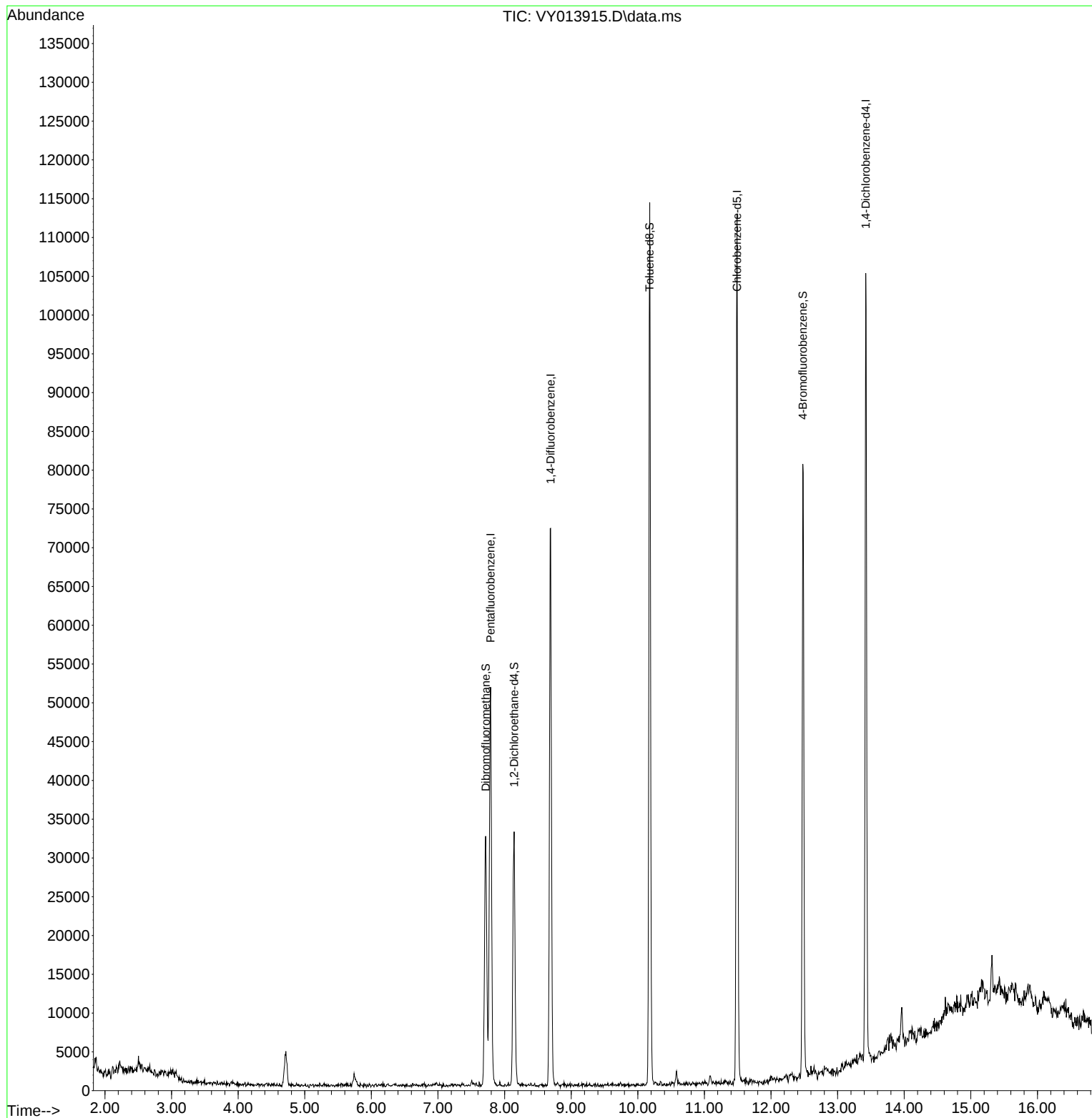
Target Compounds	Qvalue

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

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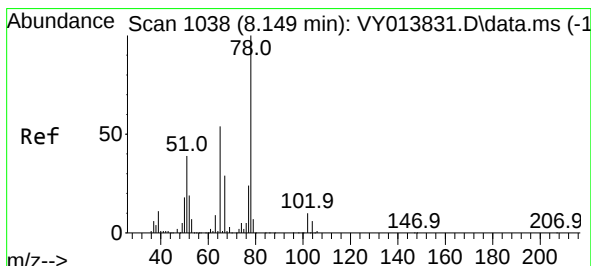
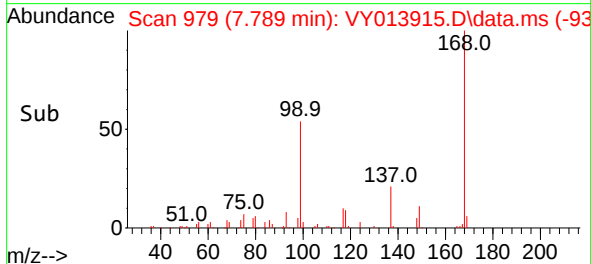
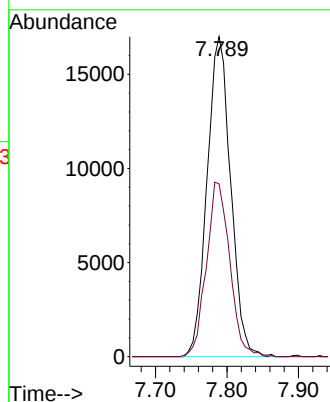
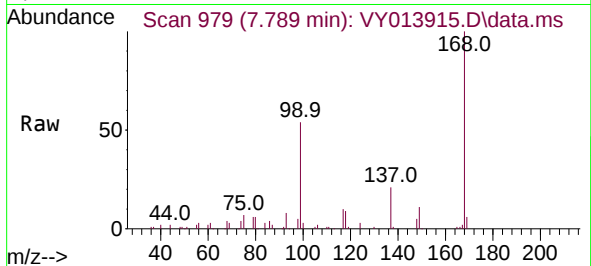




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

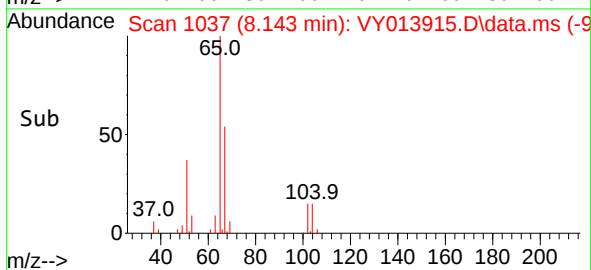
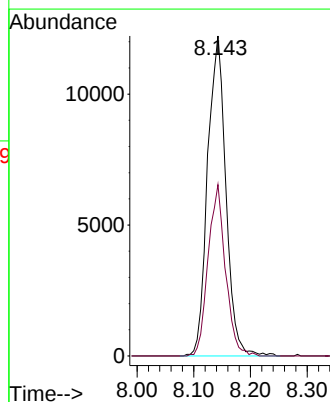
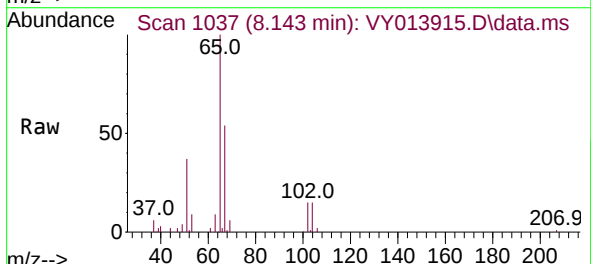
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1618RE

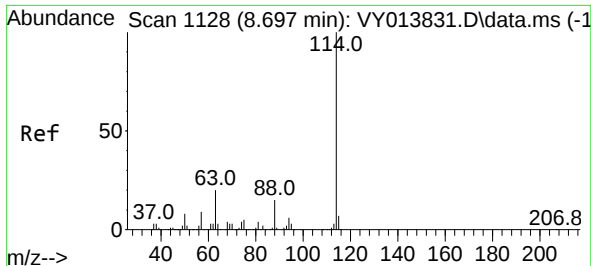
Tgt Ion:168 Resp: 38953
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 60.784 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 65 Resp: 27392
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013915.D

Acq: 30 May 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1618RE

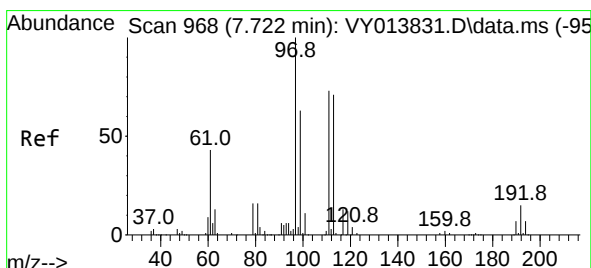
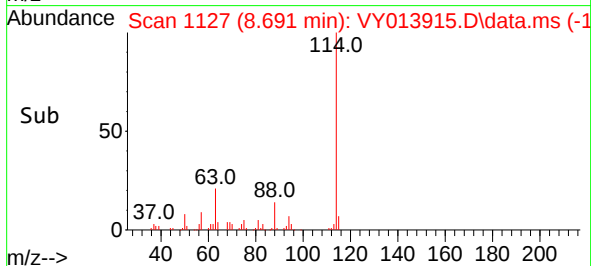
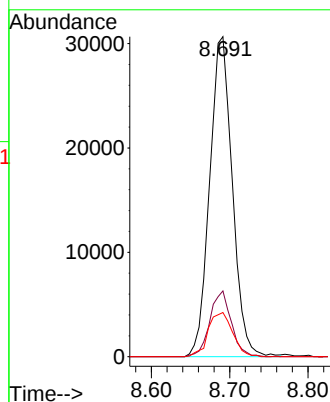
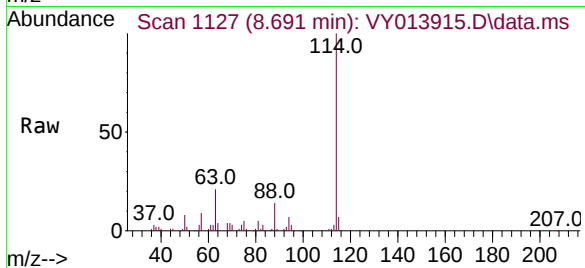
Tgt Ion:114 Resp: 61715

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 13.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.242 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013915.D

Acq: 30 May 2023 13:35

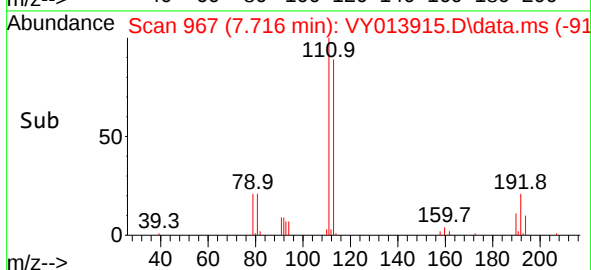
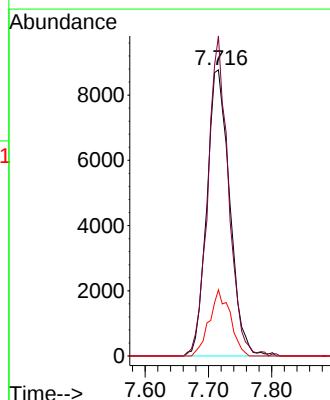
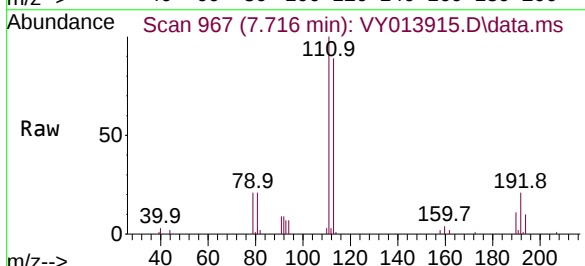
Tgt Ion:113 Resp: 22017

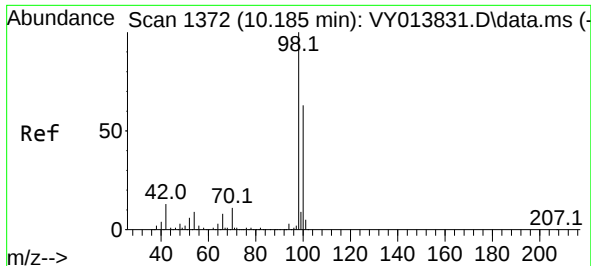
Ion Ratio Lower Upper

113 100

111 101.2 80.4 120.6

192 21.1 16.6 25.0

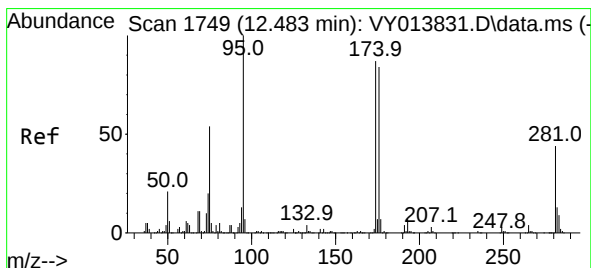
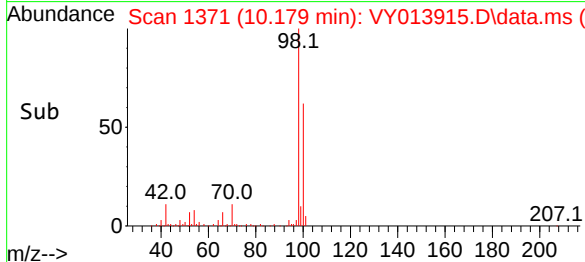
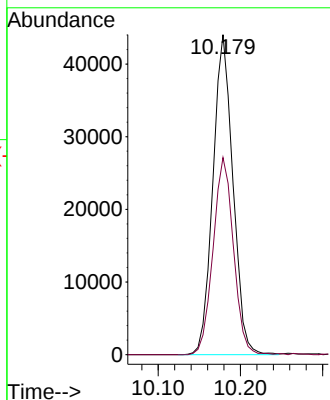
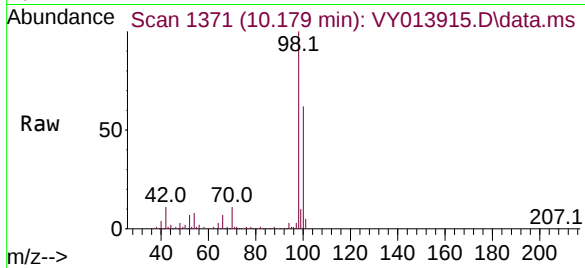




#50
Toluene-d8
Concen: 49.205 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

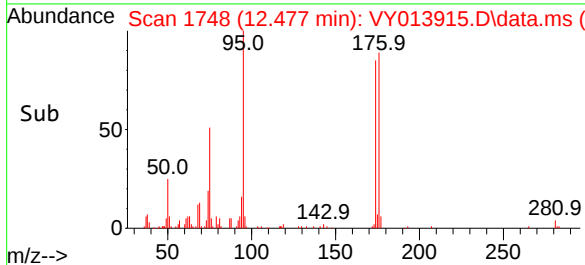
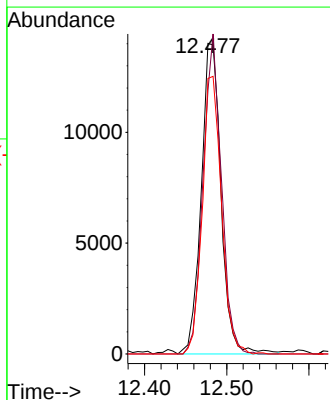
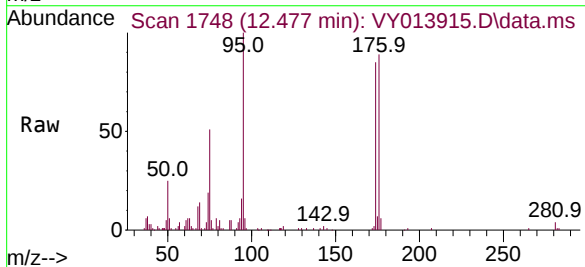
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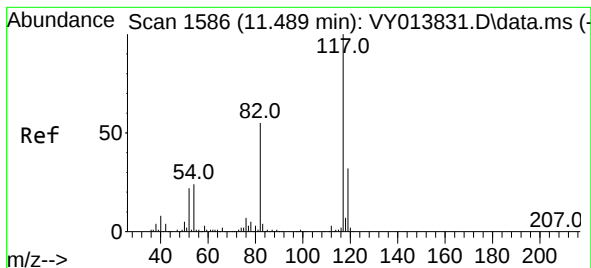
Tgt Ion: 98 Resp: 74536
Ion Ratio Lower Upper
98 100
100 62.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 46.705 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013915.D
Acq: 30 May 2023 13:35

Tgt Ion: 95 Resp: 23517
Ion Ratio Lower Upper
95 100
174 94.4 0.0 176.0
176 86.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013915.D

Acq: 30 May 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1618RE

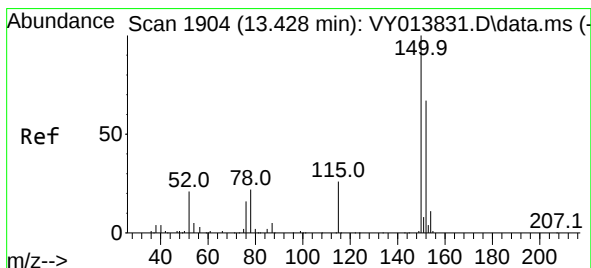
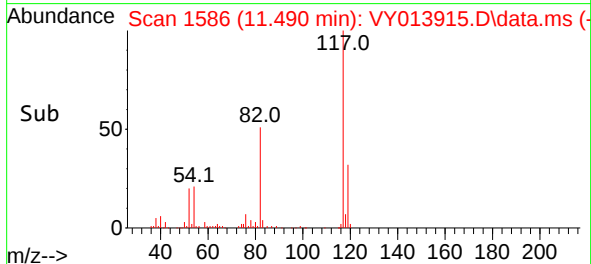
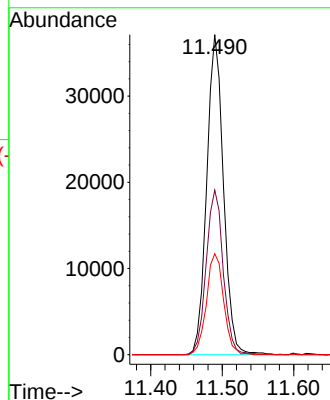
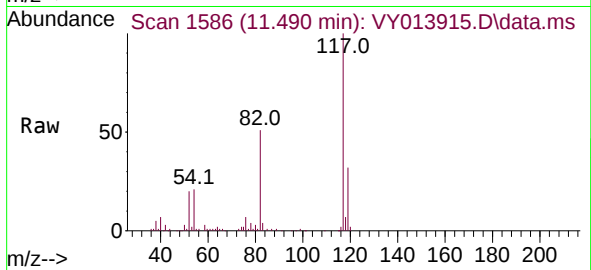
Tgt Ion:117 Resp: 60292

Ion Ratio Lower Upper

117 100

82 51.4 44.2 66.4

119 31.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013915.D

Acq: 30 May 2023 13:35

Tgt Ion:152 Resp: 26350

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 160.6 0.0 353.4

