

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019962.D
 Acq On : 21 Oct 2024 14:58
 Operator : SY/MD
 Sample : P4468-03
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-329

Quant Time: Oct 21 23:32:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	209122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	445180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144101	55.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.920%
35) Dibromofluoromethane	7.634	113	144551	49.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.109	98	547484	50.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.402	95	163520	41.715	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.440%

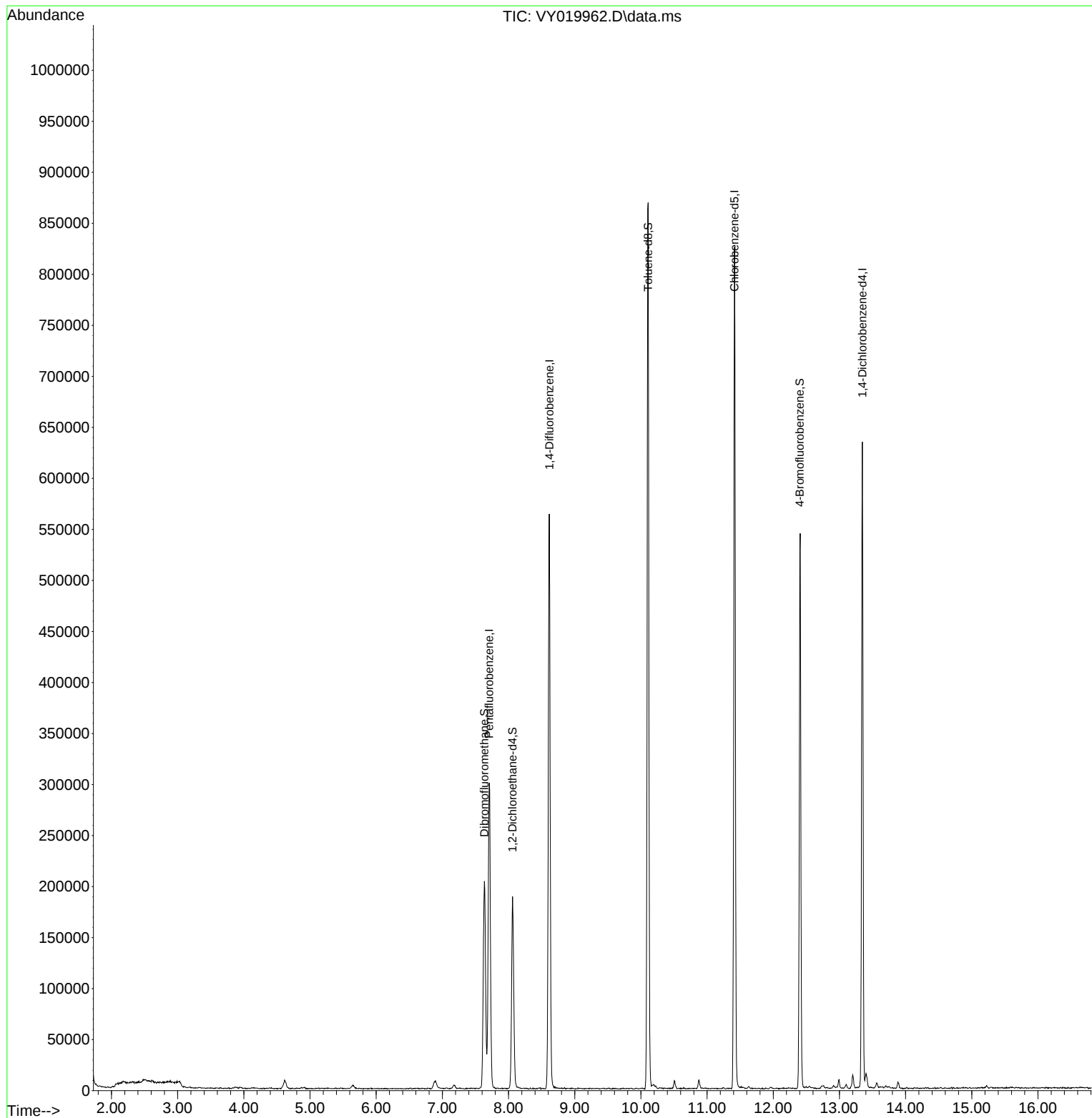
Target Compounds	Qvalue

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

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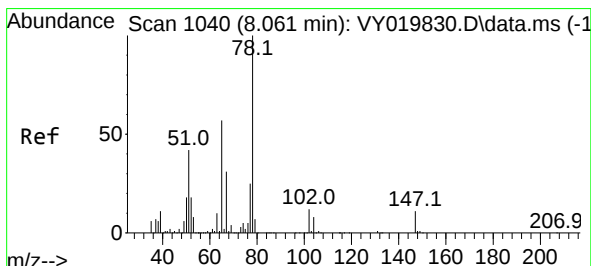
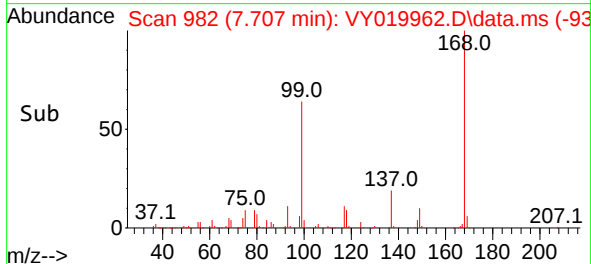
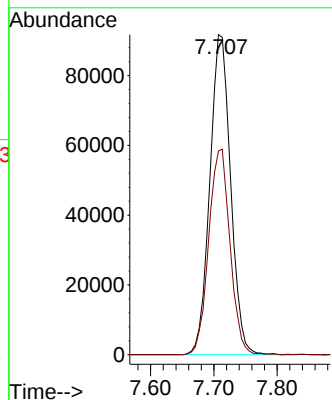
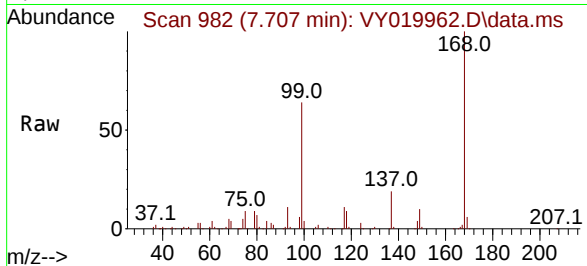




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

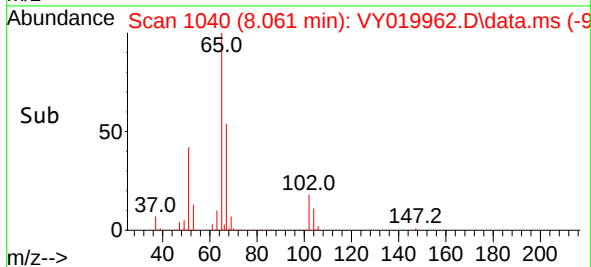
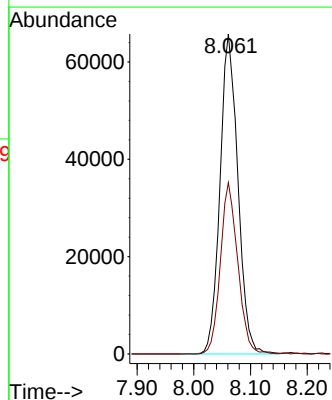
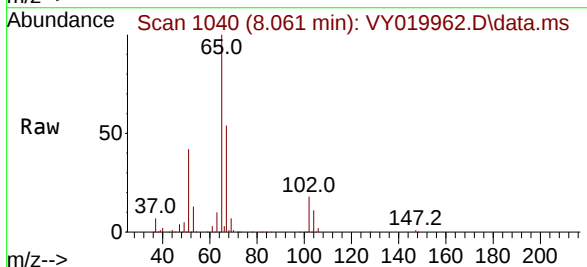
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-329

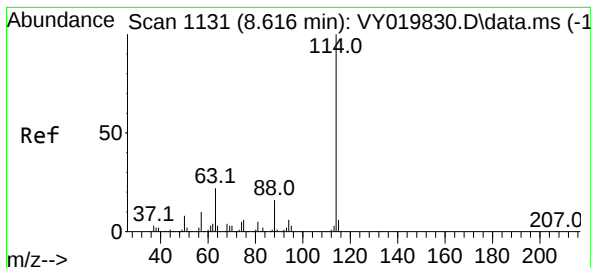
Tgt Ion:168 Resp: 209122
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 55.964 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Tgt Ion: 65 Resp: 144101
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-329

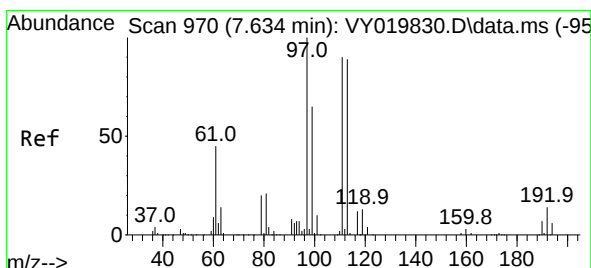
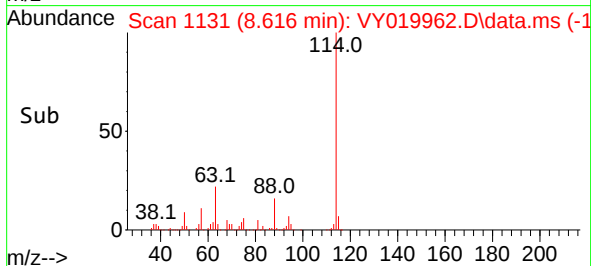
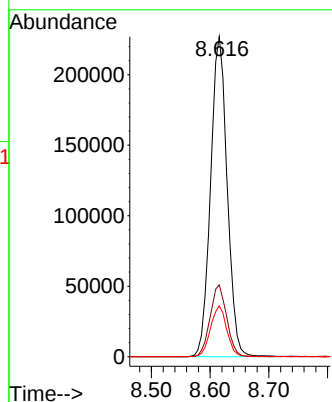
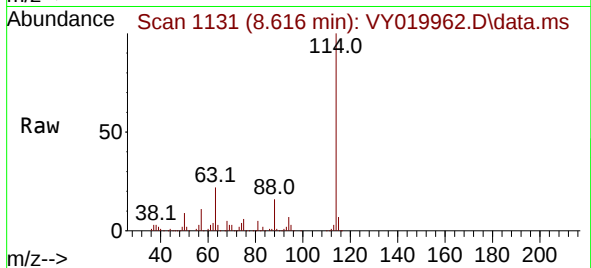
Tgt Ion:114 Resp: 445180

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.206 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

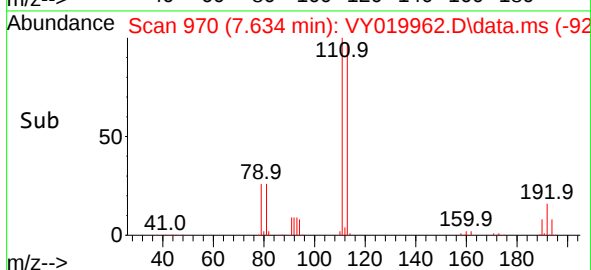
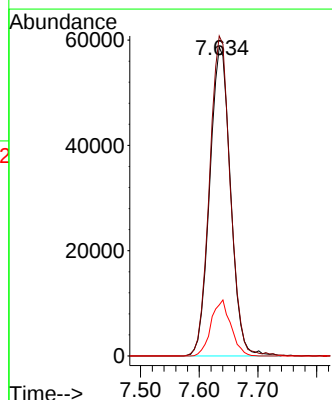
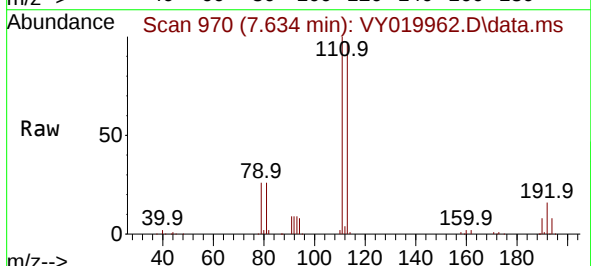
Tgt Ion:113 Resp: 144551

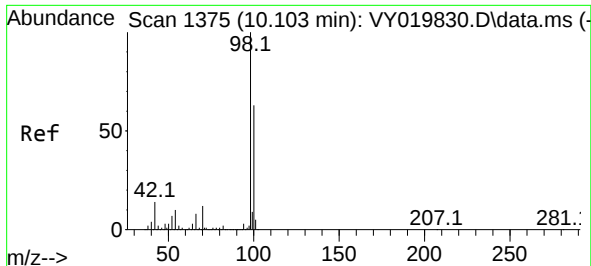
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.2 15.9 23.9

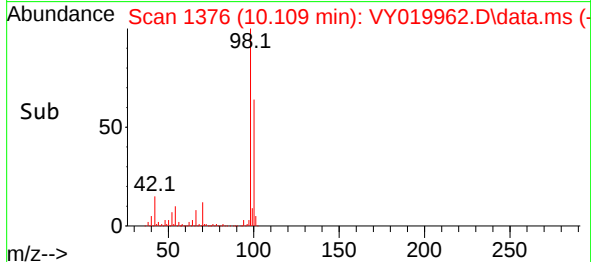
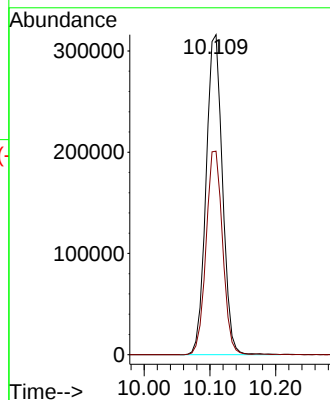
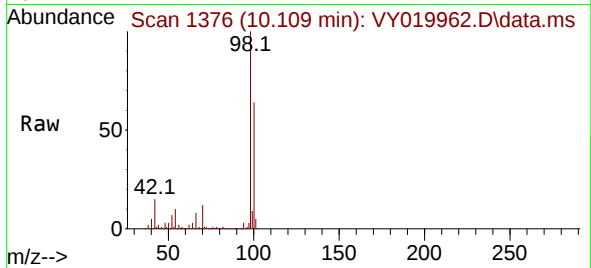




#50
Toluene-d8
Concen: 50.466 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

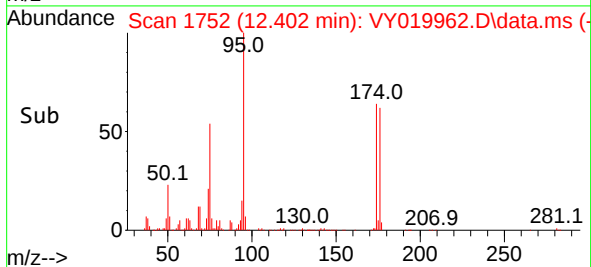
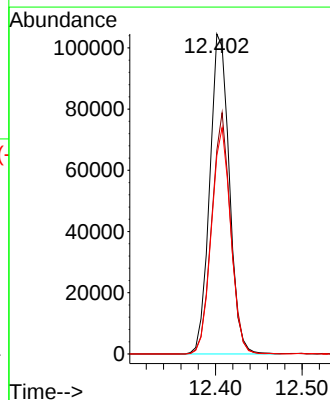
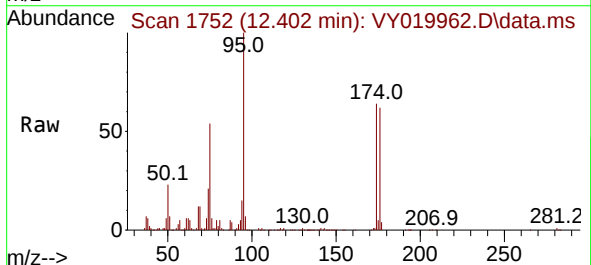
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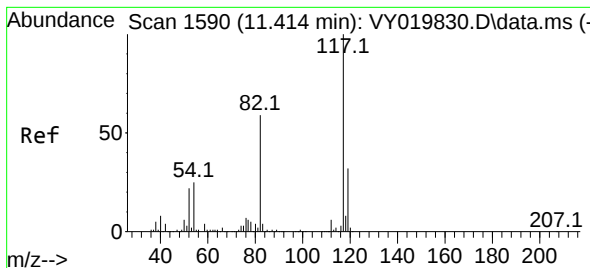
Tgt Ion: 98 Resp: 547484
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.715 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019962.D
Acq: 21 Oct 2024 14:58

Tgt Ion: 95 Resp: 163520
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 70.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-329

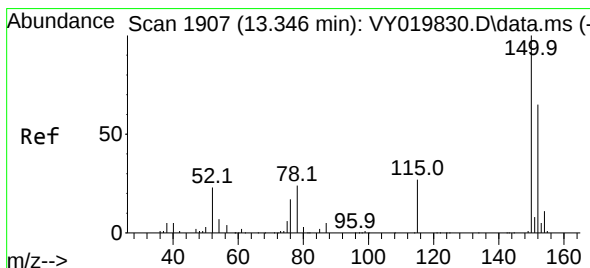
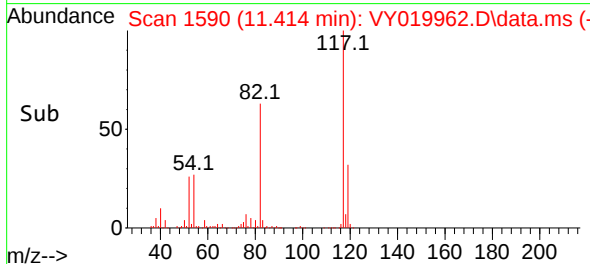
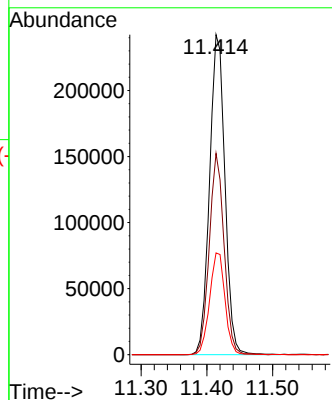
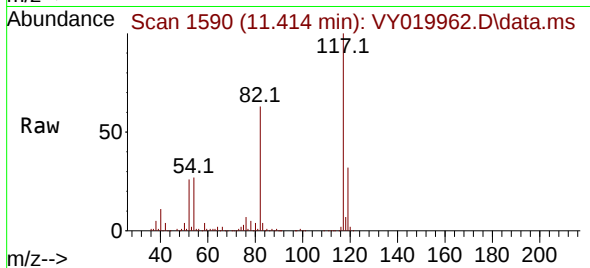
Tgt Ion:117 Resp: 394369

Ion Ratio Lower Upper

117 100

82 62.9 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019962.D

Acq: 21 Oct 2024 14:58

Tgt Ion:152 Resp: 138110

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.3 0.0 345.6

