

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020022.D
 Acq On : 25 Oct 2024 13:26
 Operator : SY/MD
 Sample : P4531-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-102424RE

Quant Time: Oct 26 00:21:08 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	60961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	113811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	90633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	27625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	39277	52.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.660%
35) Dibromofluoromethane	7.634	113	37187	49.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.109	98	131399	47.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.408	95	33891	33.819	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	67.640%

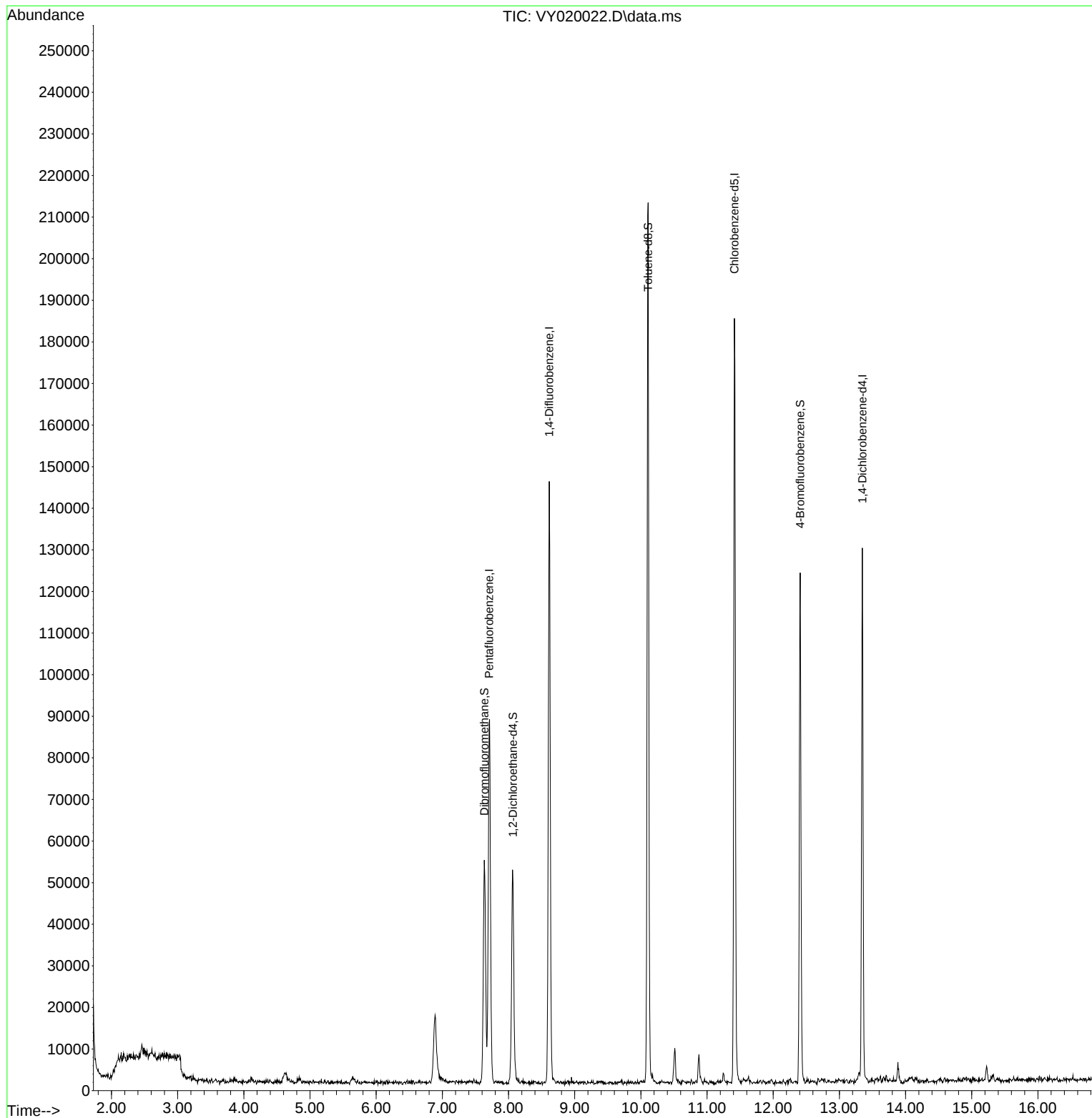
Target Compounds	Qvalue

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

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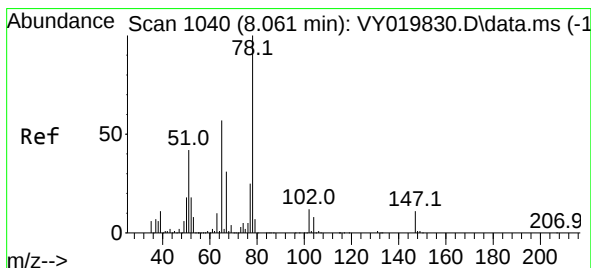
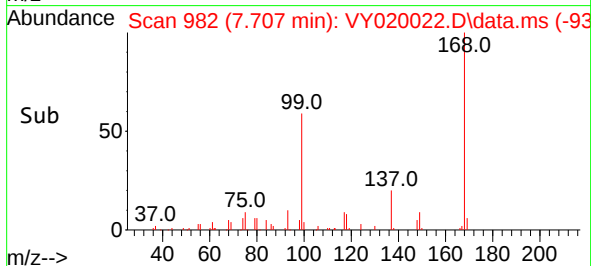
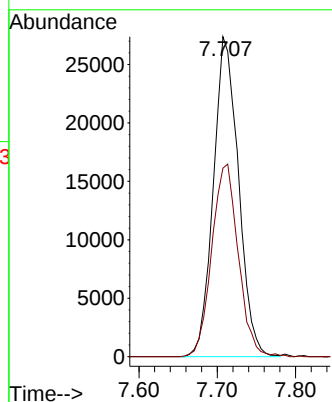
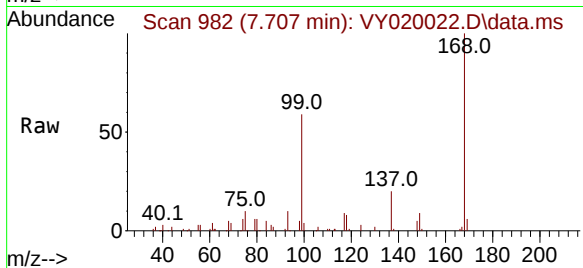




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

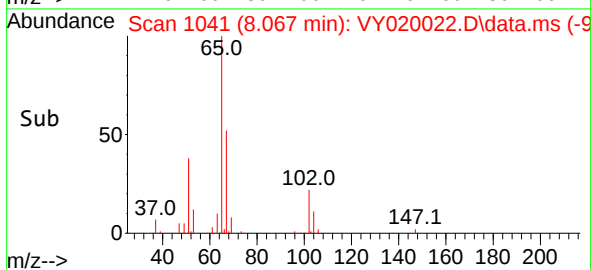
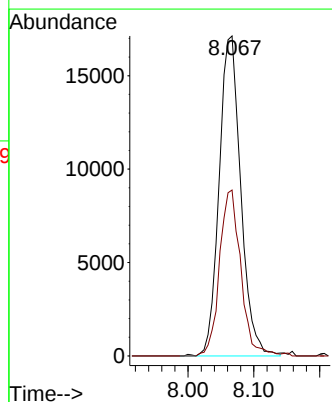
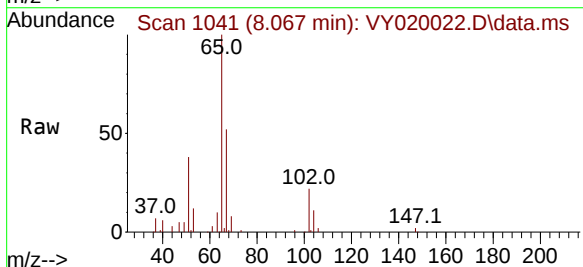
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-102424RE

Tgt Ion:168 Resp: 60961
Ion Ratio Lower Upper
168 100
99 58.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.327 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Tgt Ion: 65 Resp: 39277
Ion Ratio Lower Upper
65 100
67 51.0 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: VY020022.D

Acq: 25 Oct 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-102424RE

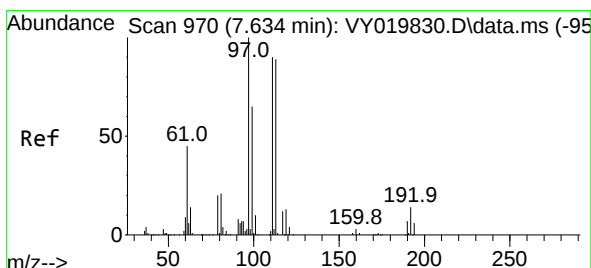
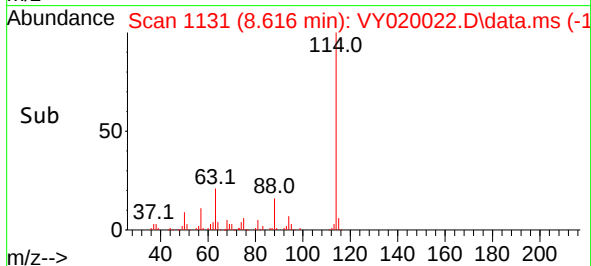
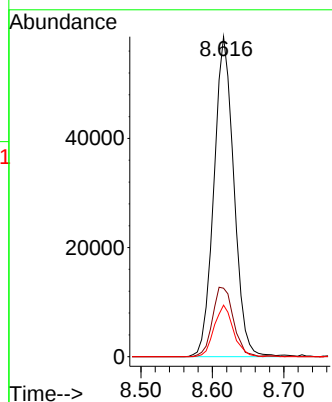
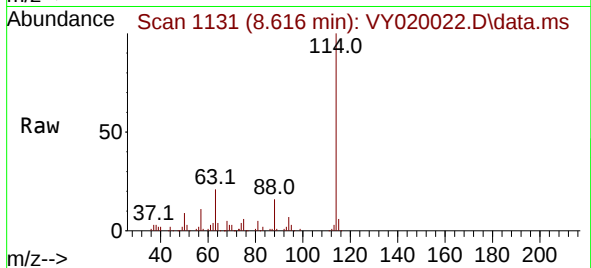
Tgt Ion:114 Resp: 113811

Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.515 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020022.D

Acq: 25 Oct 2024 13:26

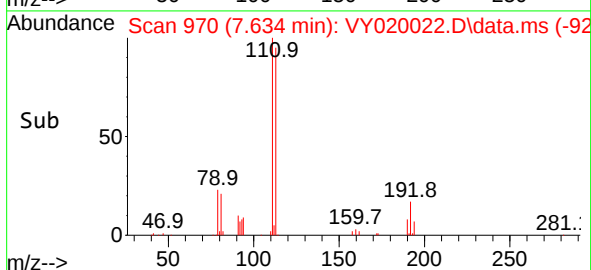
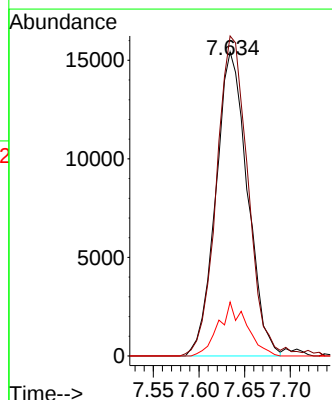
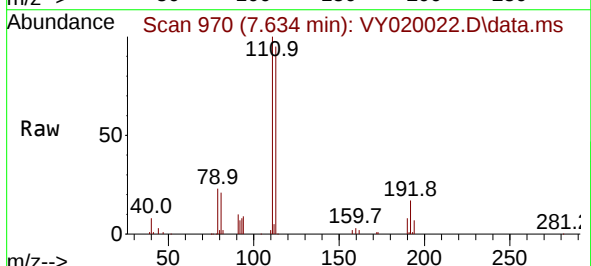
Tgt Ion:113 Resp: 37187

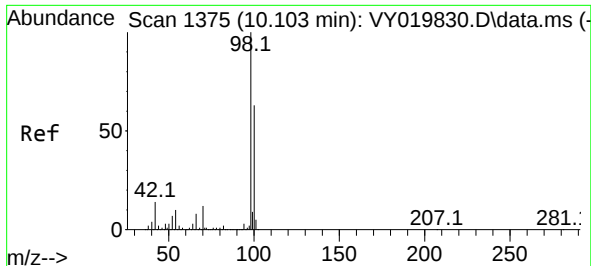
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 15.8 15.9 23.9#

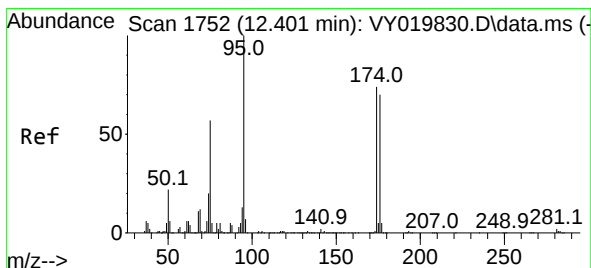
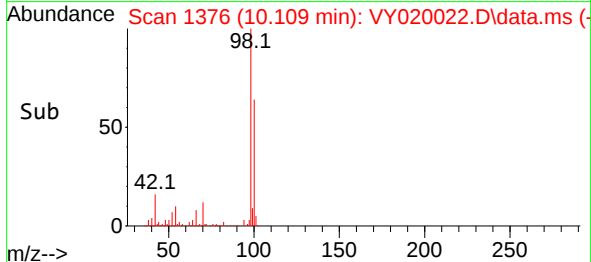
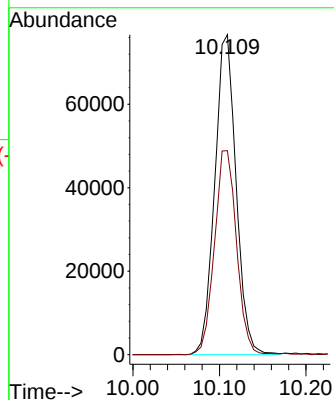
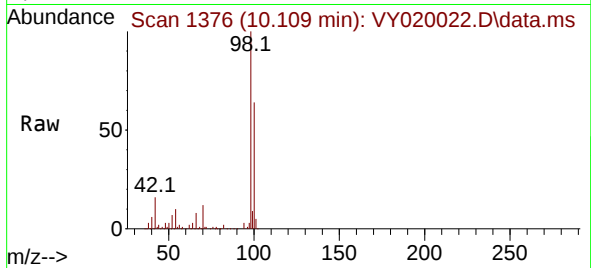




#50
Toluene-d8
Concen: 47.378 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

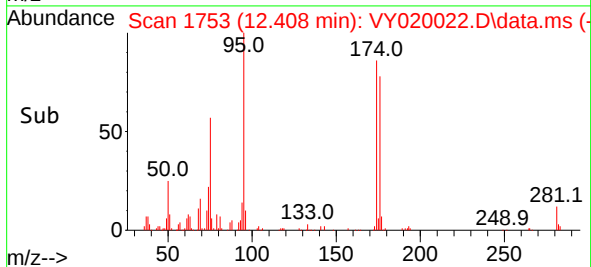
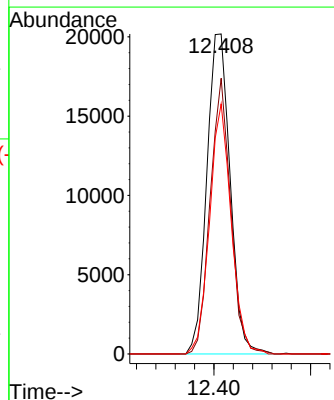
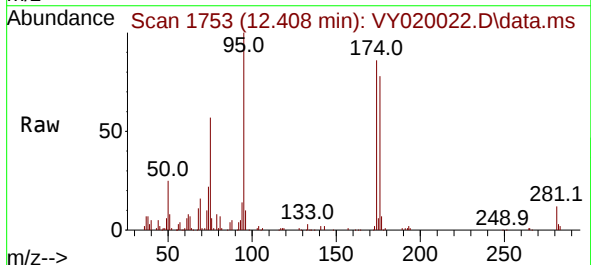
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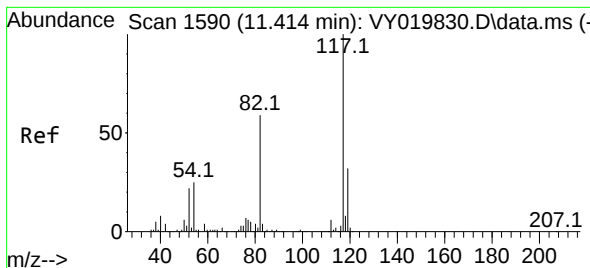
Tgt Ion: 98 Resp: 131399
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 33.819 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020022.D
Acq: 25 Oct 2024 13:26

Tgt Ion: 95 Resp: 33891
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.3 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: VY020022.D

Acq: 25 Oct 2024 13:26

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-102424RE

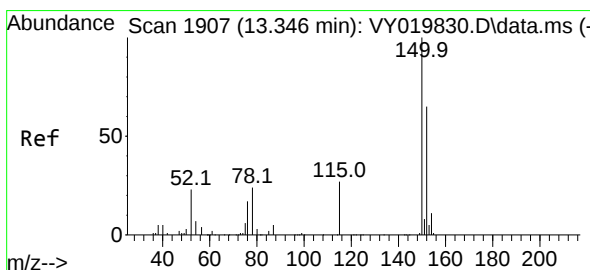
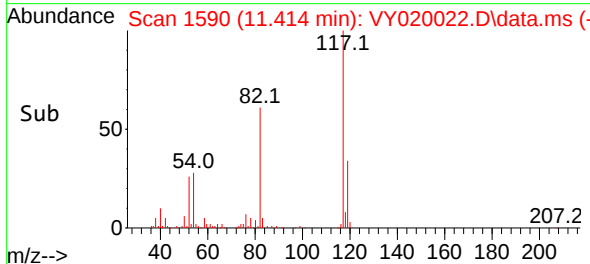
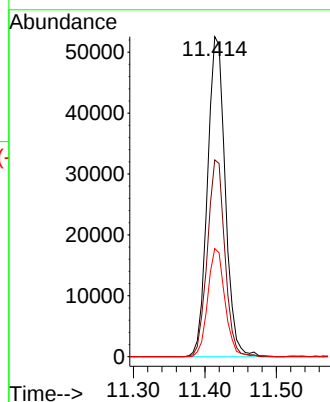
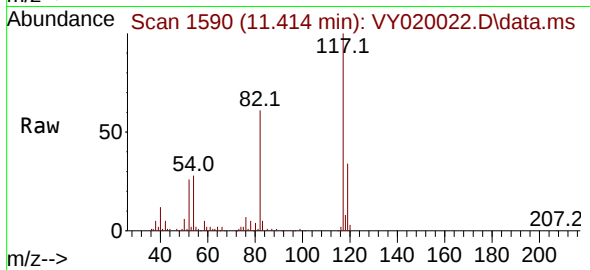
Tgt Ion:117 Resp: 90633

Ion Ratio Lower Upper

117 100

82 61.5 42.4 63.6

119 33.8 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: VY020022.D

Acq: 25 Oct 2024 13:26

Tgt Ion:152 Resp: 27625

Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 155.7 0.0 345.6

