

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020068.D
 Acq On : 29 Oct 2024 17:56
 Operator : SY/MD
 Sample : P4594-03
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-VOC

Quant Time: Oct 30 01:28:25 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	124842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	254451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	236229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	85044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90898	59.133	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.260%	
35) Dibromofluoromethane	7.634	113	87135	51.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.109	98	320494	51.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.408	95	96771	43.192	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.380%	

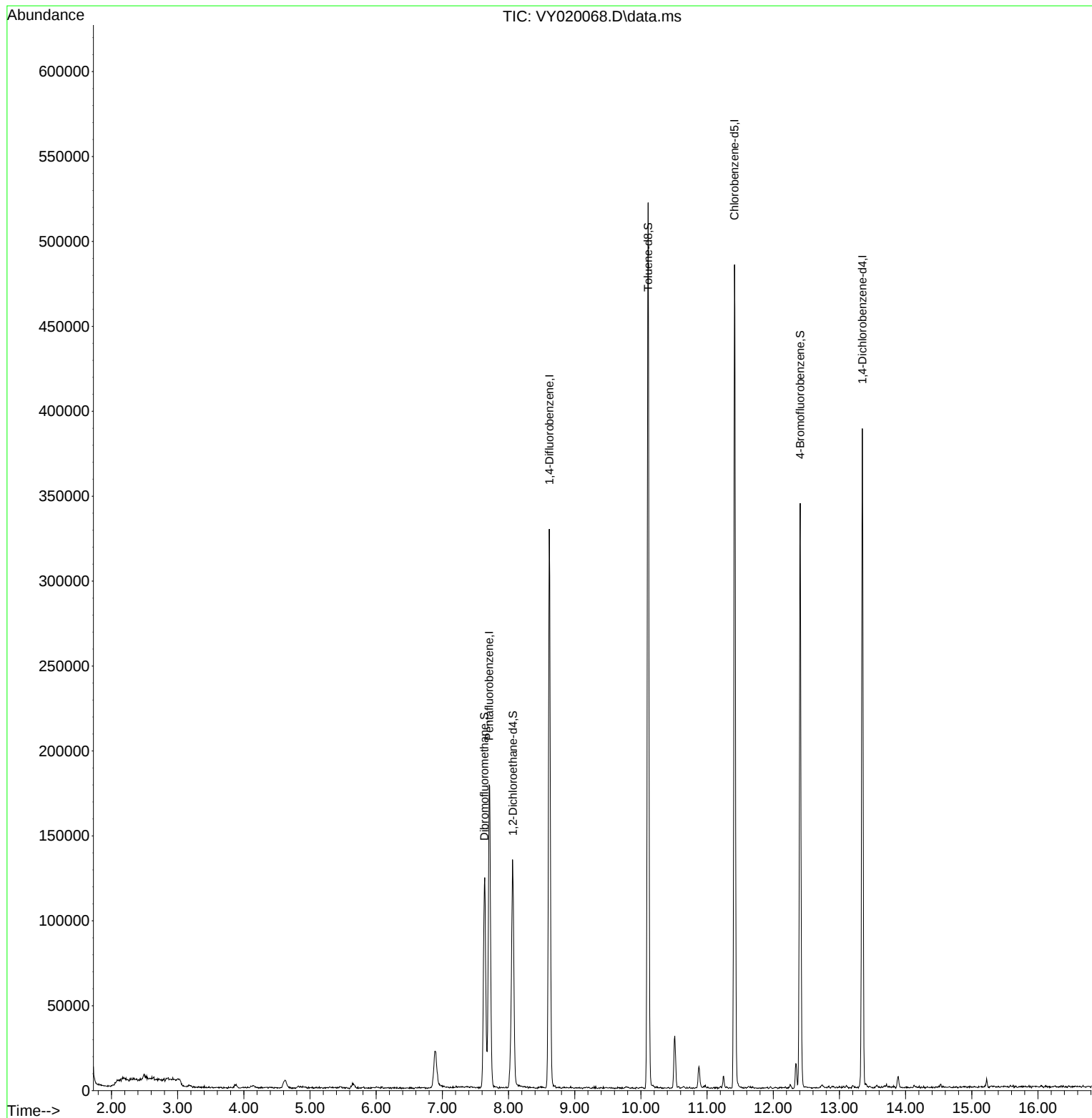
Target Compounds	Qvalue

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

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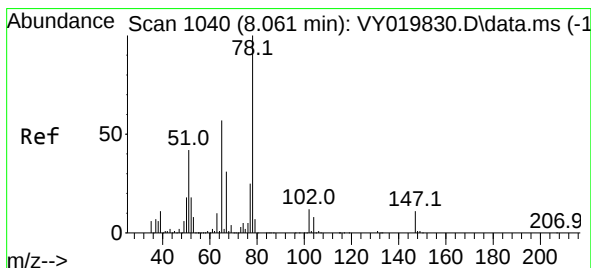
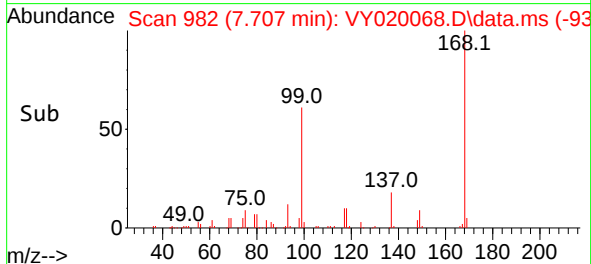
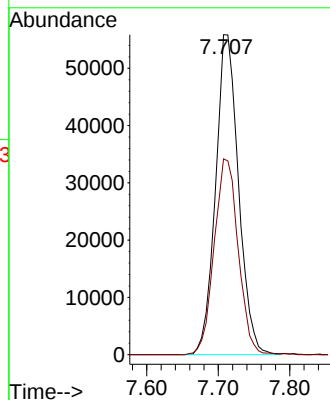
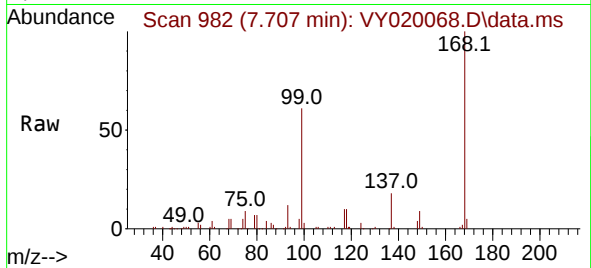




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020068.D
Acq: 29 Oct 2024 17:56

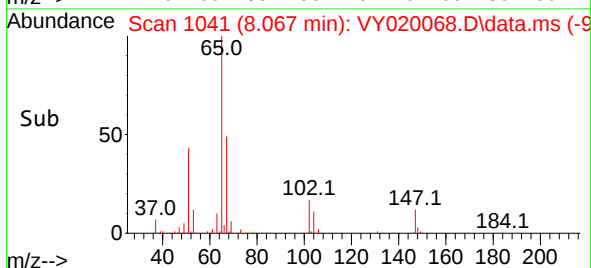
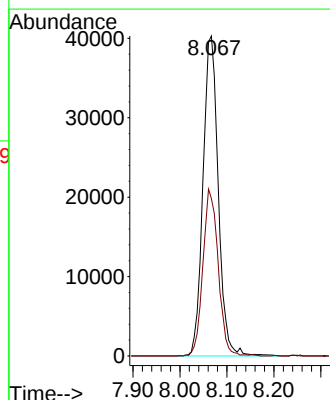
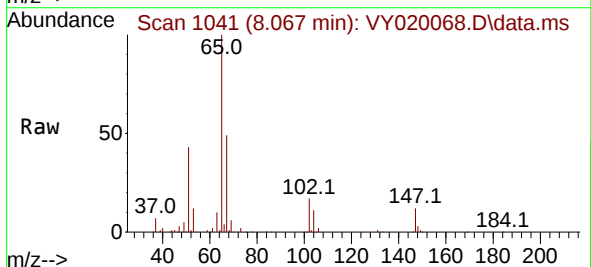
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-VOC

Tgt Ion:168 Resp: 124842
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.133 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020068.D
Acq: 29 Oct 2024 17:56

Tgt Ion: 65 Resp: 90898
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

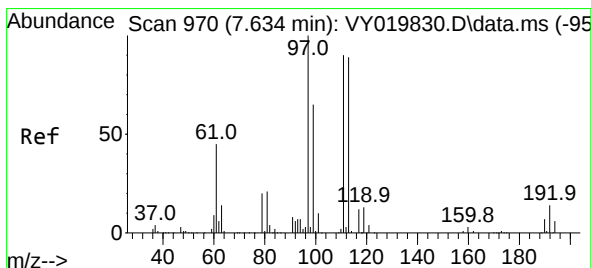
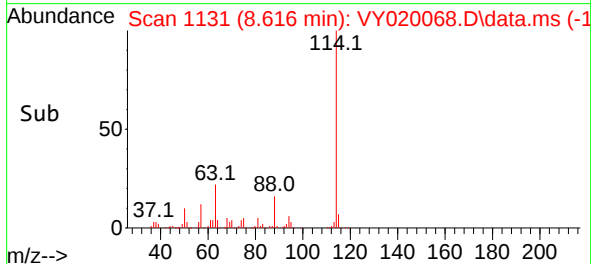
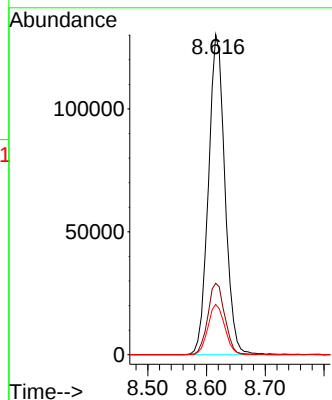
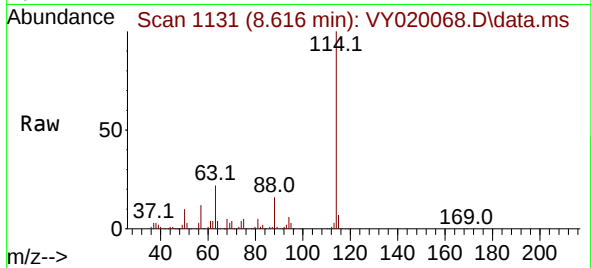




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020068.D
 Acq: 29 Oct 2024 17:56

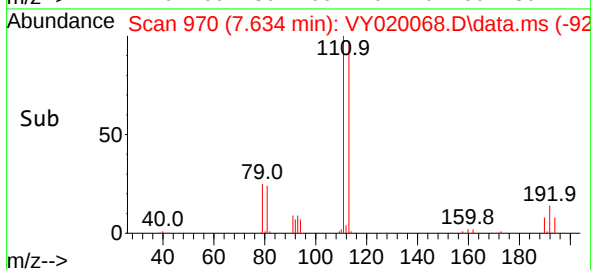
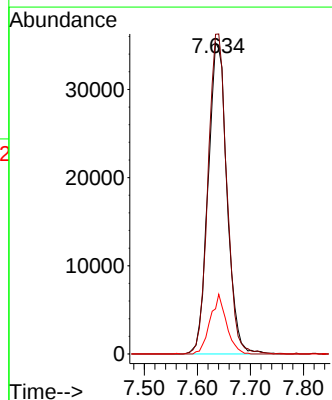
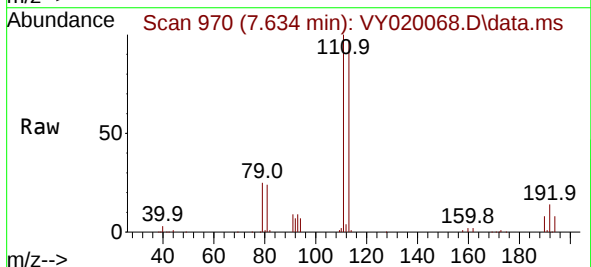
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-VOC

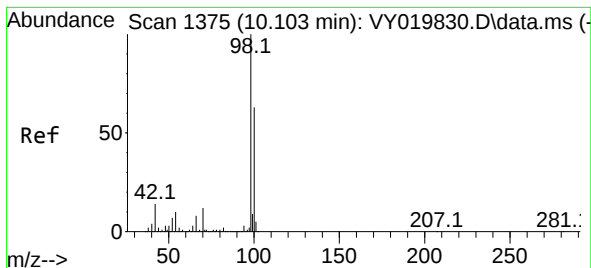
Tgt Ion:114 Resp: 254451
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.0
 88 15.7 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 51.894 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020068.D
 Acq: 29 Oct 2024 17:56

Tgt Ion:113 Resp: 87135
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 16.6 15.9 23.9





#50

Toluene-d8

Concen: 51.687 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020068.D

Acq: 29 Oct 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

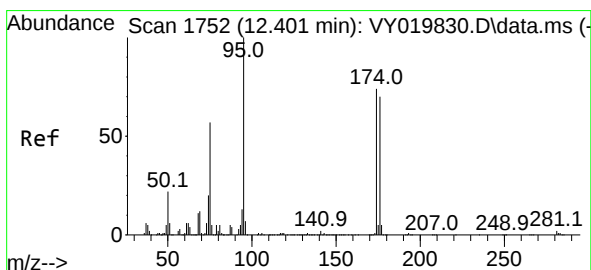
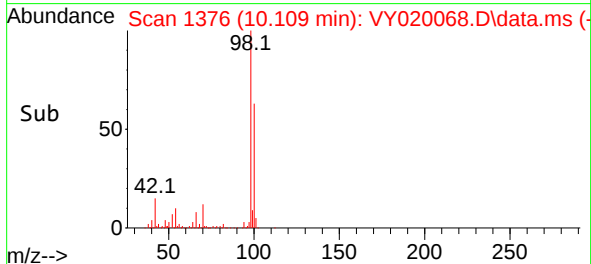
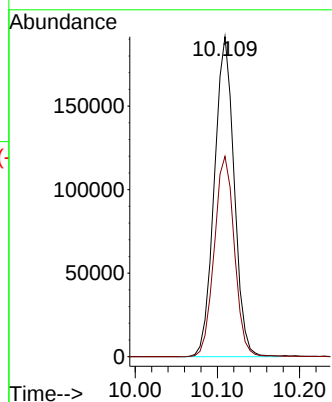
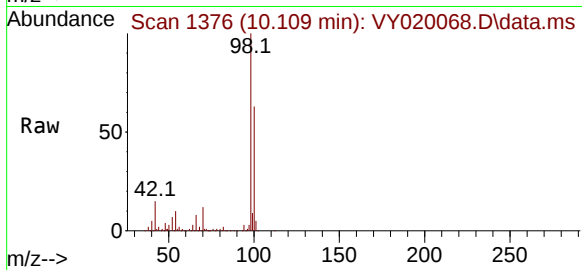
TP-4-VOC

Tgt Ion: 98 Resp: 320494

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.192 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020068.D

Acq: 29 Oct 2024 17:56

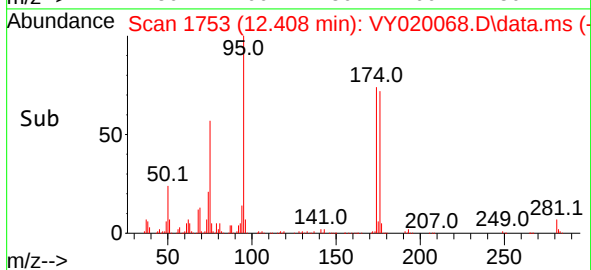
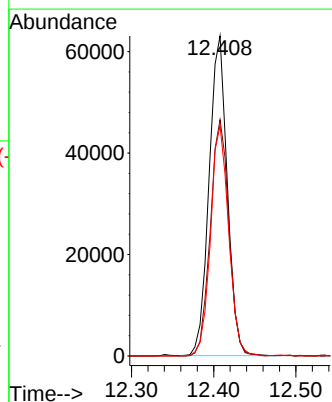
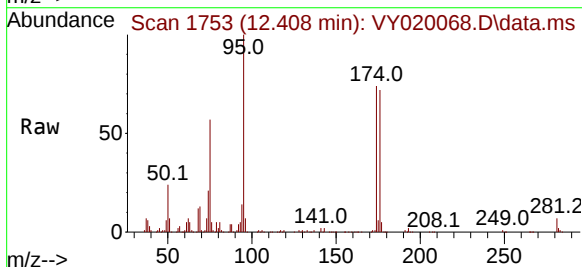
Tgt Ion: 95 Resp: 96771

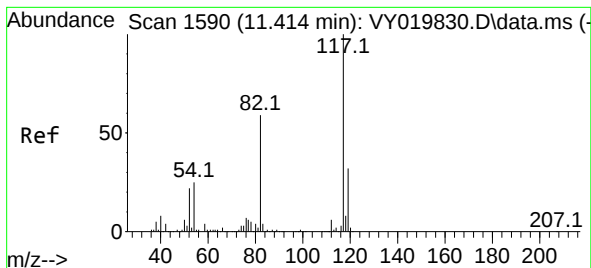
Ion Ratio Lower Upper

95 100

174 75.5 0.0 175.6

176 71.6 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: VY020068.D

Acq: 29 Oct 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-VOC

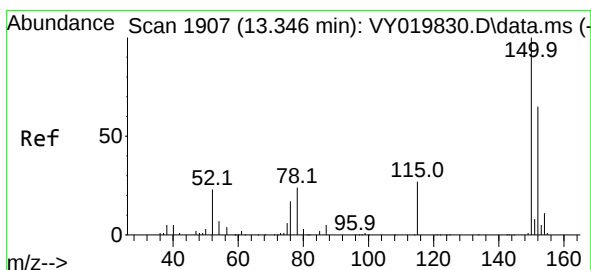
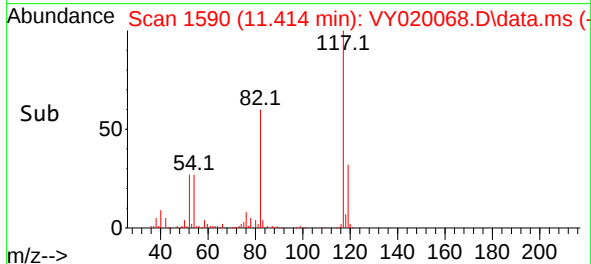
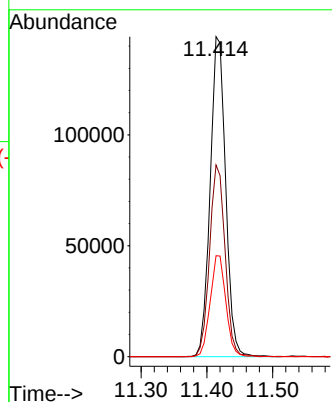
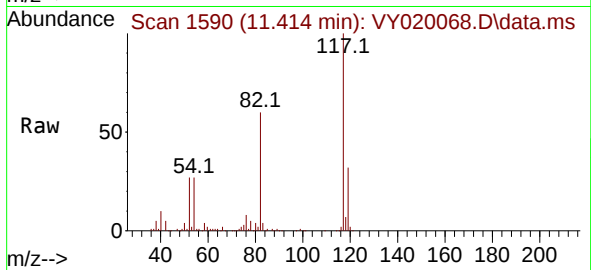
Tgt Ion:117 Resp: 236229

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020068.D

Acq: 29 Oct 2024 17:56

Tgt Ion:152 Resp: 85044

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 156.3 0.0 345.6

