

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020235.D
 Acq On : 08 Nov 2024 15:59
 Operator : SY/MD
 Sample : P4756-03
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-B4-VOC

Quant Time: Nov 08 22:20:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	194058	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	407124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	379587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	135810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140186	57.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.760%
35) Dibromofluoromethane	7.634	113	134762	52.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.103	98	513055	49.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.408	95	162825	48.653	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.300%

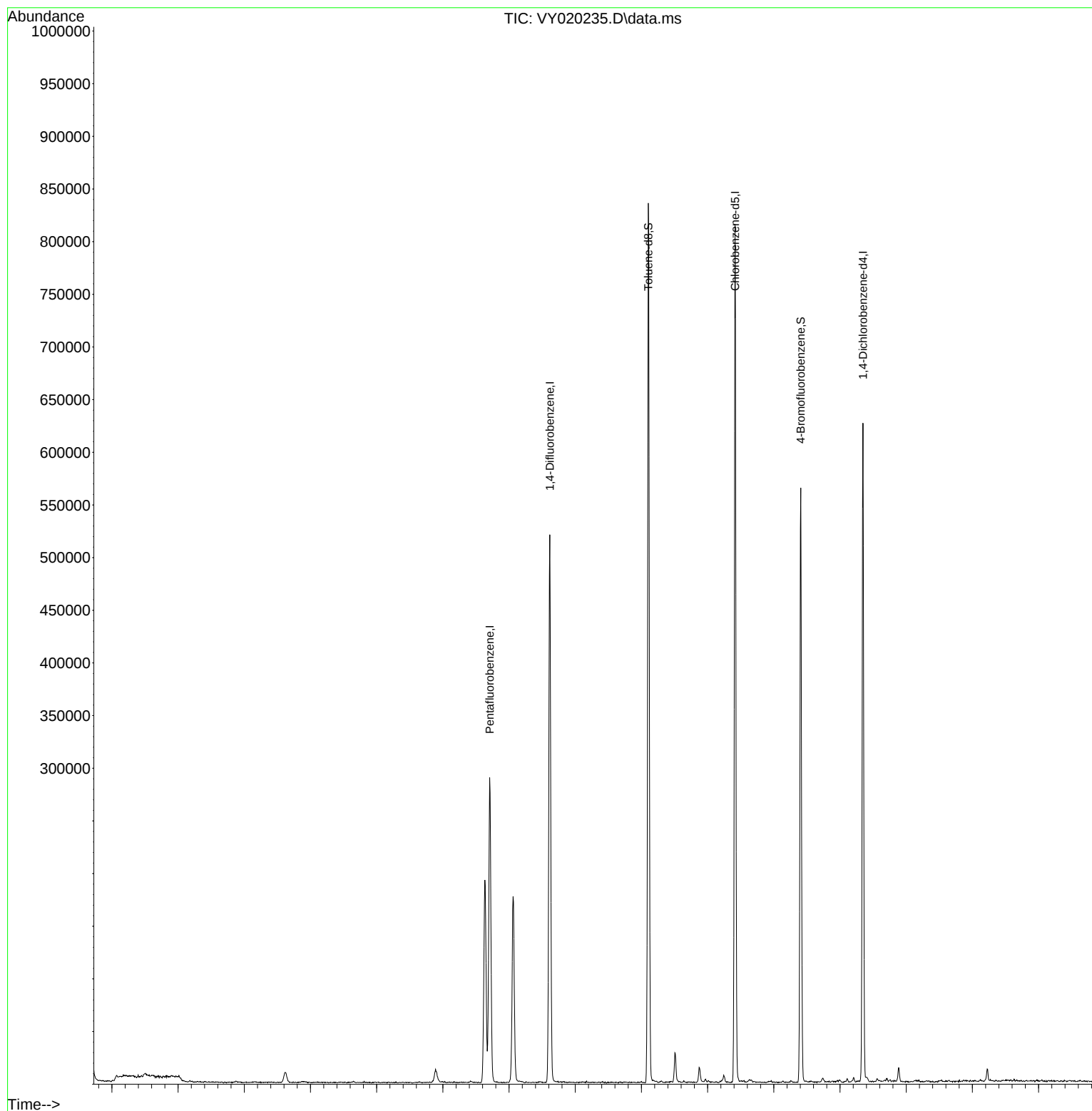
Target Compounds Qvalue

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

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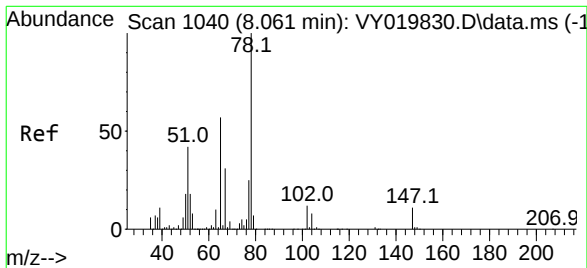
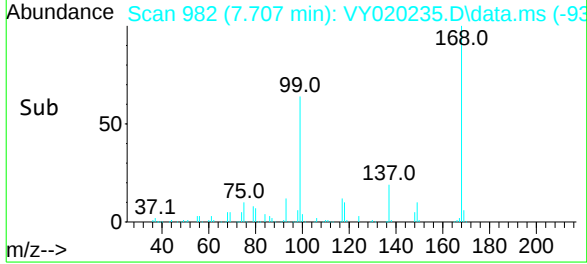
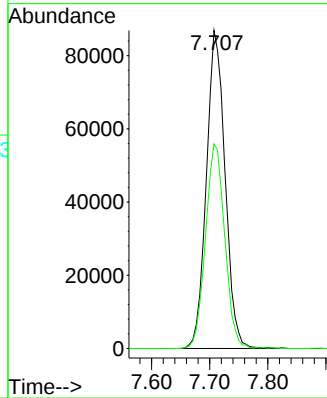
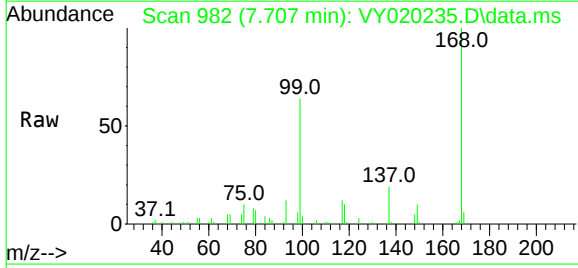




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

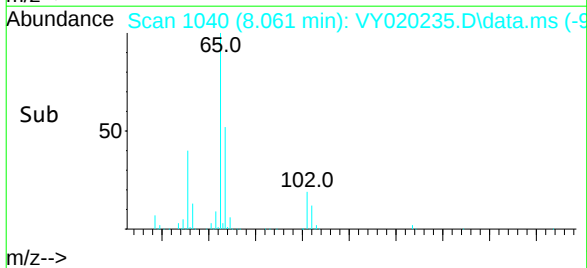
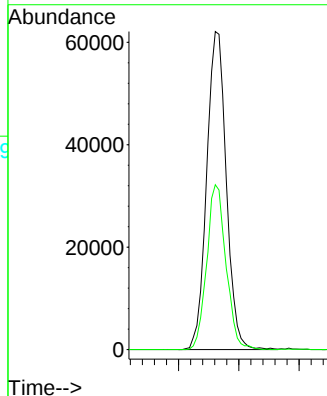
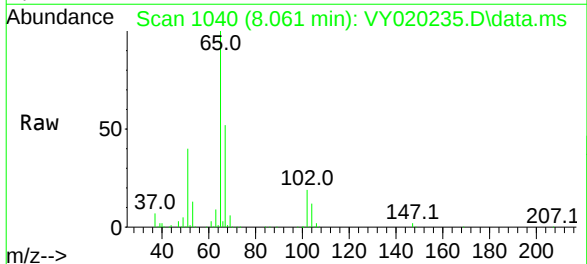
Instrument :
MSVOA_Y
ClientSampleId :
BP-B4-VOC

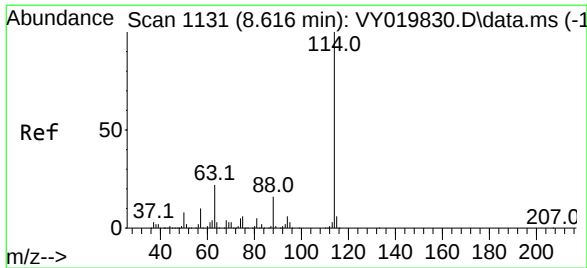
Tgt Ion:168 Resp: 194058
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.881 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020235.D
Acq: 08 Nov 2024 15:59

Tgt Ion: 65 Resp: 140186
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# 11

Delta R.T. 0.000 min

Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-B4-VOC

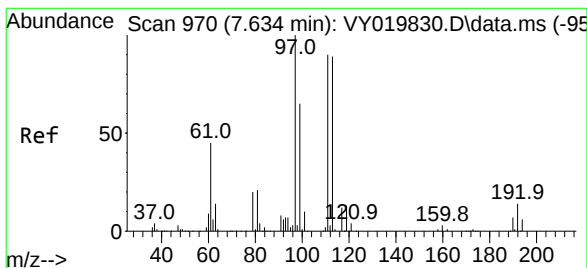
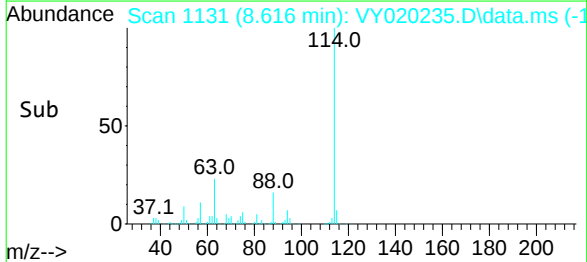
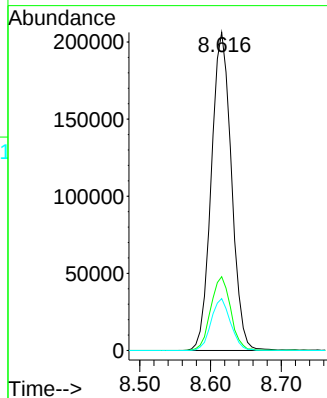
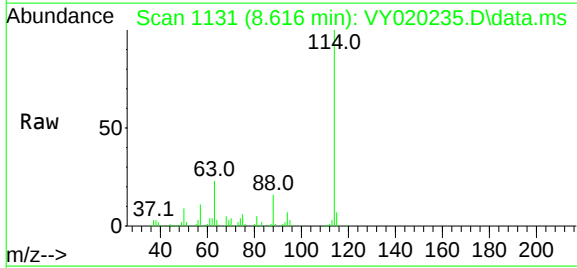
Tgt Ion:114 Resp: 407124

Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.062 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

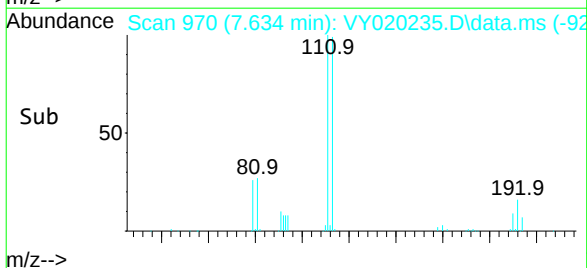
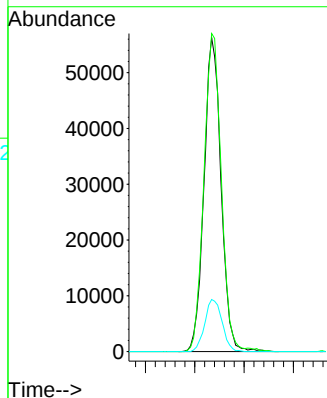
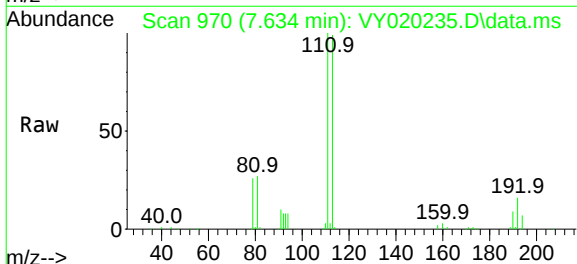
Tgt Ion:113 Resp: 134762

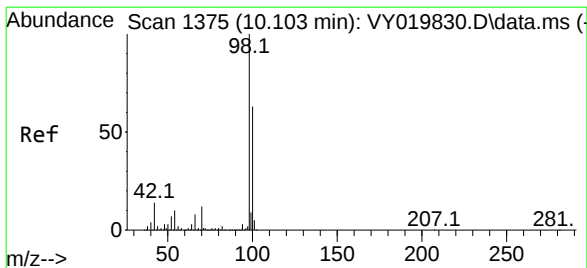
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 16.9 15.9 23.9





#50

Toluene-d8

Concen: 49.795 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

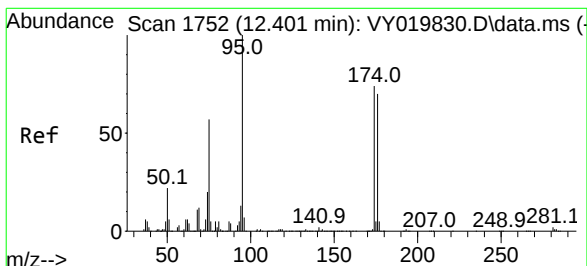
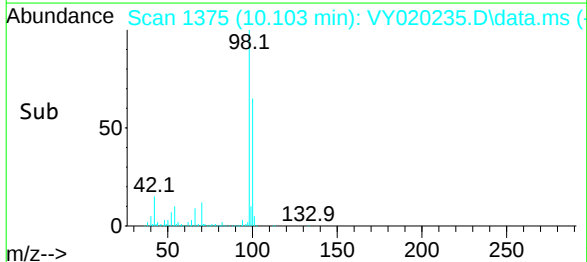
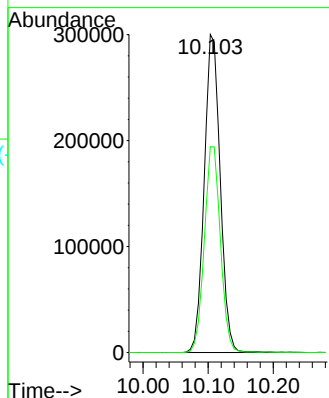
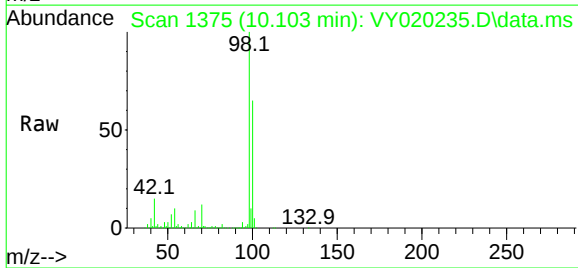
BP-B4-VOC

Tgt Ion: 98 Resp: 513055

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.653 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

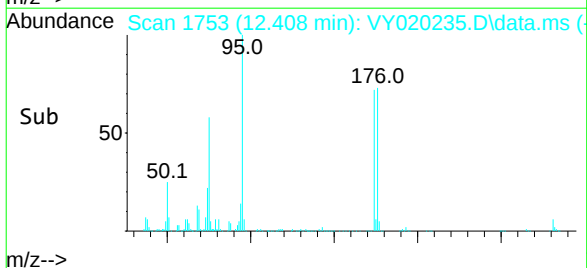
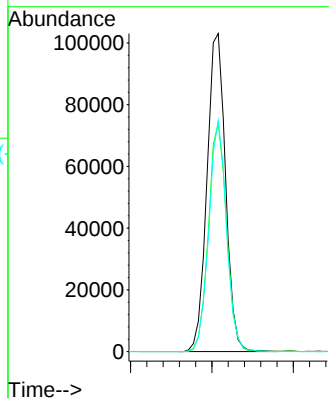
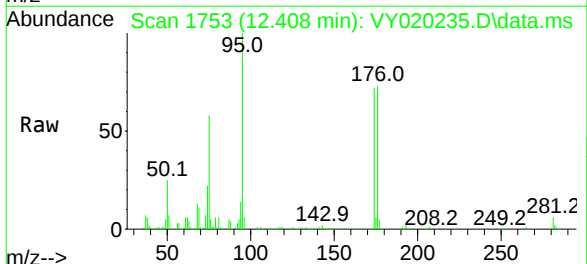
Tgt Ion: 95 Resp: 162825

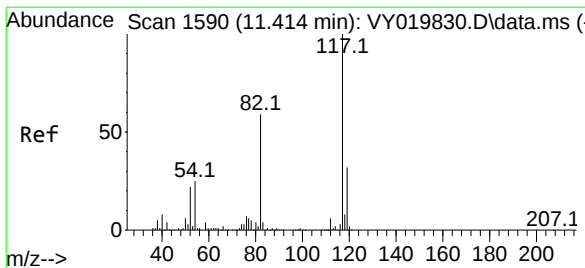
Ion Ratio Lower Upper

95 100

174 70.3 0.0 175.6

176 69.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020235.D

Acq: 08 Nov 2024 15:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-B4-VOC

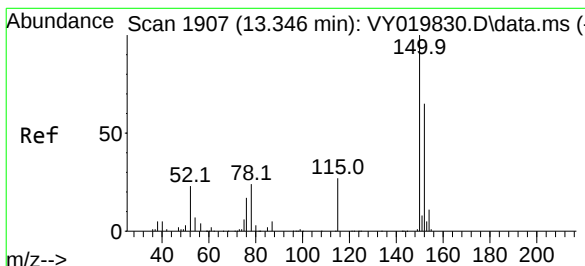
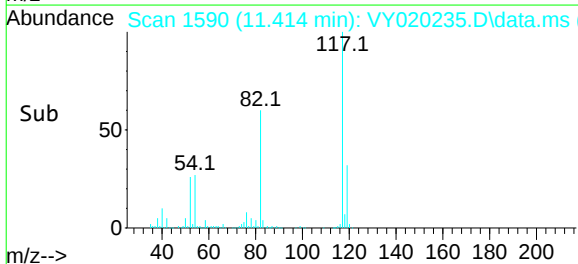
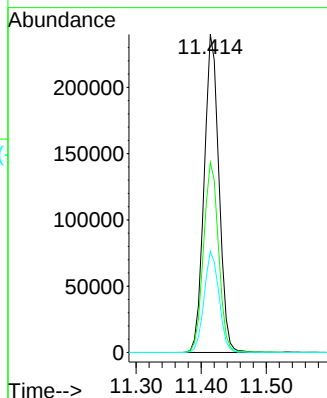
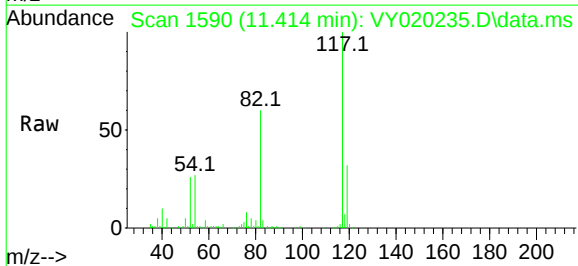
Tgt Ion:117 Resp: 379587

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 31.8 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: VY020235.D

Acq: 08 Nov 2024 15:59

Tgt Ion:152 Resp: 135810

Ion Ratio Lower Upper

152 100

115 63.8 28.2 84.7

150 159.8 0.0 345.6

