

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020058.D
 Acq On : 29 Oct 2024 14:02
 Operator : SY/MD
 Sample : P4598-07
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F11-VOC

Quant Time: Oct 30 01:24:12 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	7.713	168	178689	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	375847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	354665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135953	61.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.580%
35) Dibromofluoromethane	7.640	113	127227	51.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.600%
50) Toluene-d8	10.109	98	469805	51.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.407	95	149081	45.048	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.100%

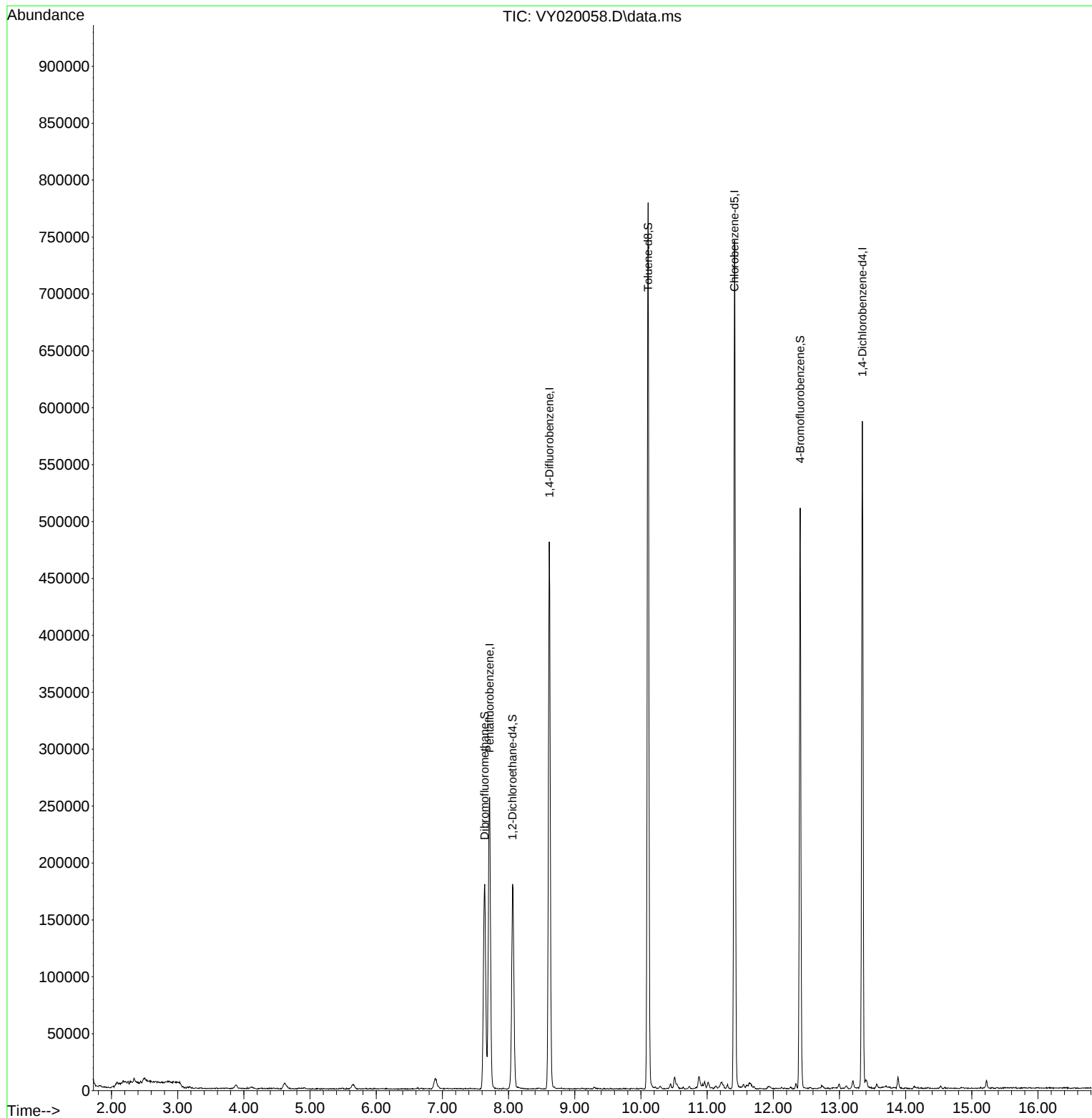
Target Compounds	Qvalue

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

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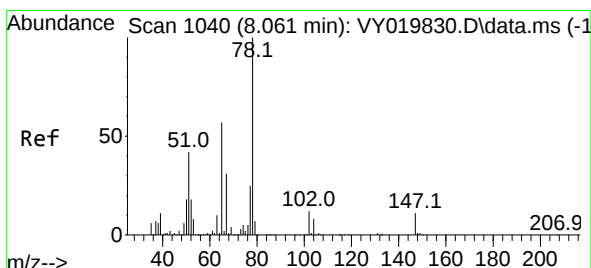
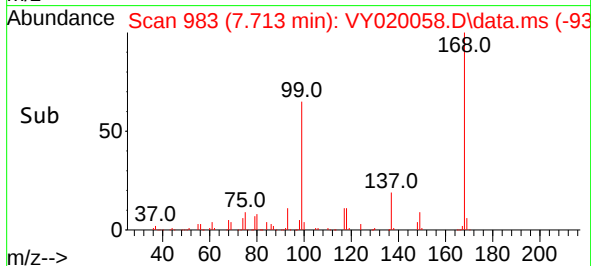
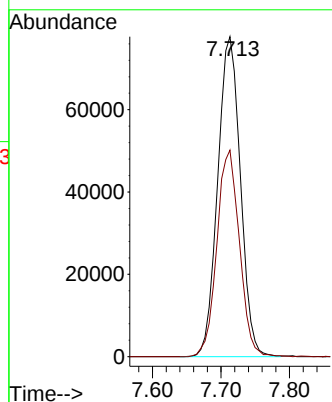
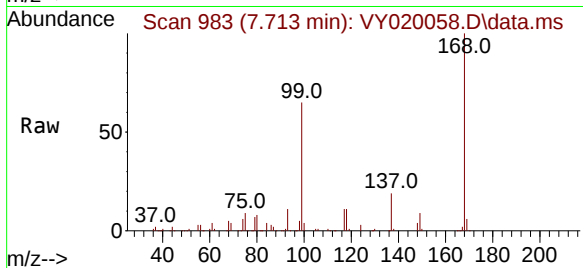




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

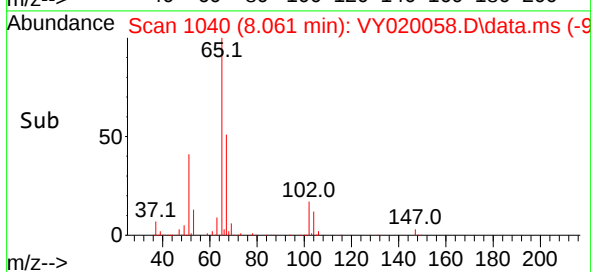
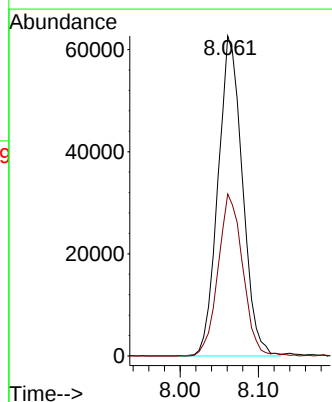
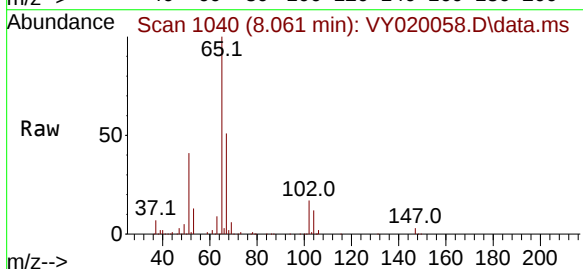
Instrument :
MSVOA_Y
ClientSampleId :
BP-F11-VOC

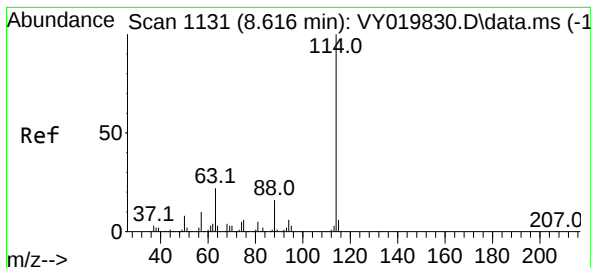
Tgt Ion:168 Resp: 178689
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.792 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Tgt Ion: 65 Resp: 135953
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020058.D

Acq: 29 Oct 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

BP-F11-VOC

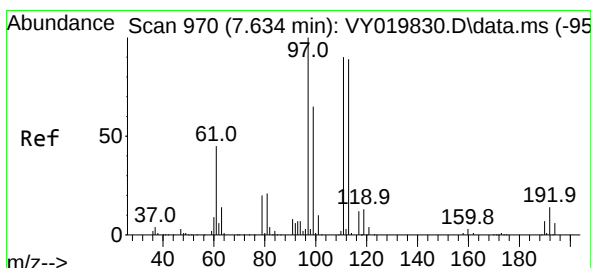
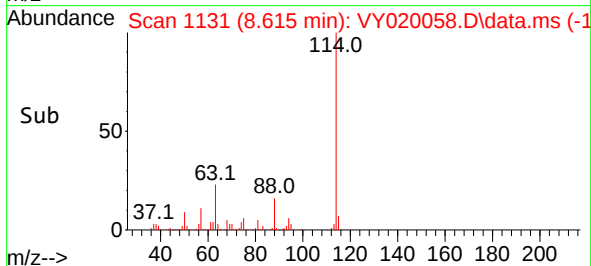
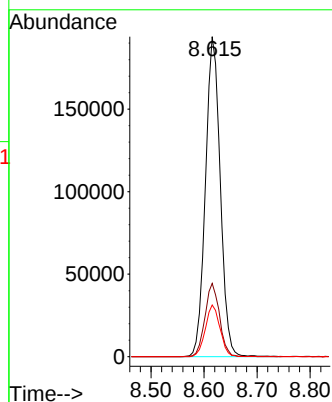
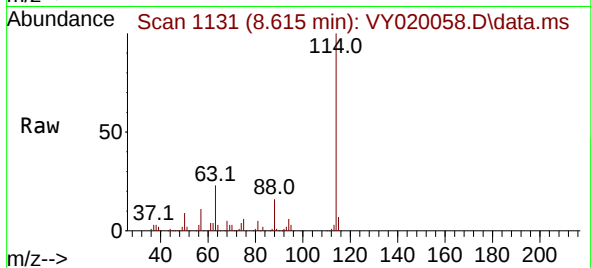
Tgt Ion:114 Resp: 375847

Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.298 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020058.D

Acq: 29 Oct 2024 14:02

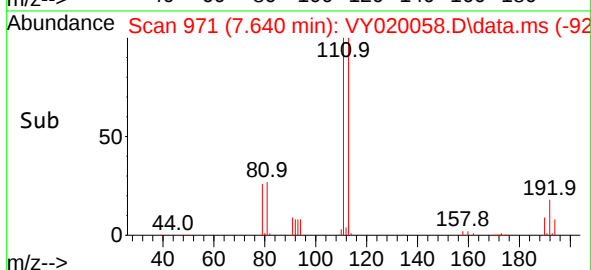
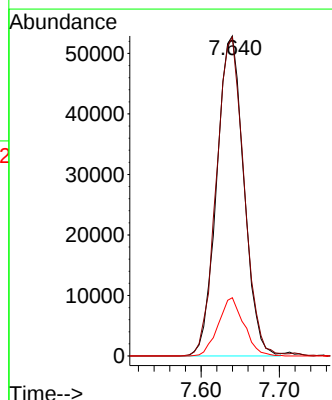
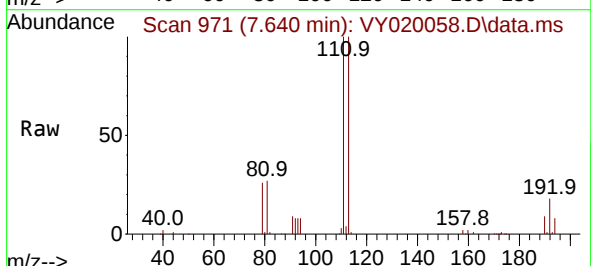
Tgt Ion:113 Resp: 127227

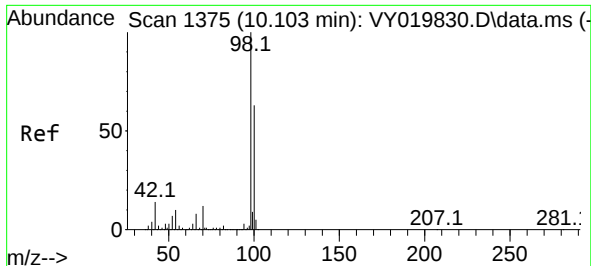
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.3 15.9 23.9

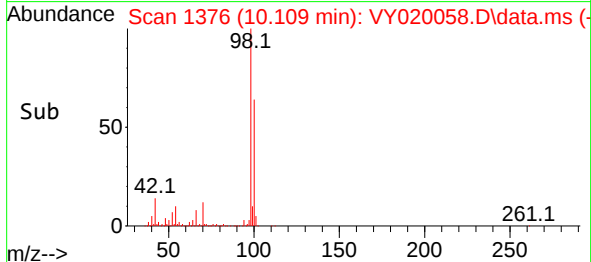
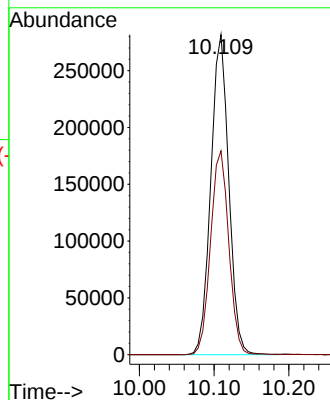
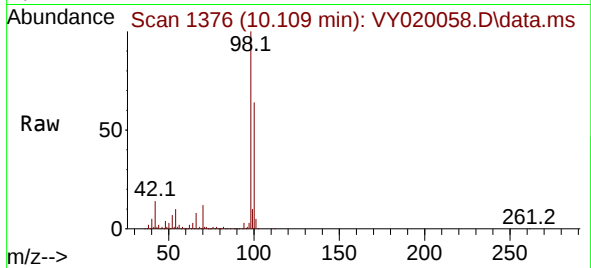




#50
Toluene-d8
Concen: 51.295 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

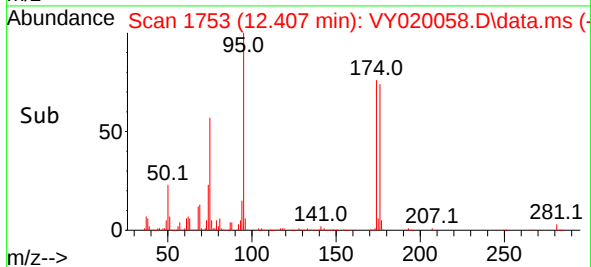
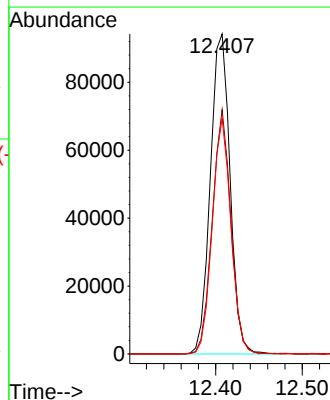
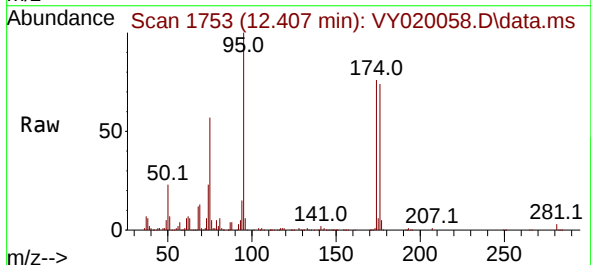
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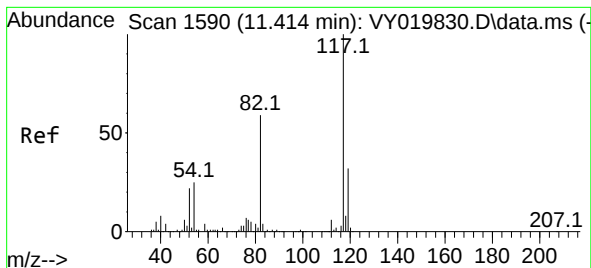
Tgt Ion: 98 Resp: 469805
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.048 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Tgt Ion: 95 Resp: 149081
Ion Ratio Lower Upper
95 100
174 72.3 0.0 175.6
176 69.6 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: VY020058.D

Acq: 29 Oct 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

BP-F11-VOC

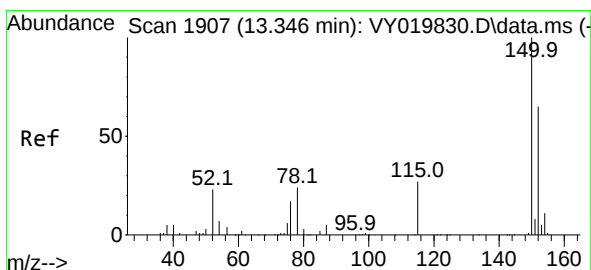
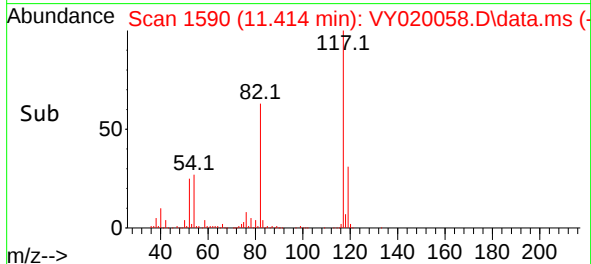
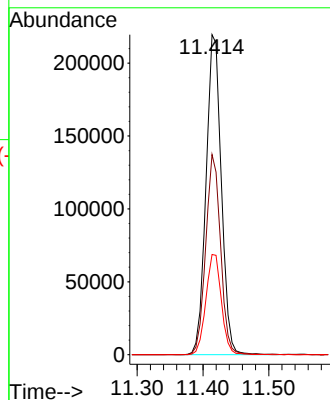
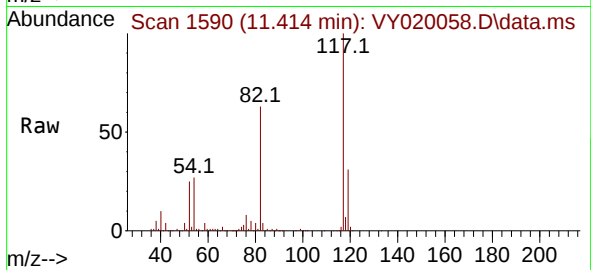
Tgt Ion:117 Resp: 354665

Ion Ratio Lower Upper

117 100

82 62.6 42.4 63.6

119 31.3 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: VY020058.D

Acq: 29 Oct 2024 14:02

Tgt Ion:152 Resp: 130104

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 155.1 0.0 345.6

