

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020070.D
 Acq On : 29 Oct 2024 18:43
 Operator : SY/MD
 Sample : P4594-15
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Oct 30 01:29:13 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	16184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	27779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	19681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	4286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	9105	45.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.380%
35) Dibromofluoromethane	7.640	113	9009	49.146	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.109	98	31517	46.558	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.408	95	6168	25.217	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	50.440%

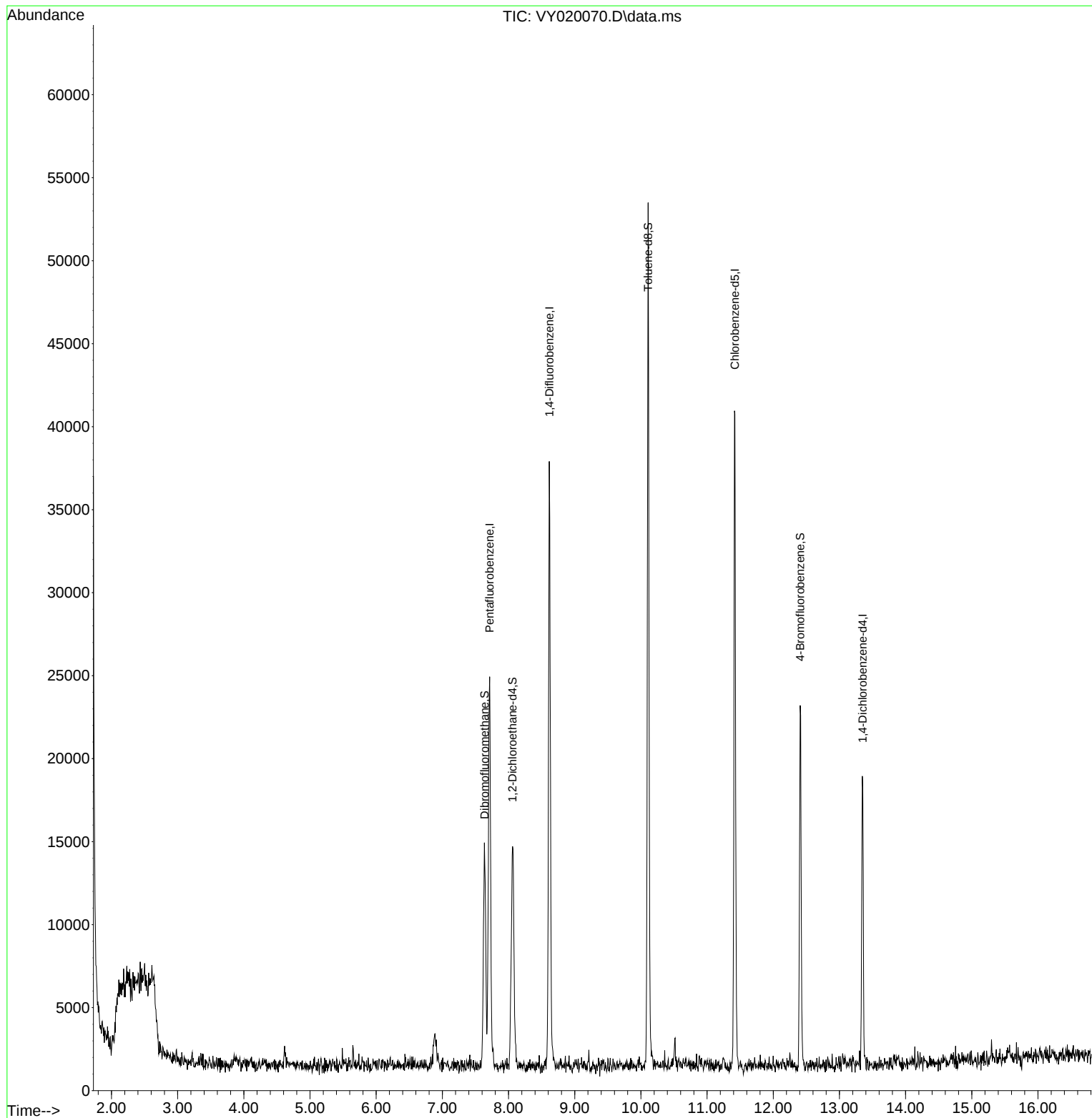
Target Compounds	Qvalue

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

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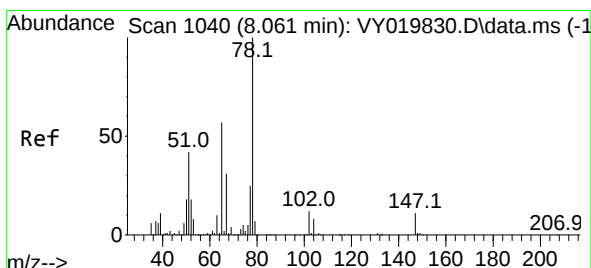
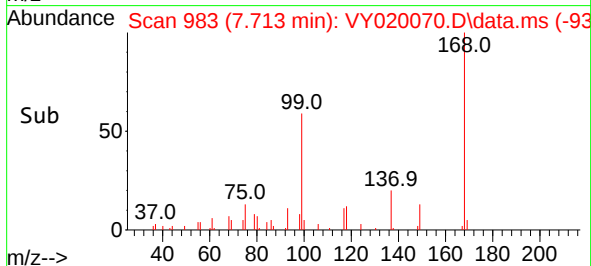
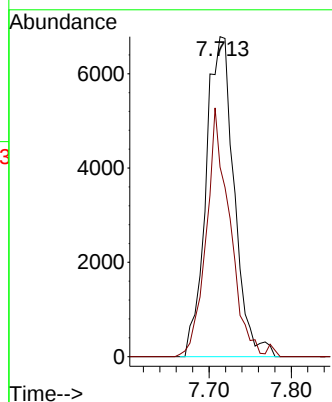
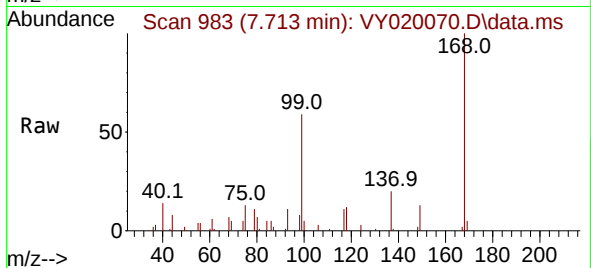




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

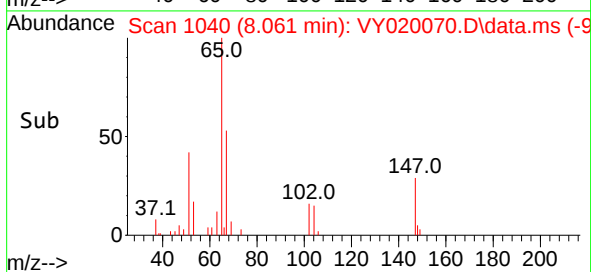
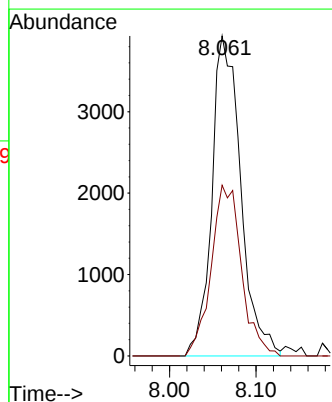
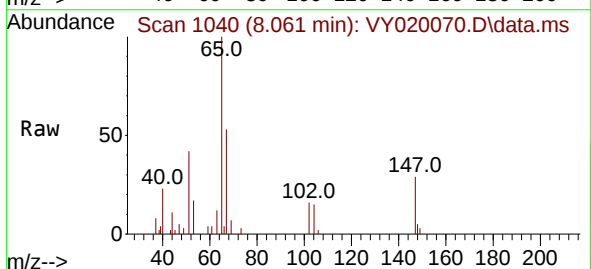
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

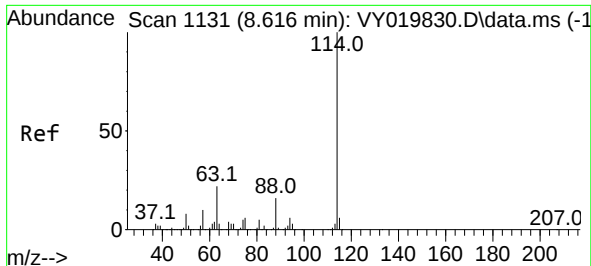
Tgt Ion:168 Resp: 16184
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 45.691 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 65 Resp: 9105
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6

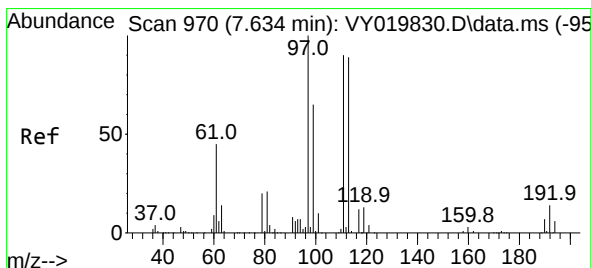
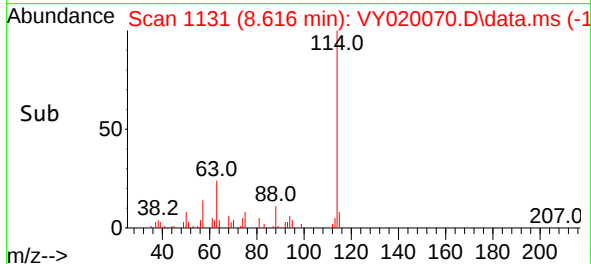
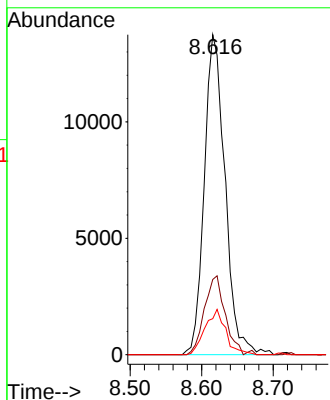
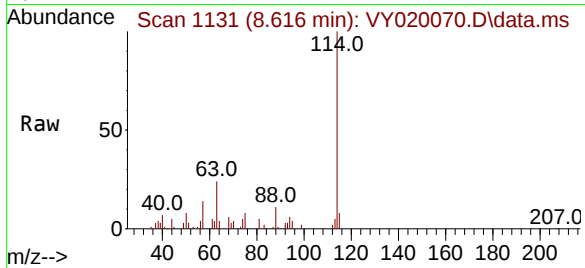




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

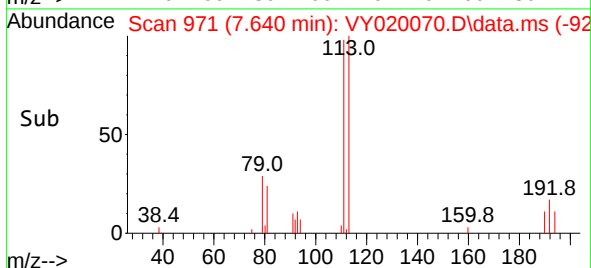
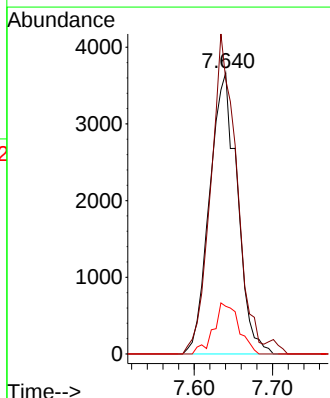
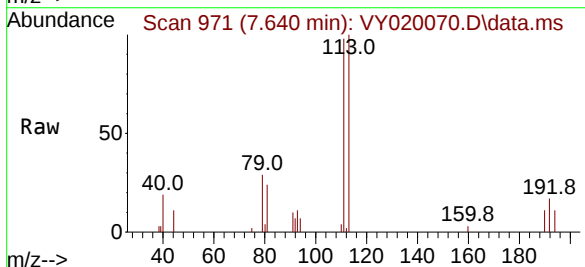
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

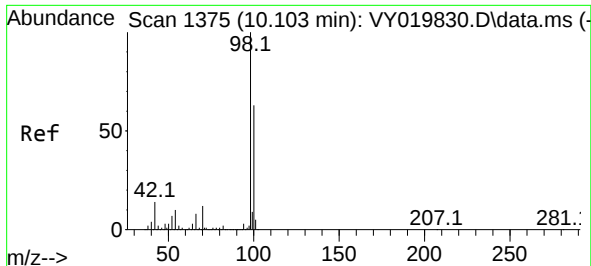
Tgt Ion:114 Resp: 27779
Ion Ratio Lower Upper
114 100
63 23.5 0.0 35.0
88 11.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.146 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion:113 Resp: 9009
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.4
192 16.5 15.9 23.9

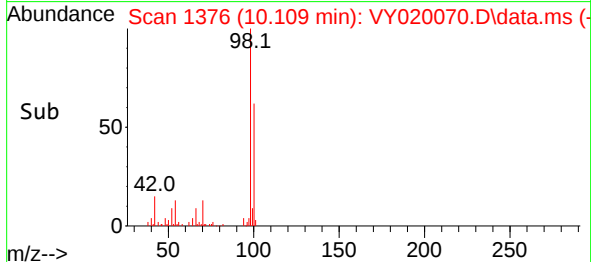
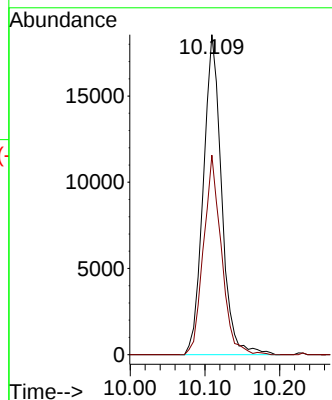
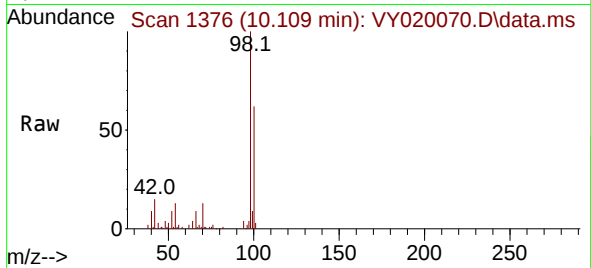




#50
Toluene-d8
Concen: 46.558 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

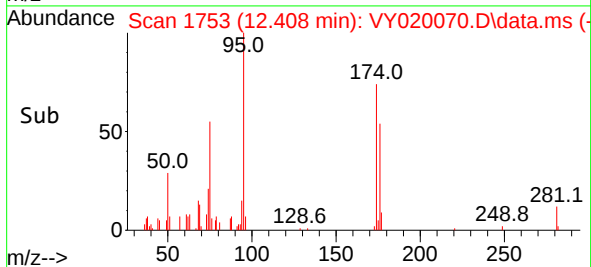
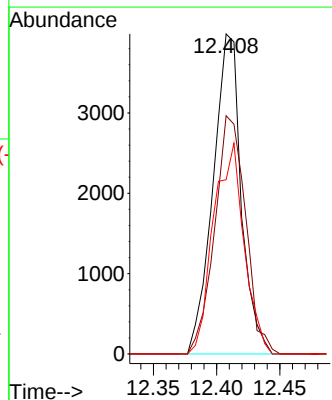
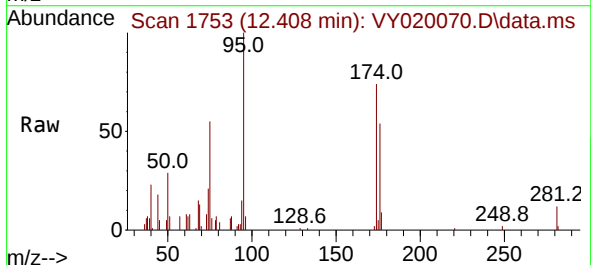
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

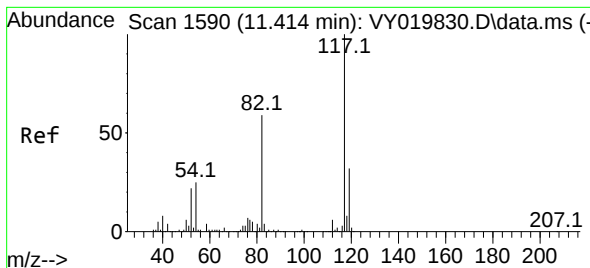
Tgt Ion: 98 Resp: 31517
Ion Ratio Lower Upper
98 100
100 61.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.217 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020070.D
Acq: 29 Oct 2024 18:43

Tgt Ion: 95 Resp: 6168
Ion Ratio Lower Upper
95 100
174 81.5 0.0 175.6
176 71.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020070.D

Acq: 29 Oct 2024 18:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

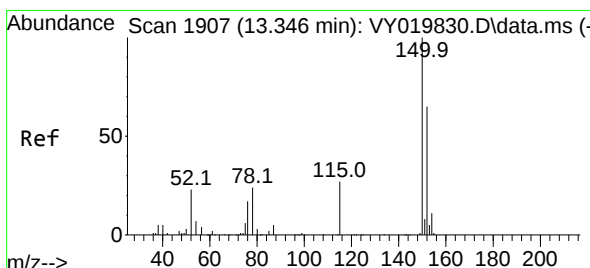
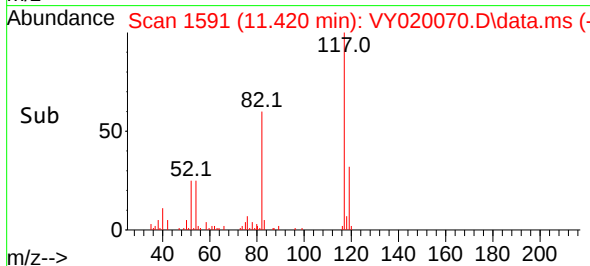
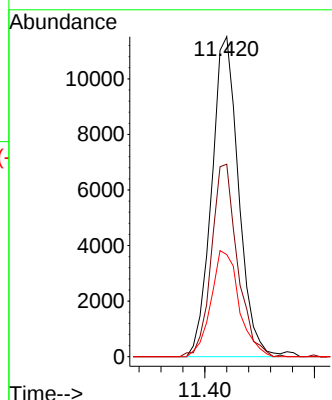
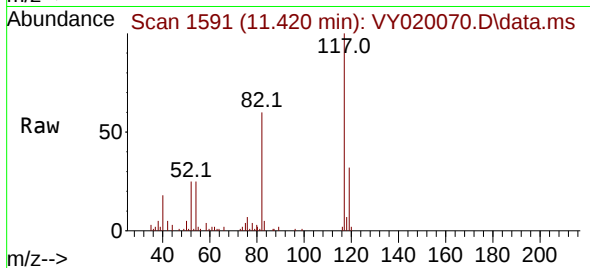
Tgt Ion:117 Resp: 19681

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020070.D

Acq: 29 Oct 2024 18:43

Tgt Ion:152 Resp: 4286

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 151.7 0.0 345.6

