

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020419.D
 Acq On : 22 Nov 2024 17:33
 Operator : SY/MD
 Sample : P4960-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW4

Quant Time: Nov 23 00:04:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	95	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	86	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	21	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	169	154.841	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 309.680%#	
35) Dibromofluoromethane	7.634	113	113	54.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.121	98	280	34.319	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 68.640%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	

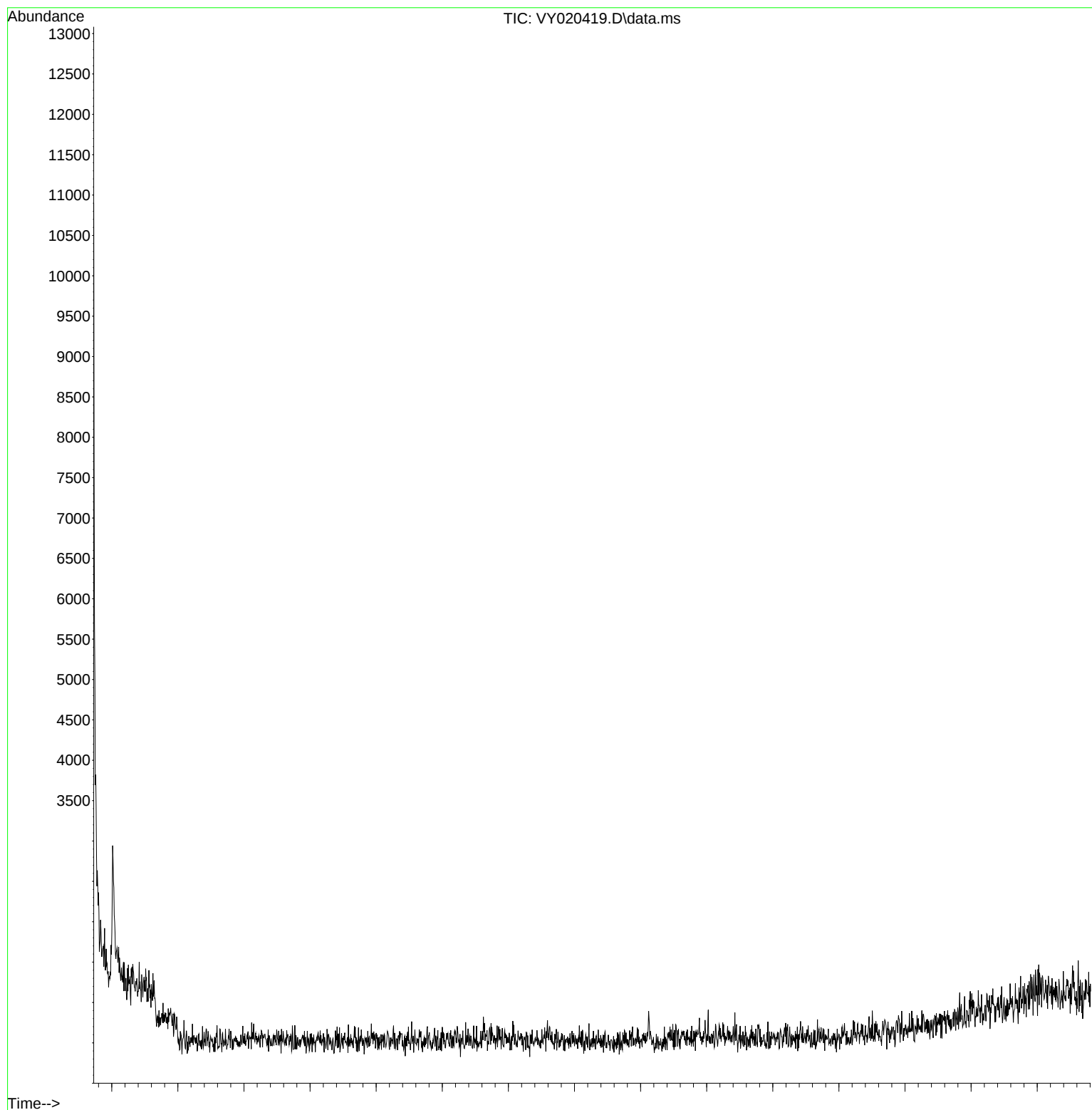
Target Compounds Qvalue

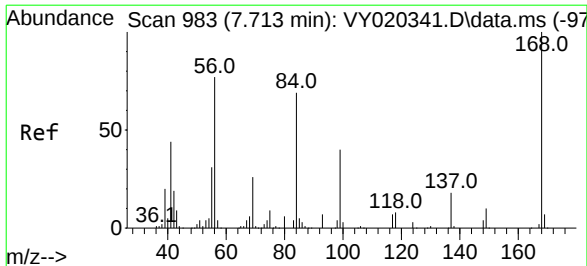
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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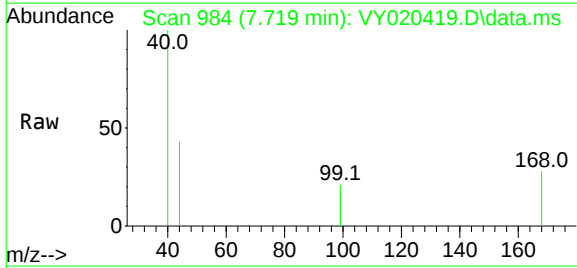
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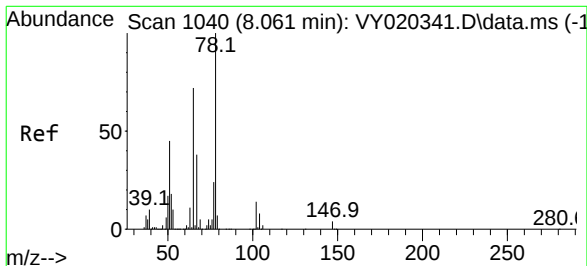
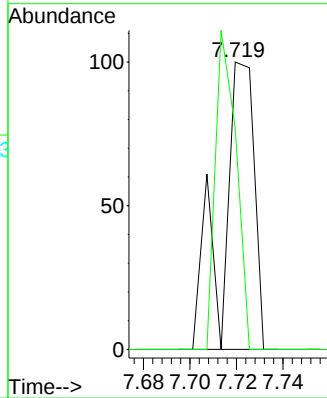
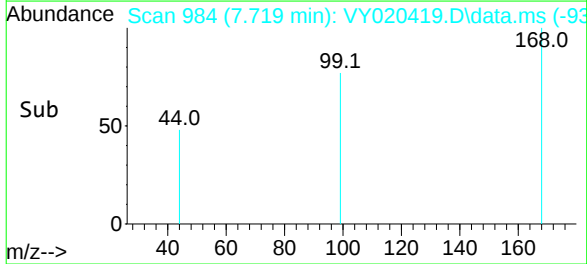


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.719 min Scan# 98
 Delta R.T. 0.006 min
 Lab File: VY020419.D
 Acq: 22 Nov 2024 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW4

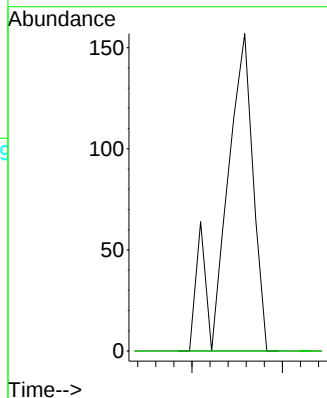
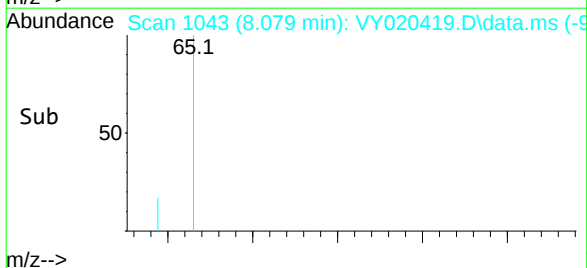
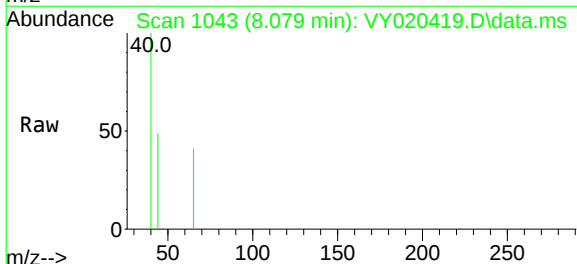


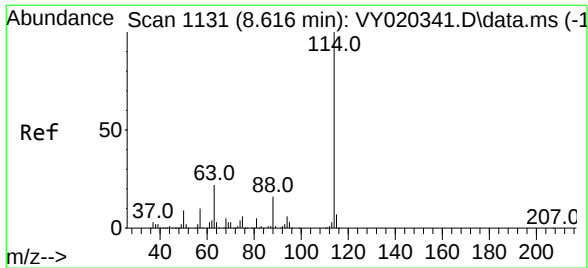
Tgt Ion: 168 Resp: 95
 Ion Ratio Lower Upper
 168 100
 99 77.0 46.6 69.8#



1,2-Dichloroethane-d4
 Concen: 154.841 ug/l
 RT: 8.079 min Scan# 1043
 Delta R.T. 0.018 min
 Lab File: VY020419.D
 Acq: 22 Nov 2024 17:33

Tgt Ion: 65 Resp: 169
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 105.8

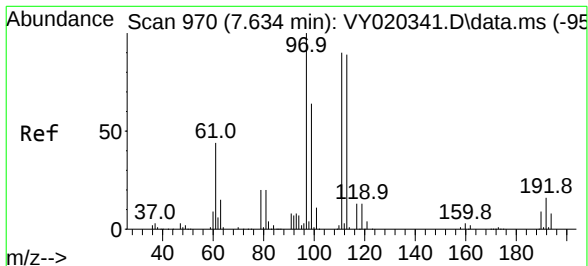
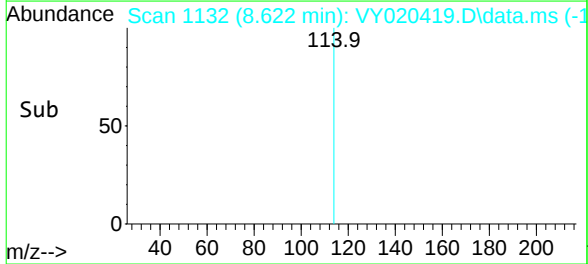
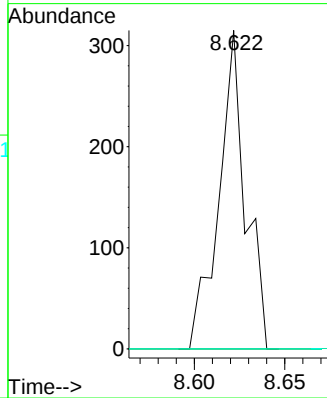
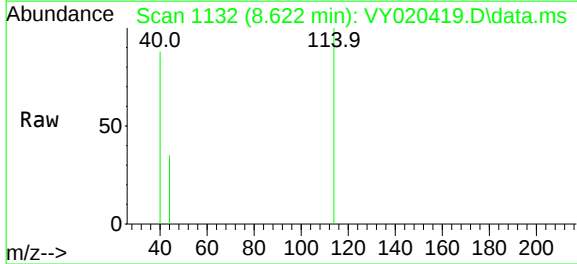




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020419.D
Acq: 22 Nov 2024 17:33

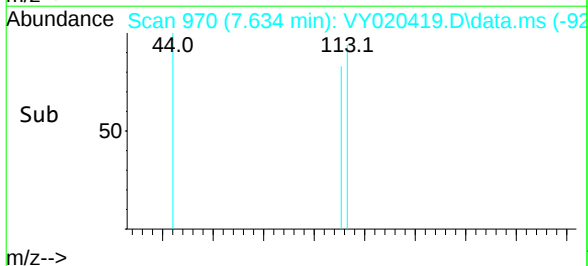
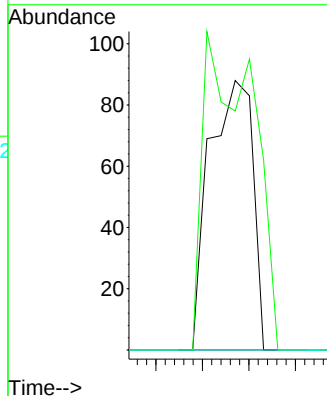
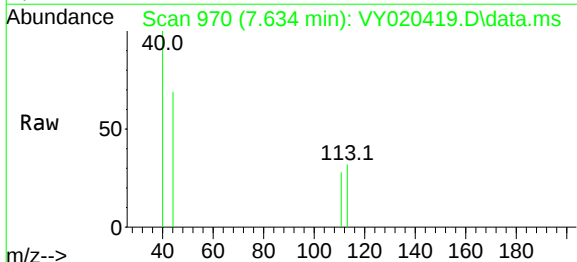
Instrument :
MSVOA_Y
ClientSampleId :
SW4

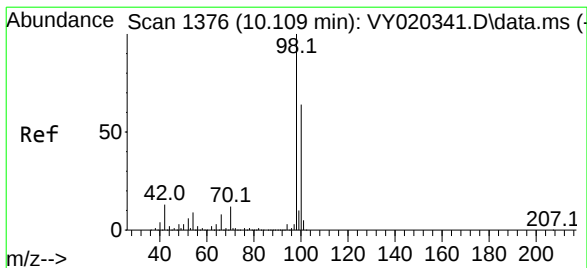
Tgt Ion:	114	Resp:	323
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	44.8
88	0.0	0.0	32.0



#35
Dibromofluoromethane
Concen: 54.559 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020419.D
Acq: 22 Nov 2024 17:33

Tgt Ion:	113	Resp:	113
Ion	Ratio	Lower	Upper
113	100		
111	136.3	81.4	122.0#
192	0.0	15.1	22.7#





#50

Toluene-d8

Concen: 34.319 ug/l

RT: 10.121 min Scan# 13

Delta R.T. 0.012 min

Lab File: VY020419.D

Acq: 22 Nov 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

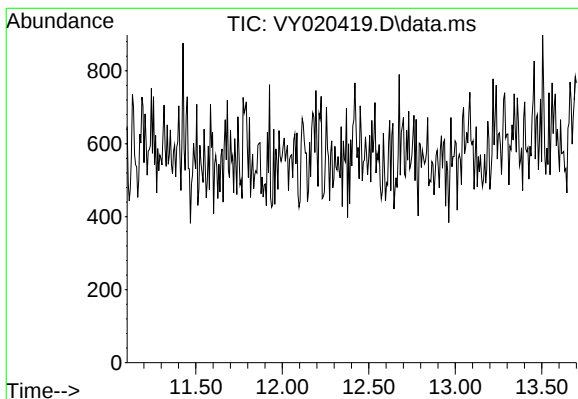
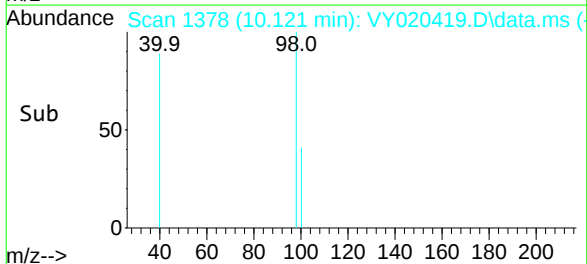
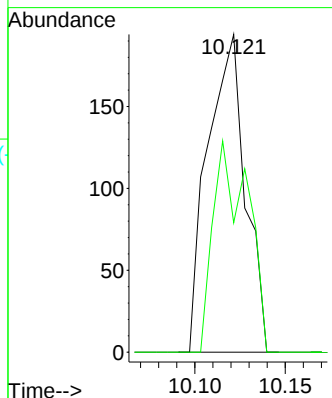
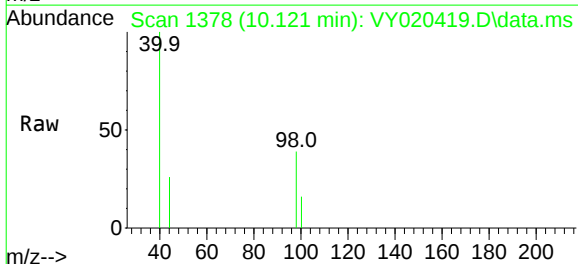
SW4

Tgt Ion: 98 Resp: 280

Ion Ratio Lower Upper

98 100

100 61.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VY020419.D

Acq: 22 Nov 2024 17:33

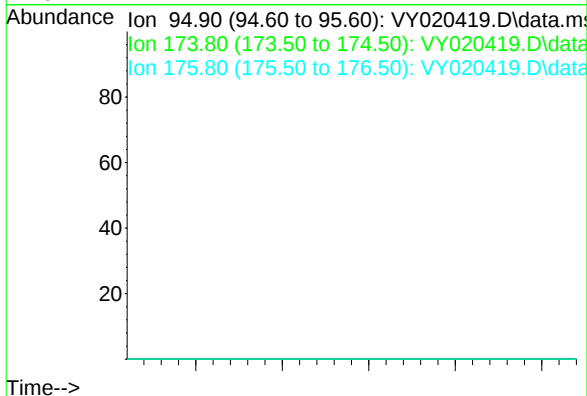
Tgt Ion: 95

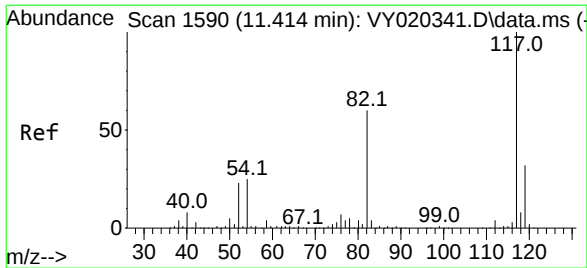
Sig Exp Ratio

95 100

174 78.4

176 76.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020419.D

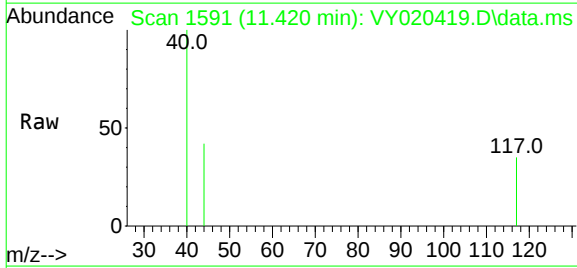
Acq: 22 Nov 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

SW4



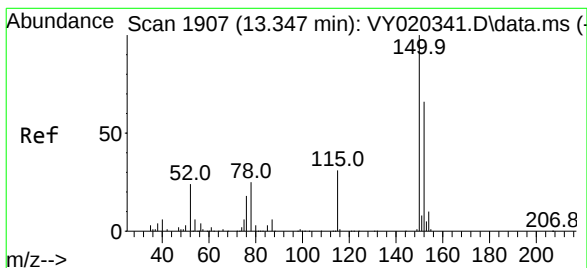
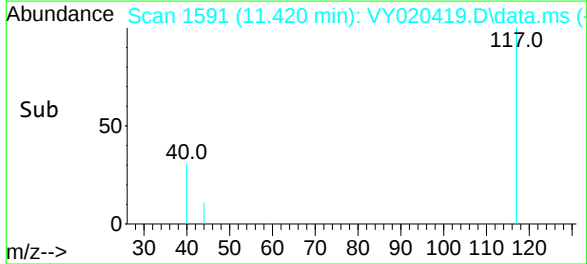
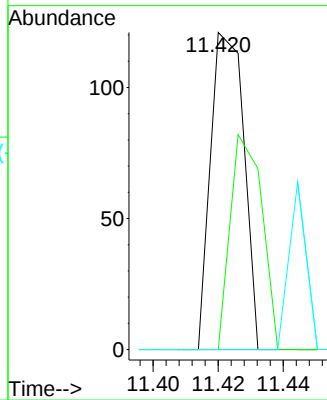
Tgt Ion:117 Resp: 86

Ion Ratio Lower Upper

117 100

82 0.0 48.2 72.4#

119 0.0 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.018 min

Lab File: VY020419.D

Acq: 22 Nov 2024 17:33

Tgt Ion:152 Resp: 21

Ion Ratio Lower Upper

152 100

115 0.0 30.0 90.0#

150 266.7 0.0 348.2

