

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020185.D
 Acq On : 06 Nov 2024 16:40
 Operator : SY/MD
 Sample : P4700-03
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8-VOC

Quant Time: Nov 07 00:28:35 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	145746	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	313503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110590	60.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.600%	
35) Dibromofluoromethane	7.634	113	103857	52.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.103	98	394528	49.726	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.402	95	119427	46.342	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.680%	

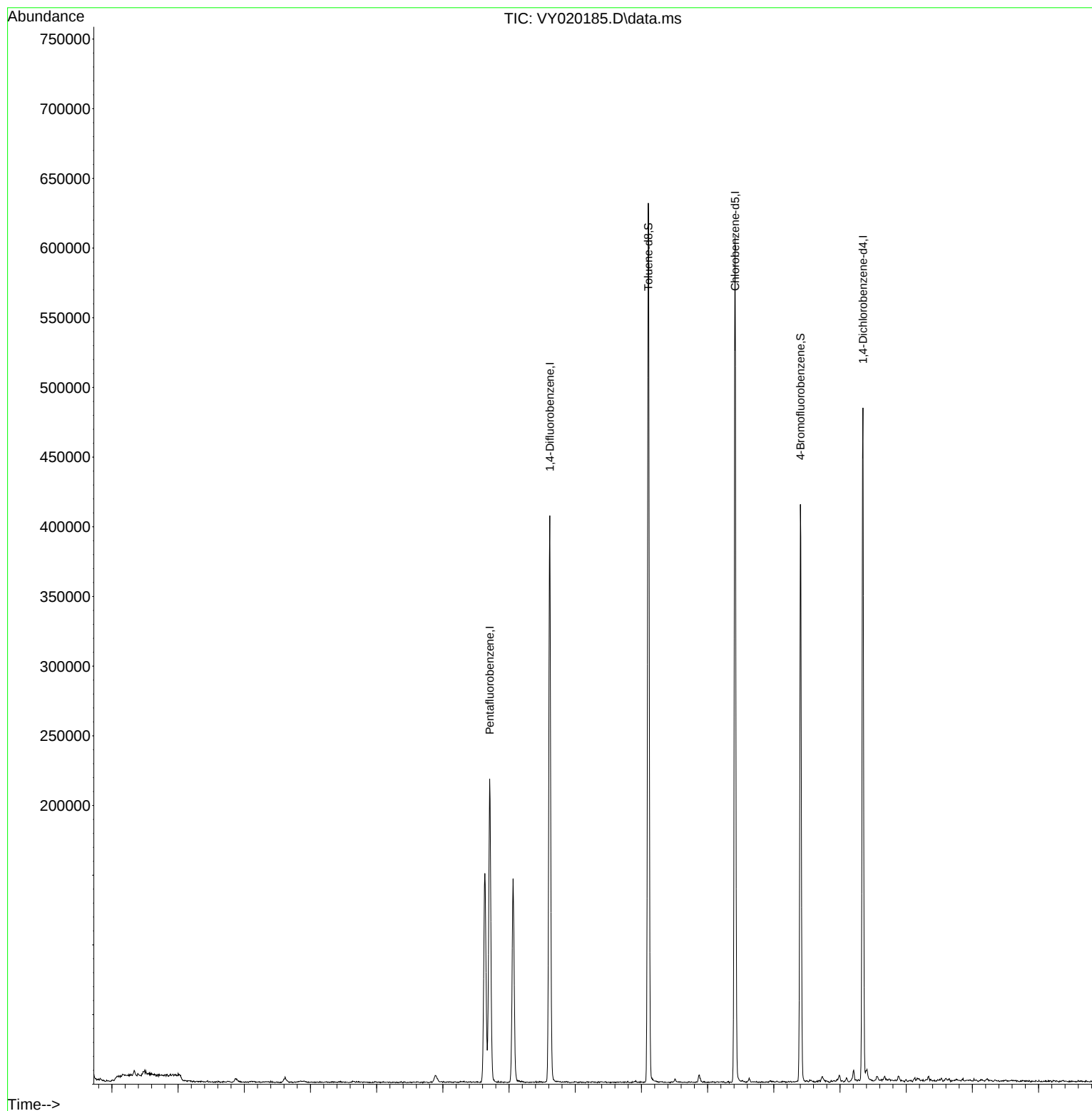
Target Compounds Qvalue

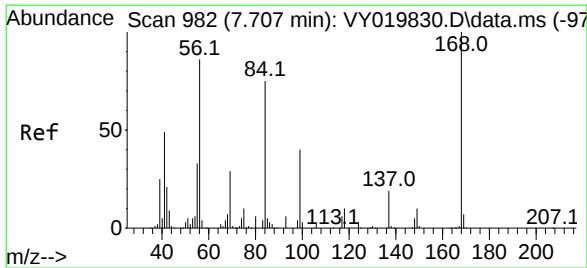
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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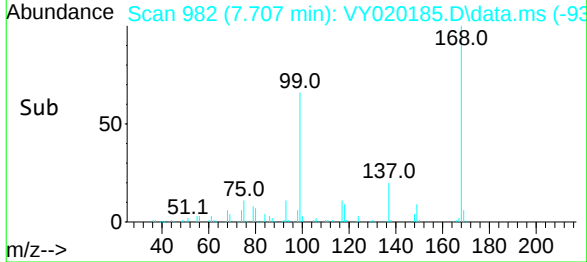
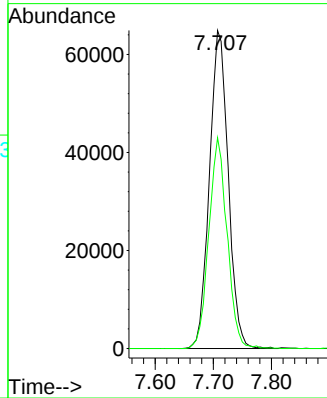
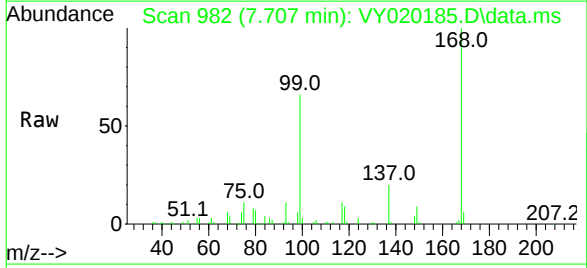




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

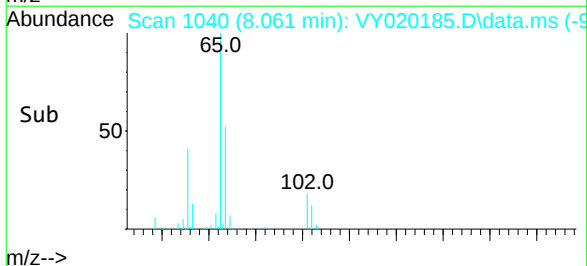
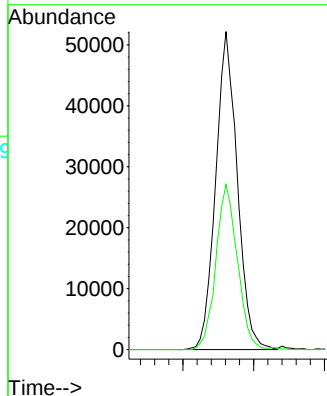
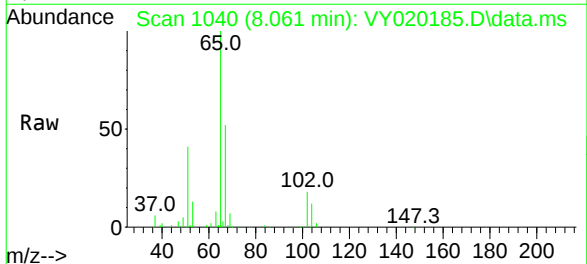
Instrument :
MSVOA_Y
ClientSampleId :
MH-8-VOC

Tgt Ion:168 Resp: 145746
Ion Ratio Lower Upper
168 100
99 66.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.797 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Tgt Ion: 65 Resp: 110590
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

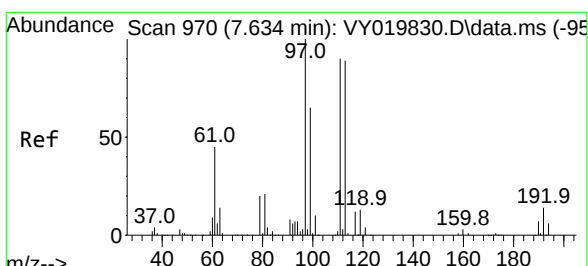
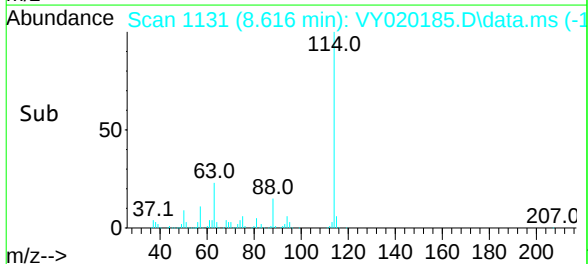
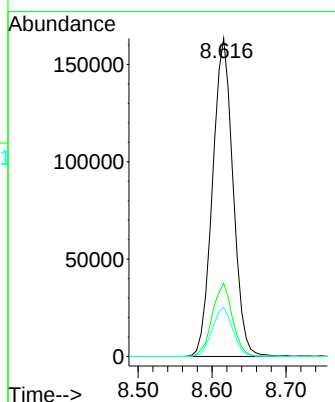
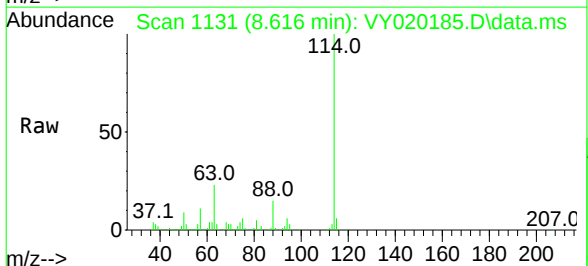




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020185.D
 Acq: 06 Nov 2024 16:40

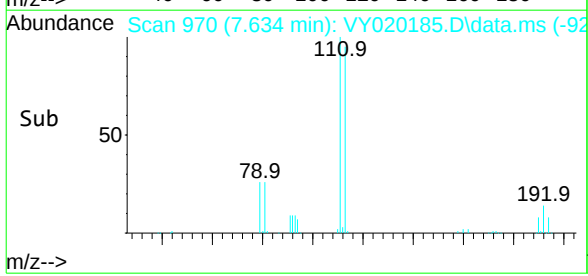
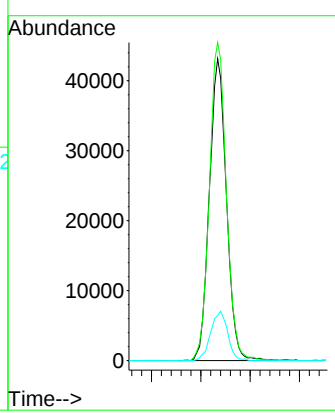
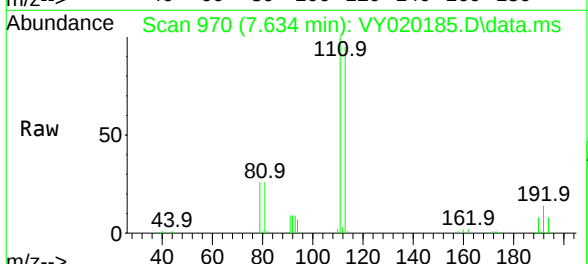
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8-VOC

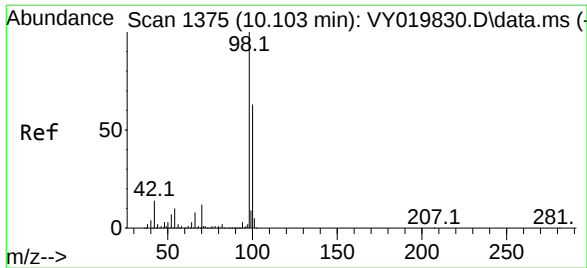
Tgt Ion:	114	Resp:	313503
Ion Ratio	Lower	Upper	
114	100		
63	23.1	0.0	35.0
88	15.5	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.105 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020185.D
 Acq: 06 Nov 2024 16:40

Tgt Ion:	113	Resp:	103857
Ion Ratio	Lower	Upper	
113	100		
111	105.0	82.2	123.4
192	16.2	15.9	23.9





#50

Toluene-d8

Concen: 49.726 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020185.D

Acq: 06 Nov 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

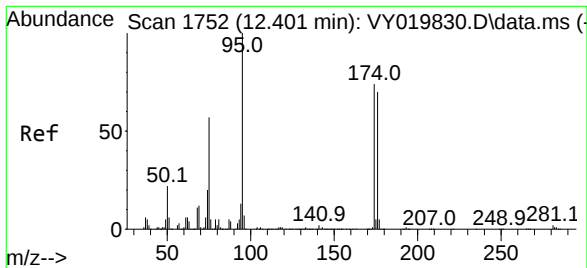
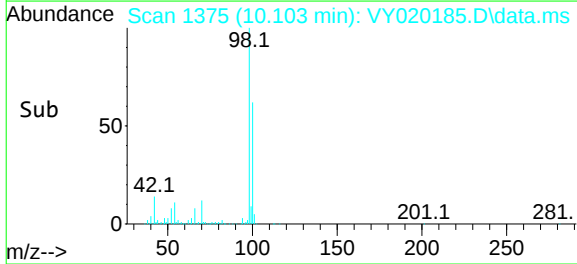
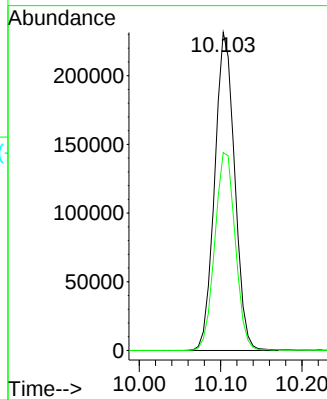
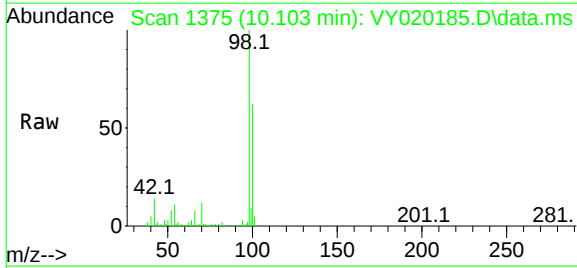
MH-8-VOC

Tgt Ion: 98 Resp: 394528

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.342 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020185.D

Acq: 06 Nov 2024 16:40

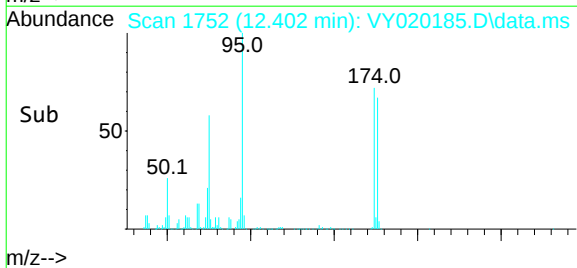
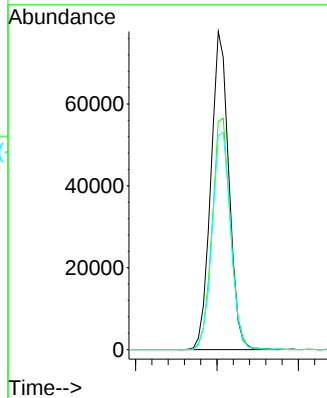
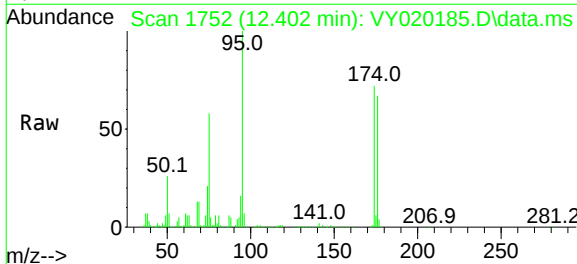
Tgt Ion: 95 Resp: 119427

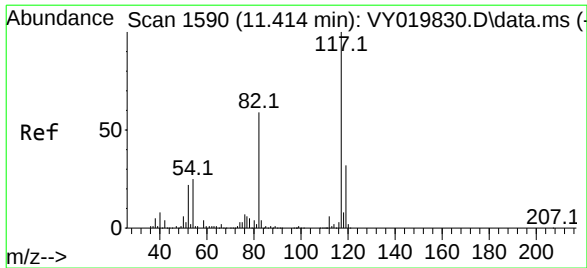
Ion Ratio Lower Upper

95 100

174 74.2 0.0 175.6

176 70.9 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: VY020185.D

Acq: 06 Nov 2024 16:40

Instrument :

MSVOA_Y

ClientSampleId :

MH-8-VOC

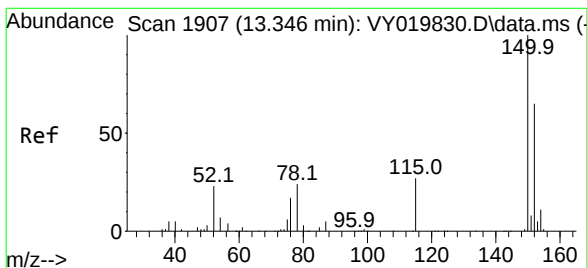
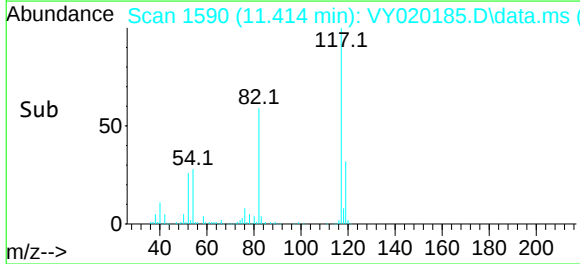
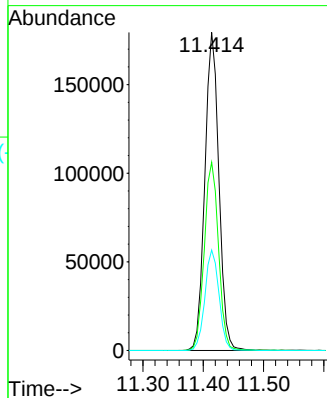
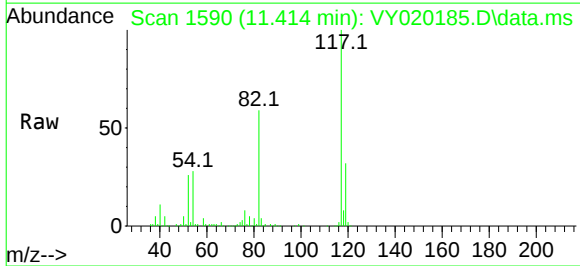
Tgt Ion:117 Resp: 290435

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 31.6 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: VY020185.D

Acq: 06 Nov 2024 16:40

Tgt Ion:152 Resp: 106696

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 157.7 0.0 345.6

