

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020258.D
 Acq On : 11 Nov 2024 19:06
 Operator : SY/MD
 Sample : P4796-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Nov 12 03:15:43 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	7.713	168	150066	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	313060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	297701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	103317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109092	58.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.500%	
35) Dibromofluoromethane	7.640	113	105179	52.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.680%	
50) Toluene-d8	10.109	98	392634	49.557	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.120%	
62) 4-Bromofluorobenzene	12.408	95	121553	47.234	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.460%	

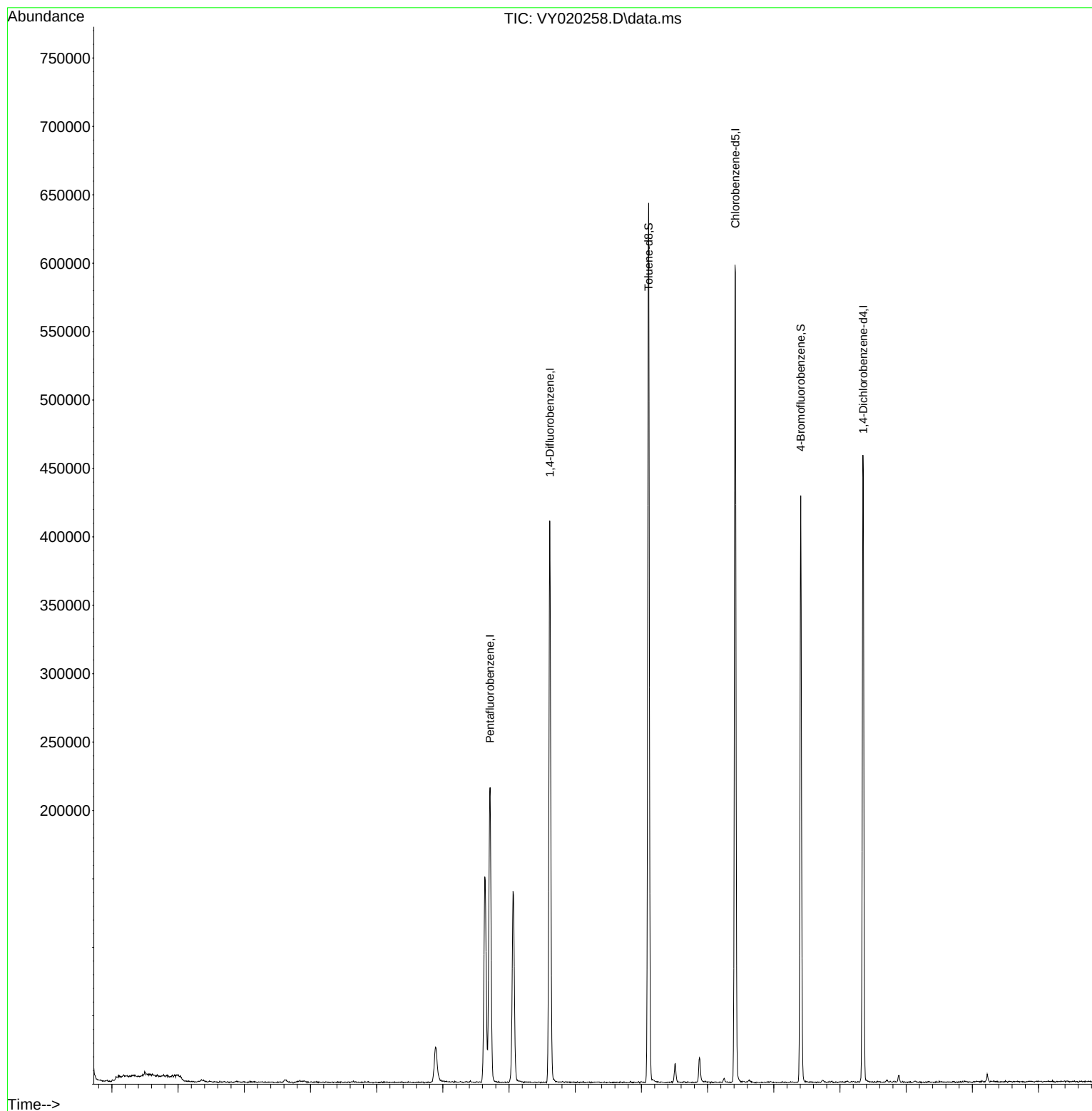
Target Compounds Qvalue

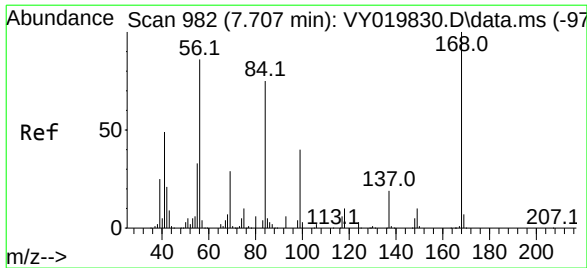
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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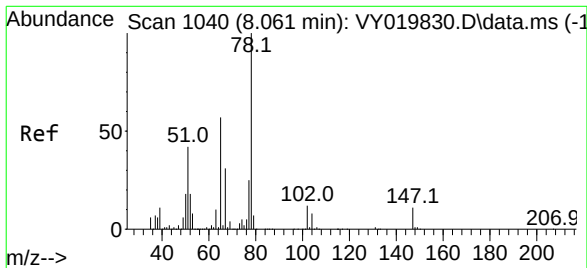
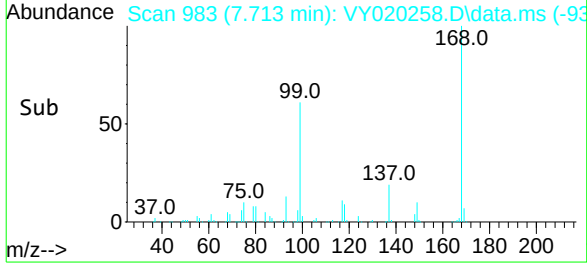
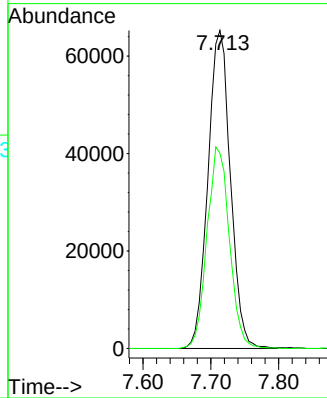
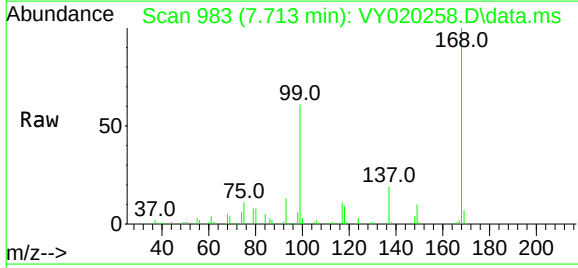




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020258.D
Acq: 11 Nov 2024 19:06

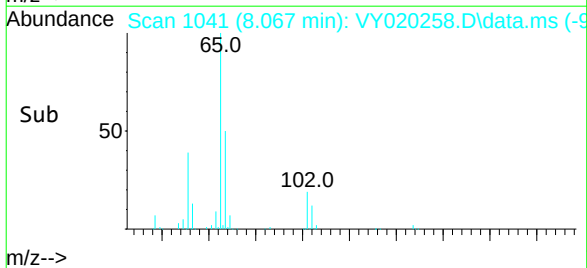
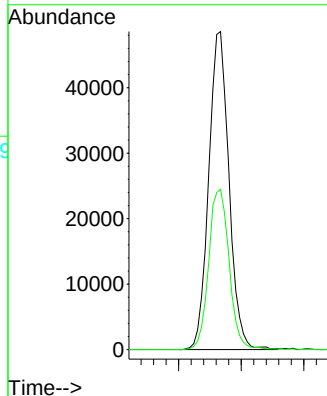
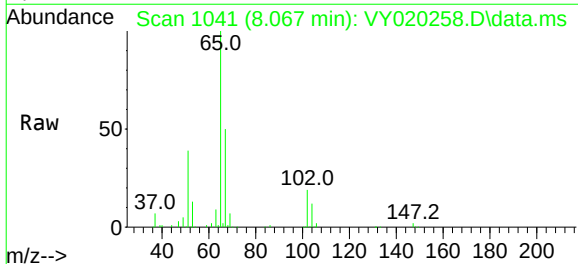
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

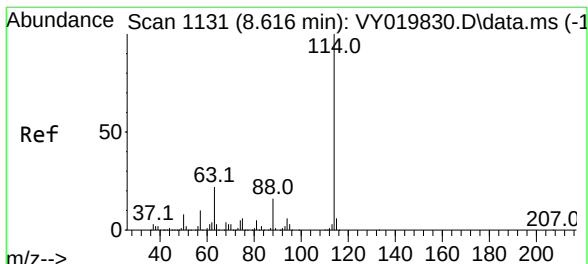
Tgt Ion:168 Resp: 150066
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.247 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020258.D
Acq: 11 Nov 2024 19:06

Tgt Ion: 65 Resp: 109092
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6

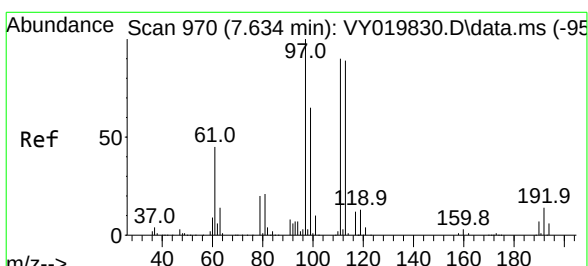
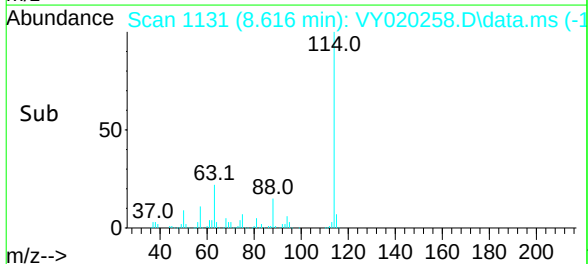
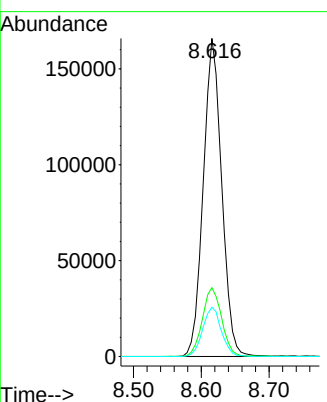
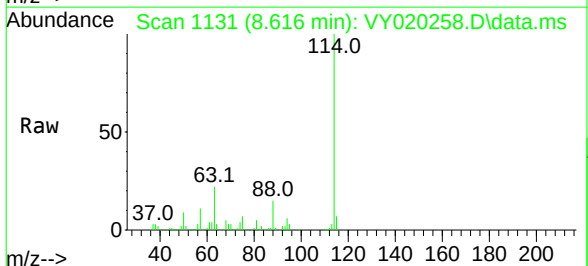




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VY020258.D
 Acq: 11 Nov 2024 19:06

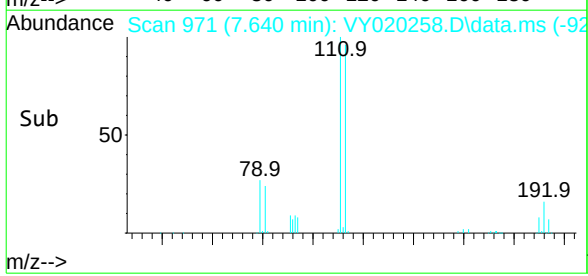
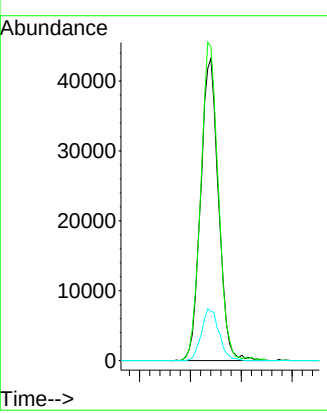
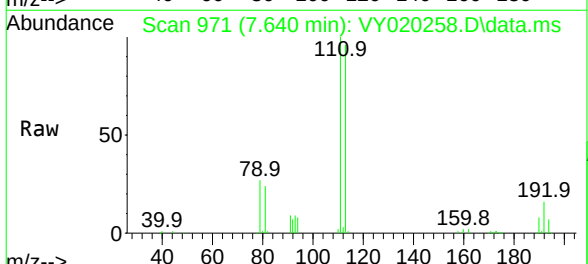
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

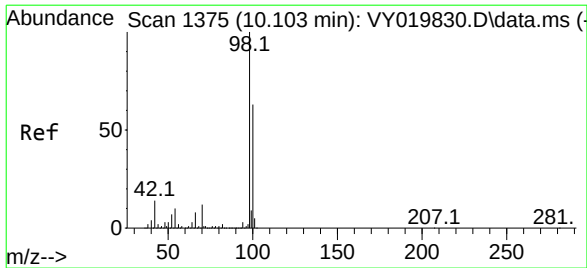
Tgt Ion:	114	Resp:	313060
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	35.0
88	15.5	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.843 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020258.D
 Acq: 11 Nov 2024 19:06

Tgt Ion:	113	Resp:	105179
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	16.9	15.9	23.9





#50

Toluene-d8

Concen: 49.557 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020258.D

Acq: 11 Nov 2024 19:06

Instrument :

MSVOA_Y

ClientSampleId :

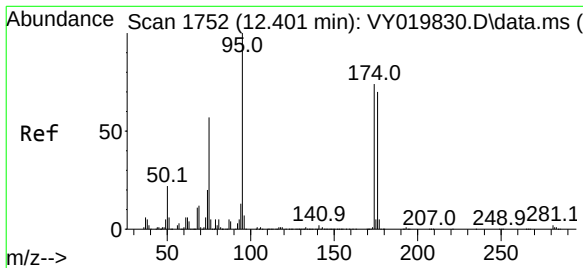
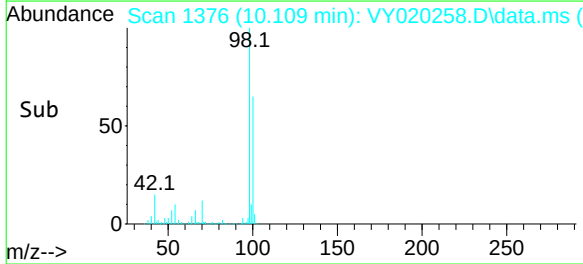
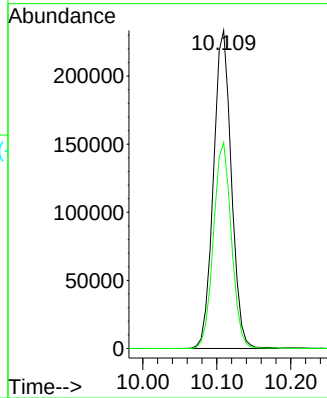
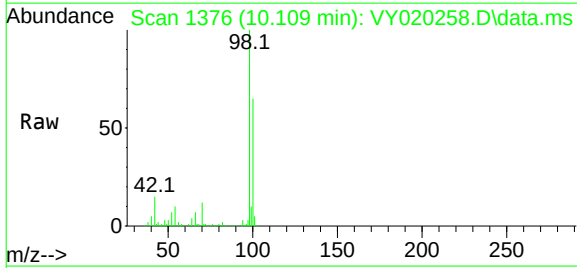
TP-2

Tgt Ion: 98 Resp: 392634

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.234 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020258.D

Acq: 11 Nov 2024 19:06

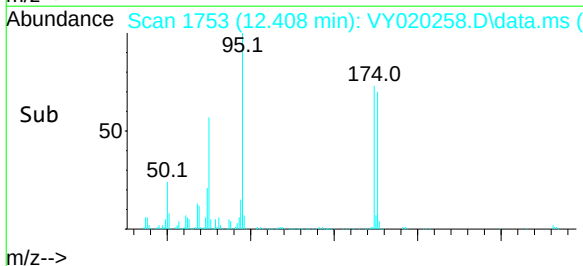
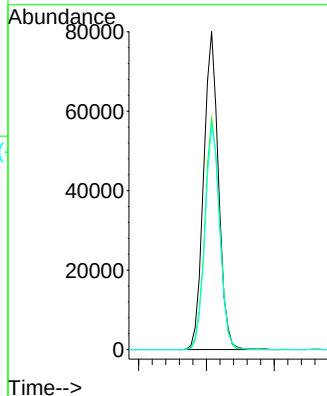
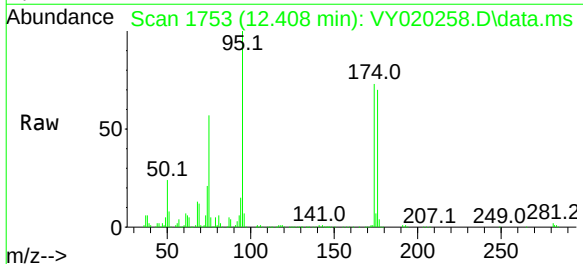
Tgt Ion: 95 Resp: 121553

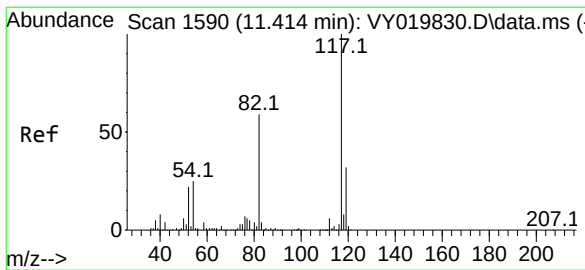
Ion Ratio Lower Upper

95 100

174 72.7 0.0 175.6

176 70.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020258.D

Acq: 11 Nov 2024 19:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

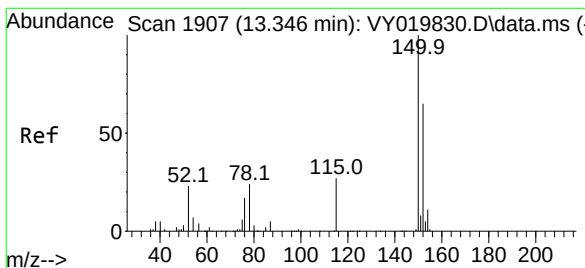
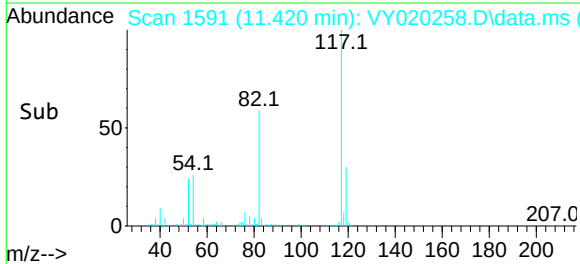
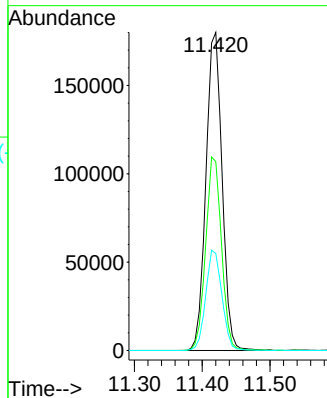
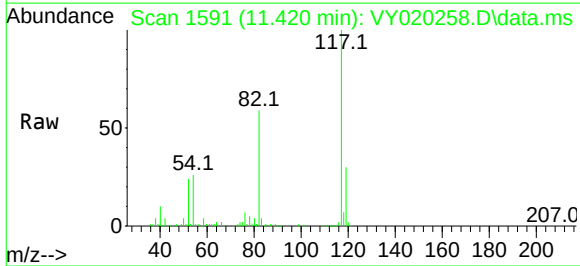
Tgt Ion:117 Resp: 297701

Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 30.5 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020258.D

Acq: 11 Nov 2024 19:06

Tgt Ion:152 Resp: 103317

Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 158.1 0.0 345.6

