

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020287.D
 Acq On : 13 Nov 2024 16:49
 Operator : SY/MD
 Sample : P4823-03
 Misc : 4.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-4-VOC

Quant Time: Nov 14 01:00:04 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	182380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	495057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	406878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	103280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	120063	52.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.500%
35) Dibromofluoromethane	7.640	113	130535	41.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.940%
50) Toluene-d8	10.109	98	410737	32.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.560%
62) 4-Bromofluorobenzene	12.408	95	111162	27.316	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.640%

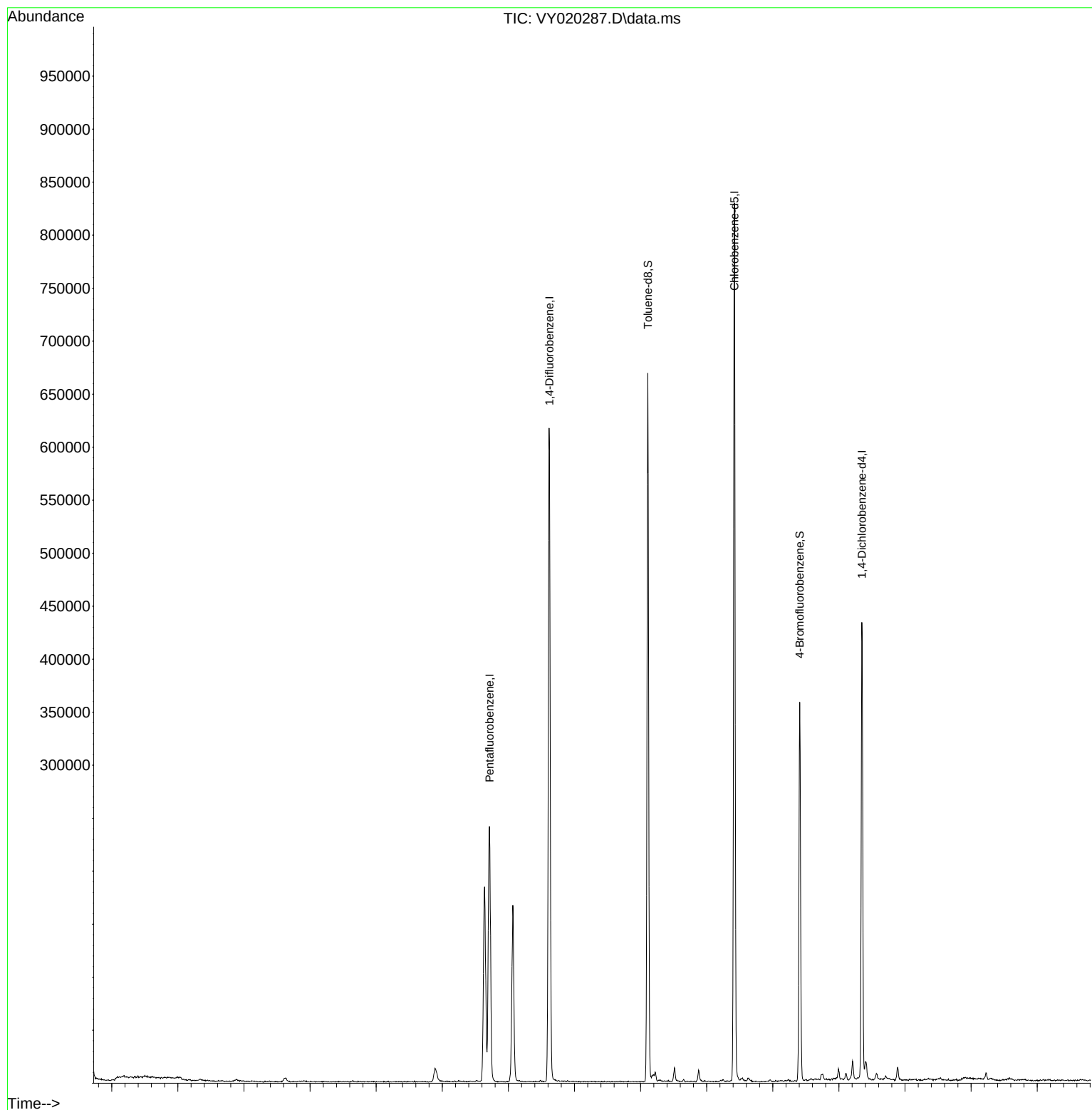
Target Compounds Qvalue

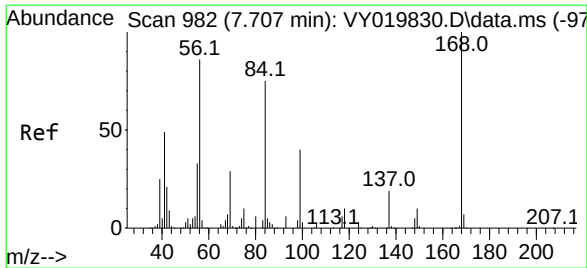
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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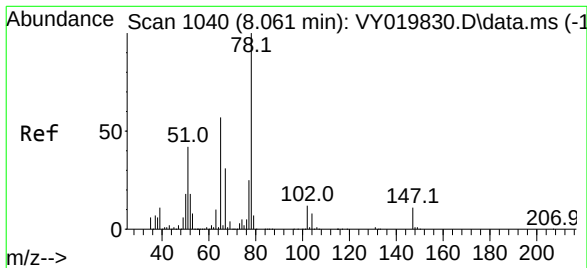
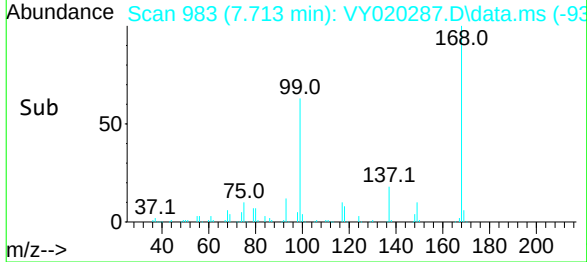
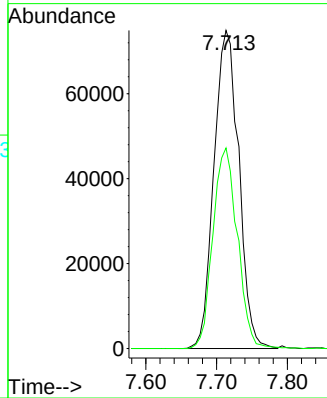
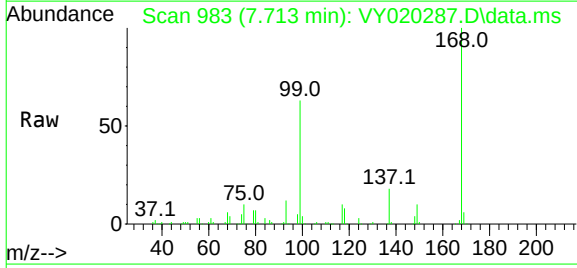




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

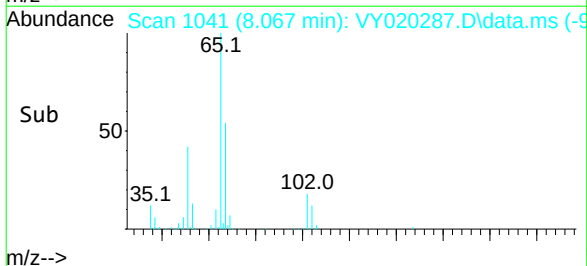
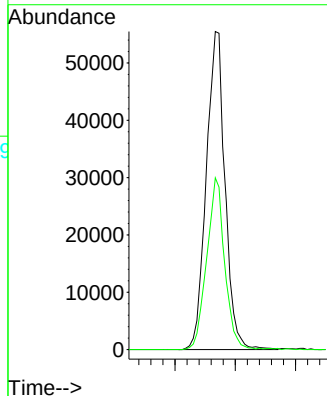
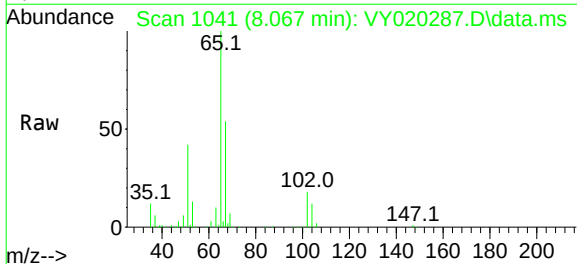
Instrument :
MSVOA_Y
ClientSampleId :
MH-4-VOC

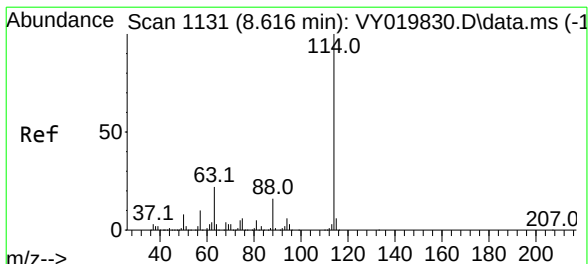
Tgt Ion:168 Resp: 182380
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.747 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020287.D
Acq: 13 Nov 2024 16:49

Tgt Ion: 65 Resp: 120063
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

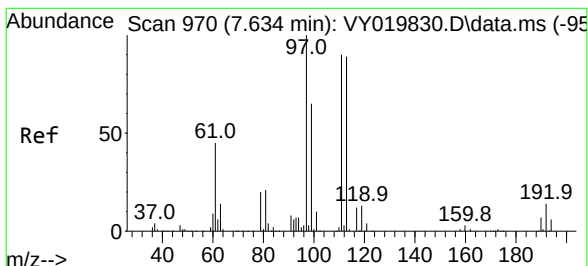
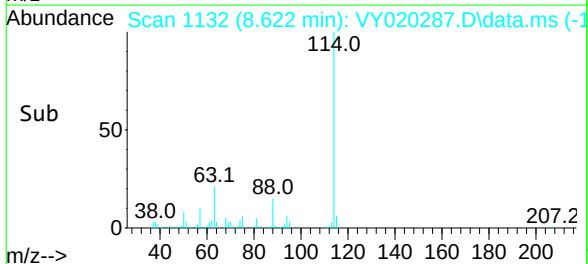
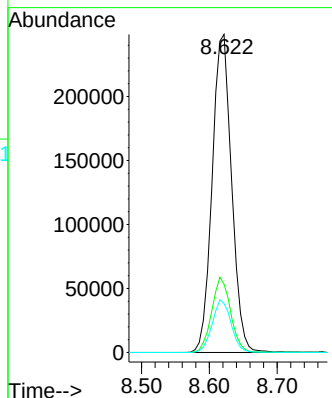
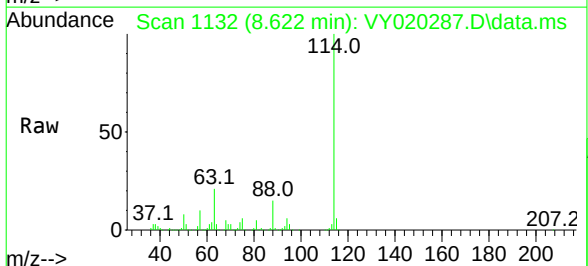




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY020287.D
 Acq: 13 Nov 2024 16:49

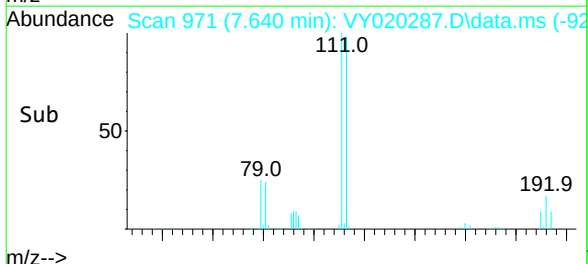
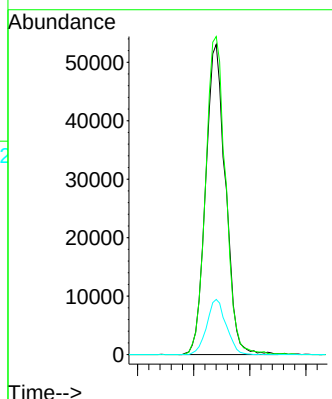
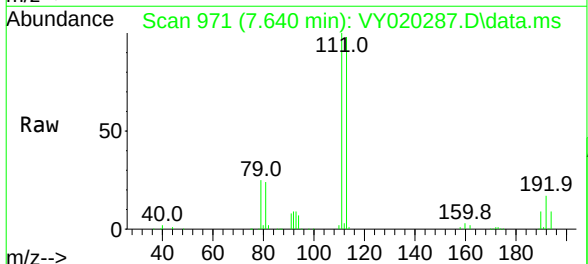
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-4-VOC

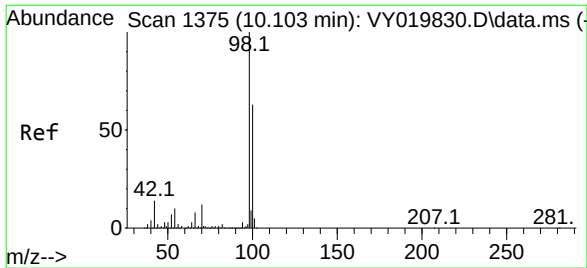
Tgt Ion:	114	Resp:	495057
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	15.4	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 41.472 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020287.D
 Acq: 13 Nov 2024 16:49

Tgt Ion:	113	Resp:	130535
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	17.3	15.9	23.9





#50

Toluene-d8

Concen: 32.784 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

Instrument :

MSVOA_Y

ClientSampleId :

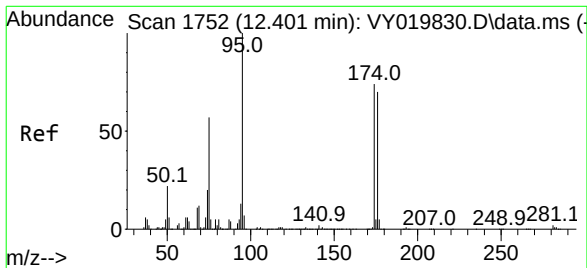
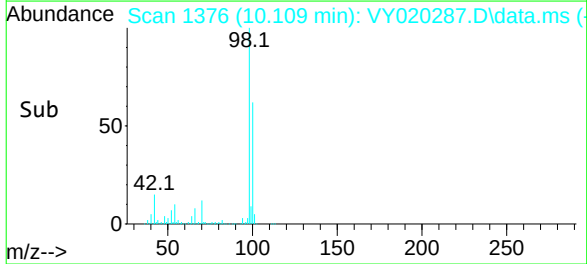
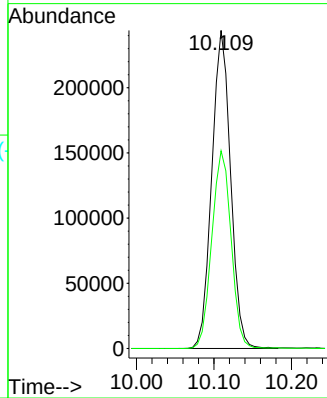
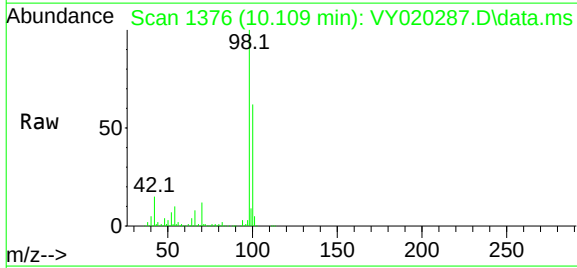
MH-4-VOC

Tgt Ion: 98 Resp: 410737

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.316 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

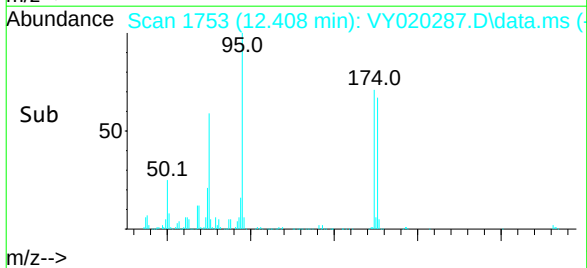
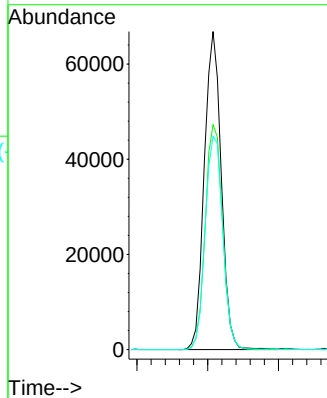
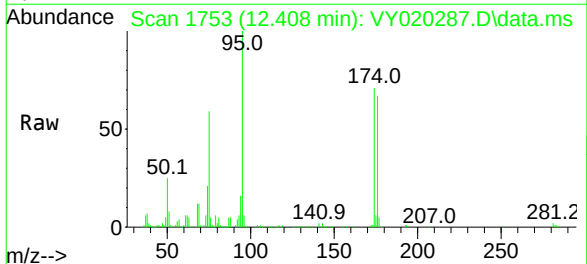
Tgt Ion: 95 Resp: 111162

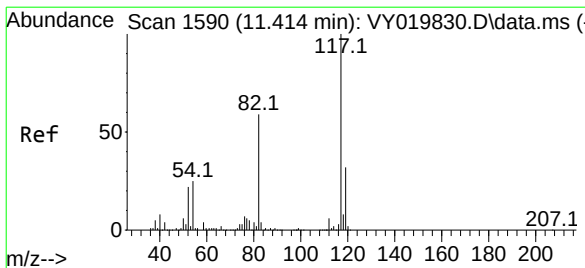
Ion Ratio Lower Upper

95 100

174 72.2 0.0 175.6

176 69.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020287.D

Acq: 13 Nov 2024 16:49

Instrument :

MSVOA_Y

ClientSampleId :

MH-4-VOC

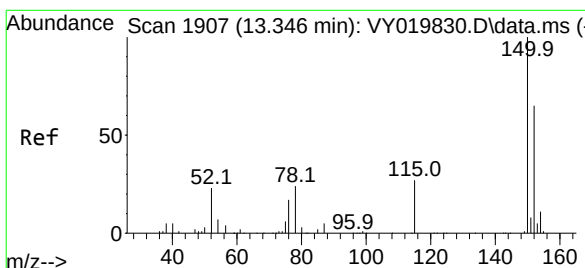
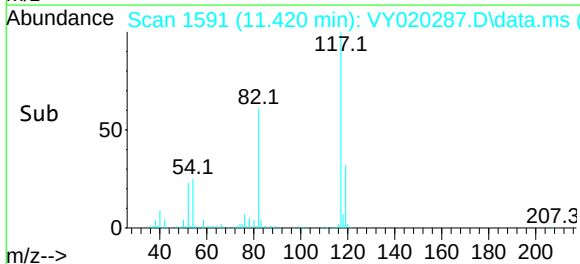
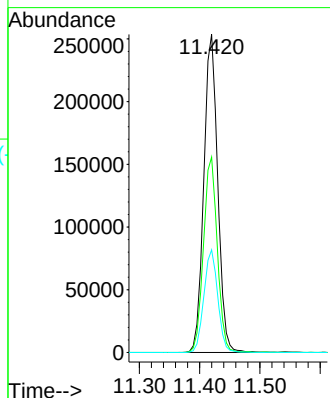
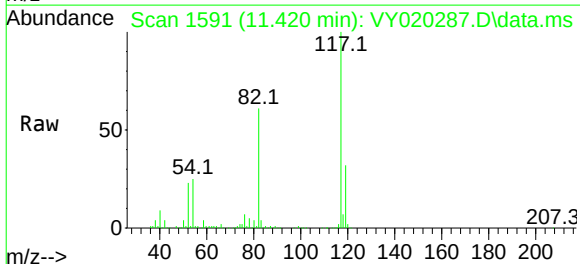
Tgt Ion:117 Resp: 406878

Ion Ratio Lower Upper

117 100

82 61.4 42.4 63.6

119 32.3 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: VY020287.D

Acq: 13 Nov 2024 16:49

Tgt Ion:152 Resp: 103280

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 156.9 0.0 345.6

