

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020281.D
 Acq On : 13 Nov 2024 14:29
 Operator : SY/MD
 Sample : P4807-11
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BF-F13-VOC

Quant Time: Nov 14 00:57:28 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	187249	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	363775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	506448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	190197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	153242	65.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.140%
35) Dibromofluoromethane	7.634	113	135618	58.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.280%
50) Toluene-d8	10.109	98	468984	50.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.408	95	215185	71.961	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	143.920%

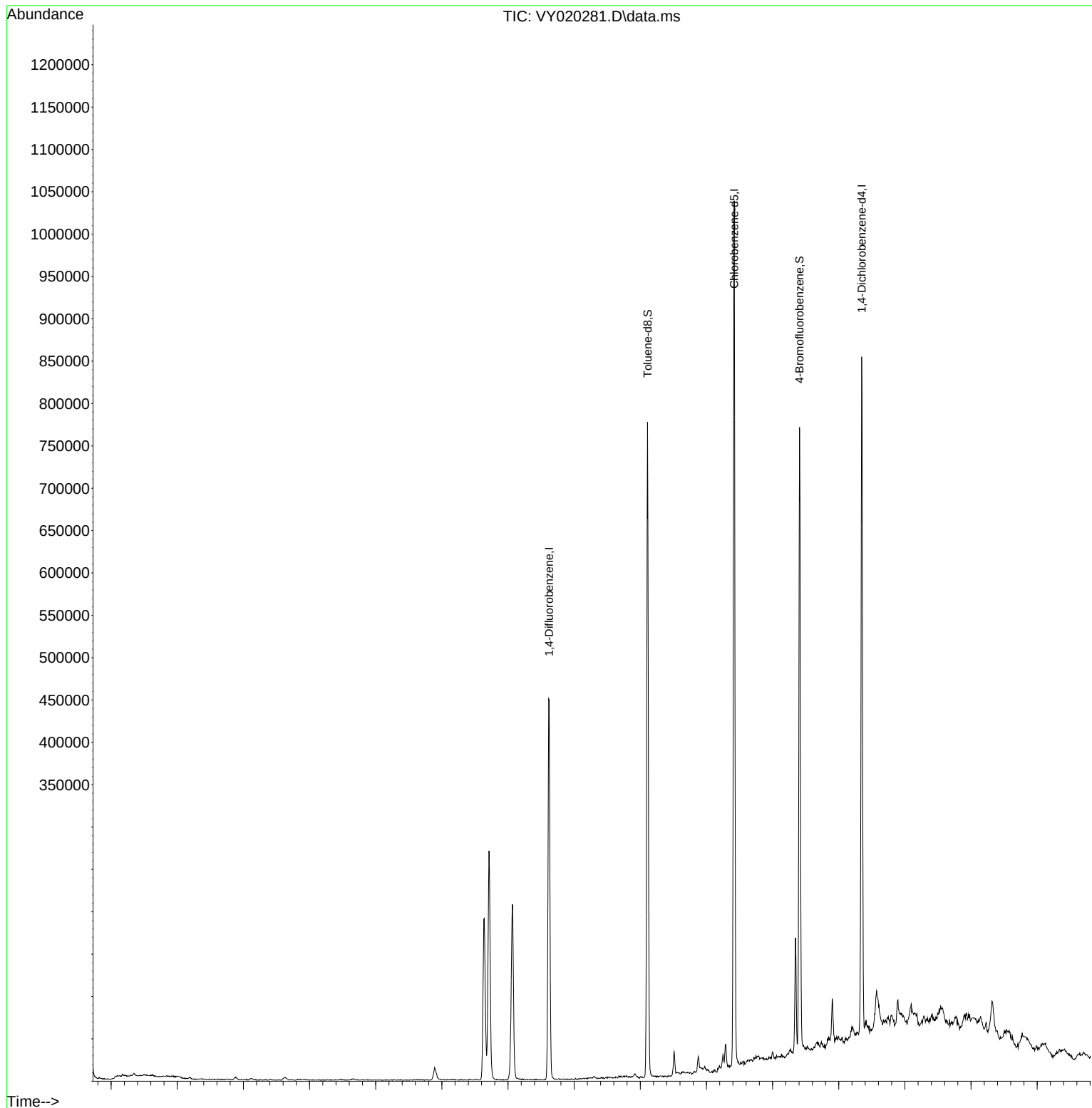
Target Compounds	Qvalue

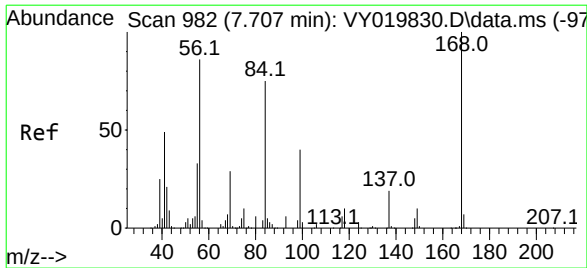
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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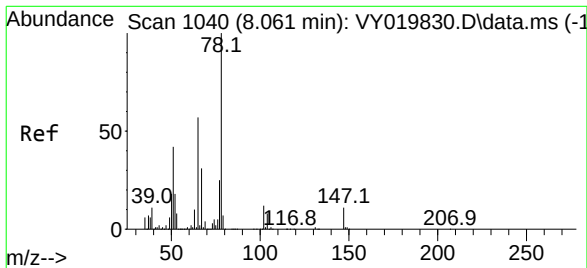
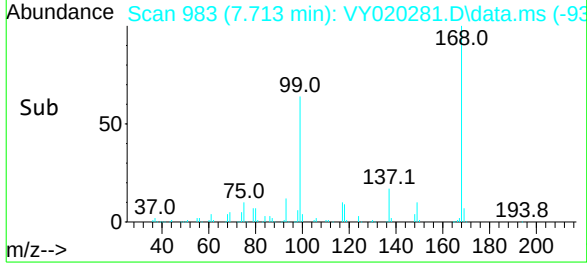
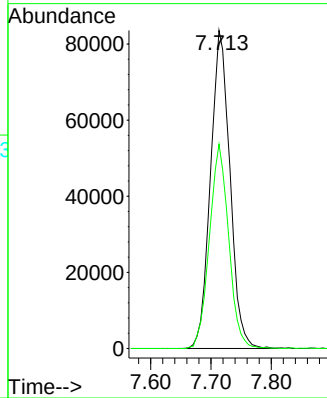
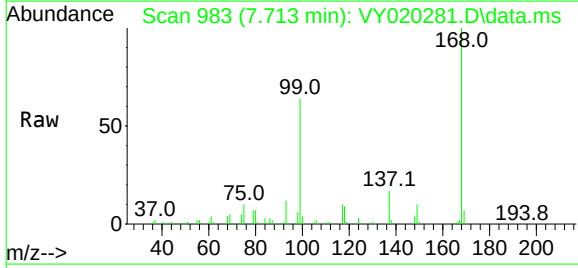




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020281.D
Acq: 13 Nov 2024 14:29

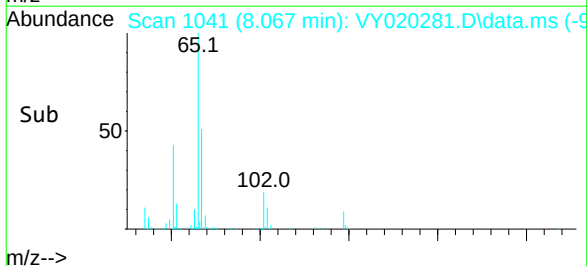
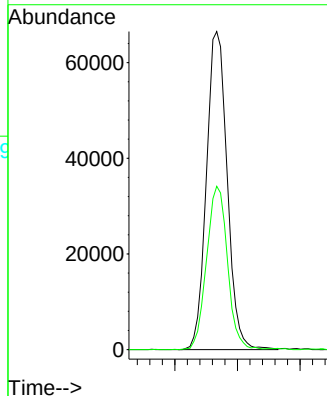
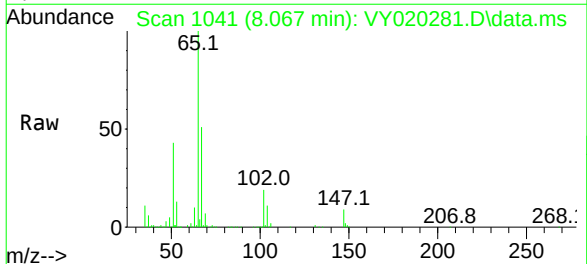
Instrument :
MSVOA_Y
ClientSampleId :
BF-F13-VOC

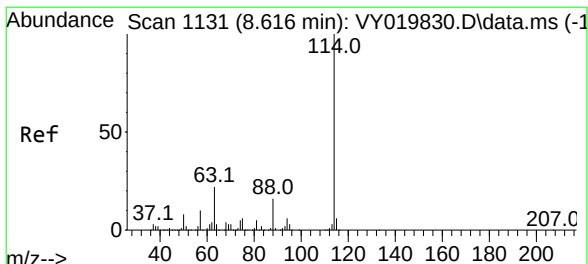
Tgt Ion: 168 Resp: 187249
Ion Ratio Lower Upper
168 100
99 64.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.572 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020281.D
Acq: 13 Nov 2024 14:29

Tgt Ion: 65 Resp: 153242
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

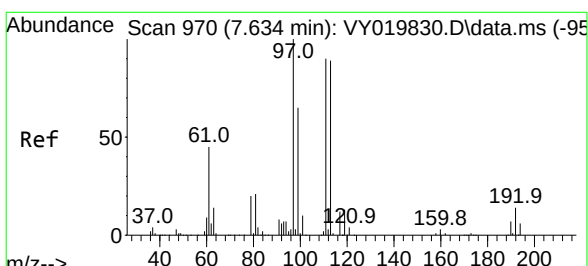
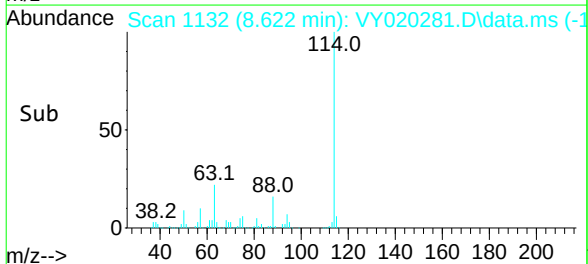
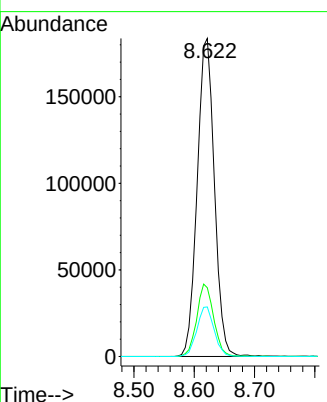
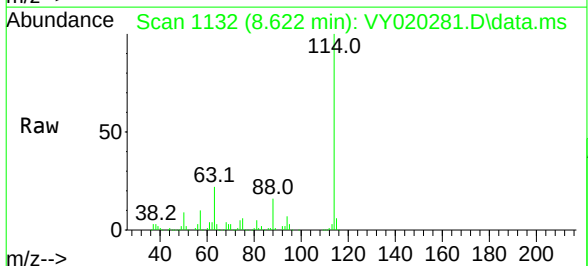




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020281.D
Acq: 13 Nov 2024 14:29

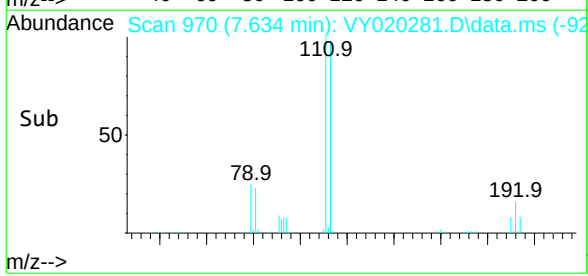
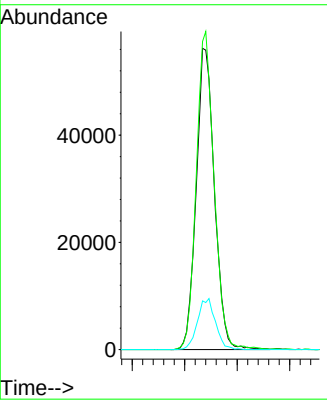
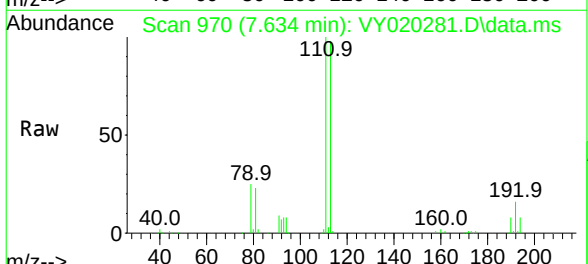
Instrument :
MSVOA_Y
ClientSampleId :
BF-F13-VOC

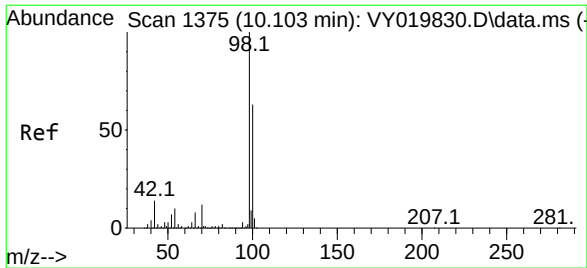
Tgt Ion:	114	Resp:	363775
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	35.0
88	15.6	0.0	27.2



#35
Dibromofluoromethane
Concen: 58.636 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020281.D
Acq: 13 Nov 2024 14:29

Tgt Ion:	113	Resp:	135618
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 50.942 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020281.D

Acq: 13 Nov 2024 14:29

Instrument :

MSVOA_Y

ClientSampleId :

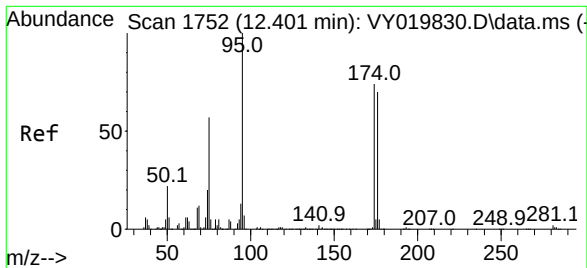
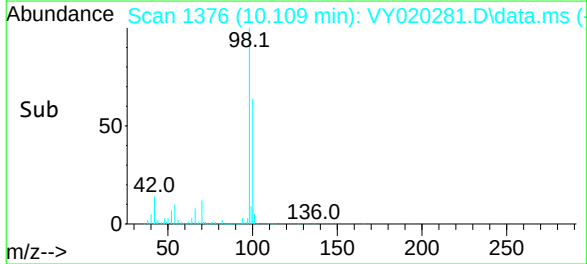
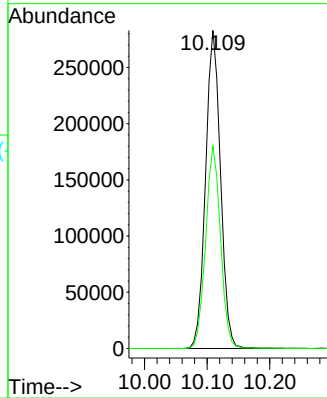
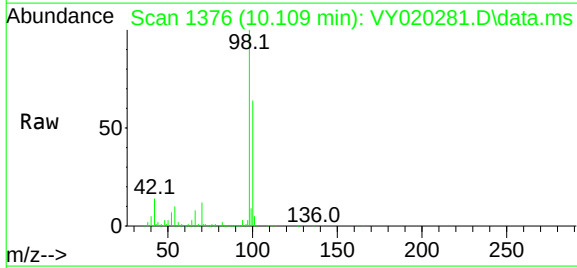
BF-F13-VOC

Tgt Ion: 98 Resp: 468984

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 71.961 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020281.D

Acq: 13 Nov 2024 14:29

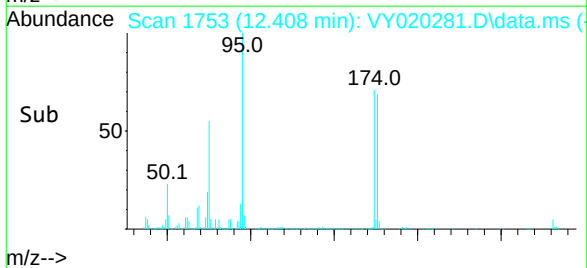
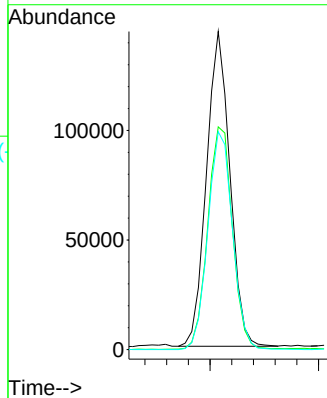
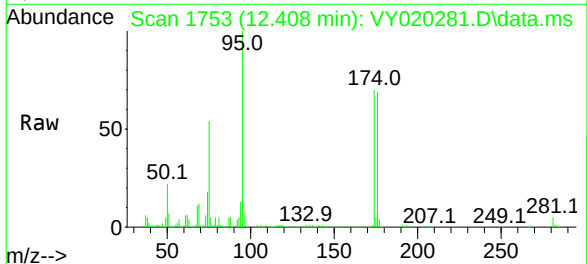
Tgt Ion: 95 Resp: 215185

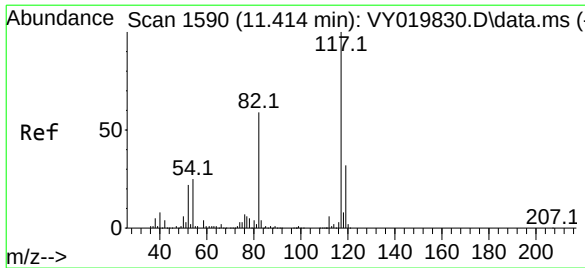
Ion Ratio Lower Upper

95 100

174 74.7 0.0 175.6

176 72.8 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: VY020281.D

Acq: 13 Nov 2024 14:29

Instrument :

MSVOA_Y

ClientSampleId :

BF-F13-VOC

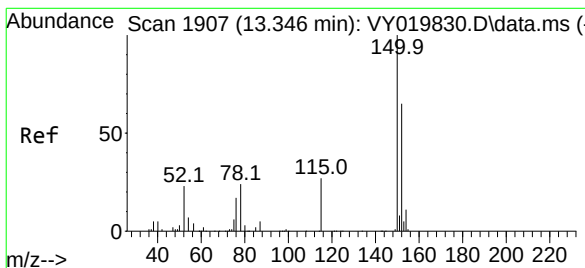
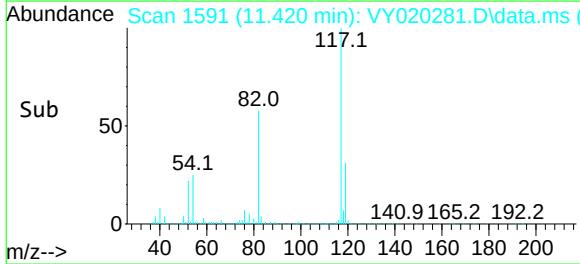
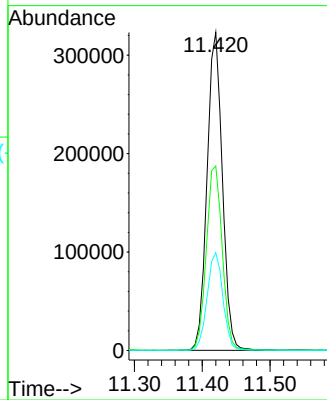
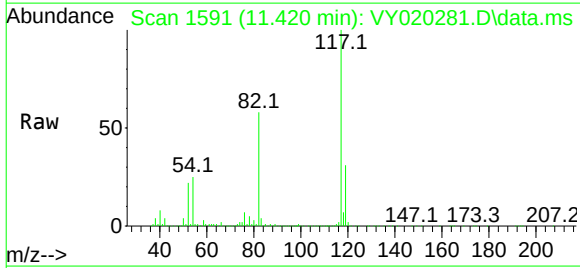
Tgt Ion:117 Resp: 506448

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 30.7 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: VY020281.D

Acq: 13 Nov 2024 14:29

Tgt Ion:152 Resp: 190197

Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 154.9 0.0 345.6

