

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020127.D
 Acq On : 01 Nov 2024 18:17
 Operator : SY/MD
 Sample : P4643-11
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

Quant Time: Nov 04 00:51:23 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	161794	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	348081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	331180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122812	60.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.640%	
35) Dibromofluoromethane	7.634	113	117372	53.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.103	98	441133	50.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.401	95	136978	47.872	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.740%	

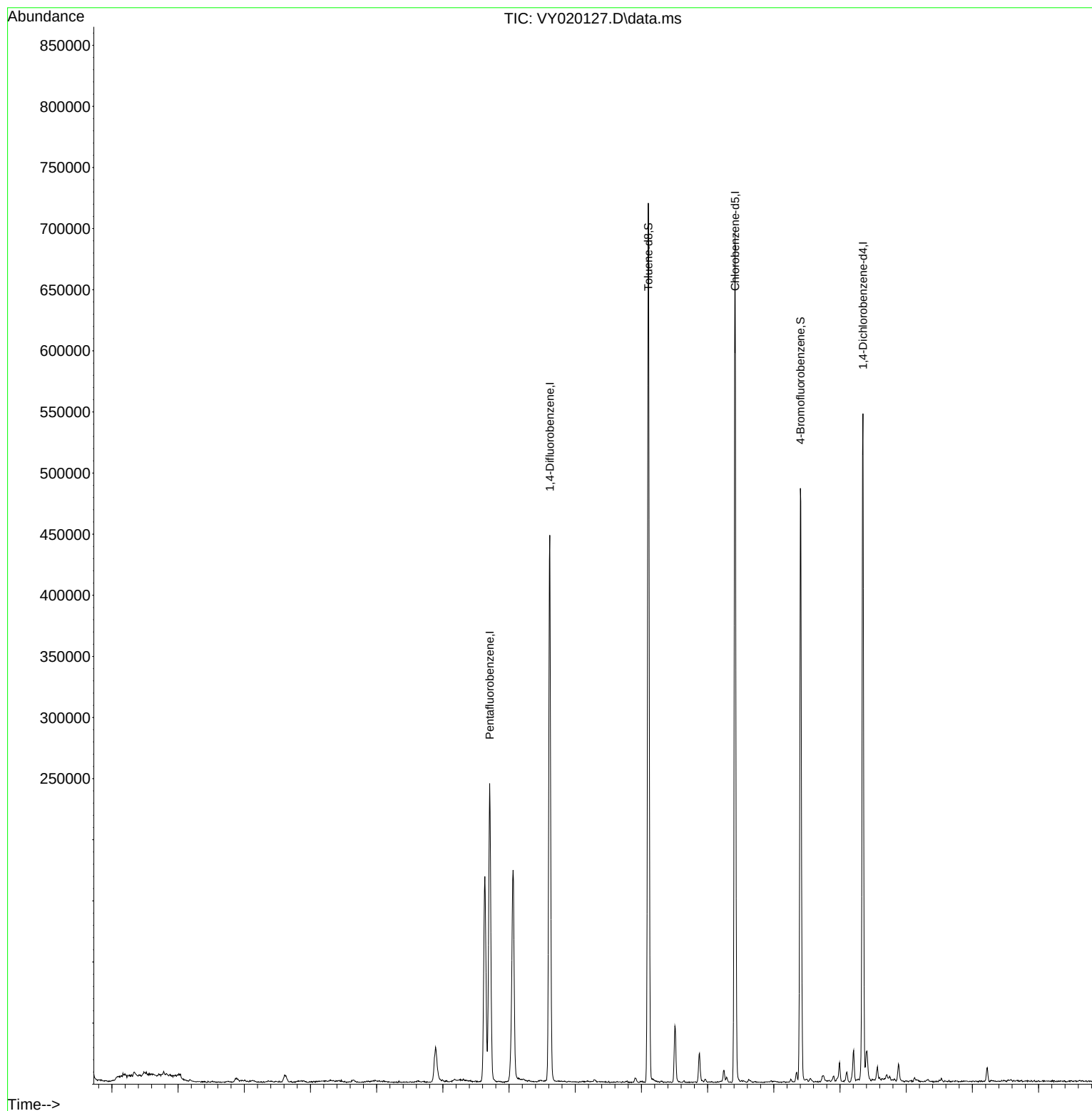
Target Compounds Qvalue

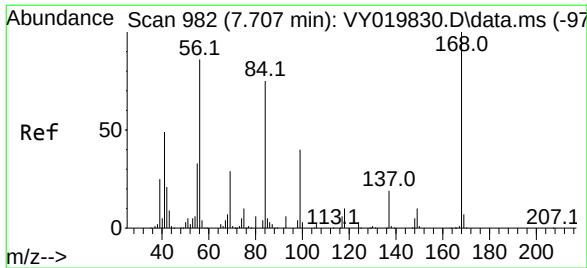
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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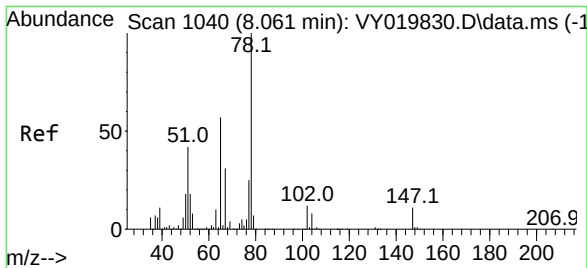
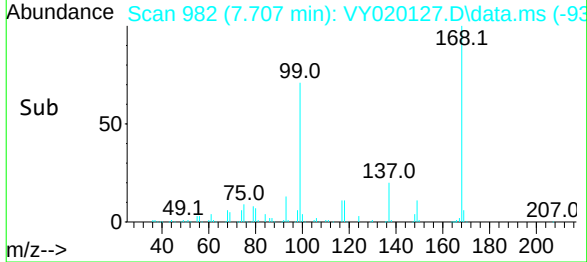
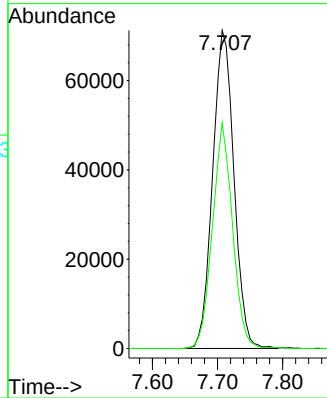
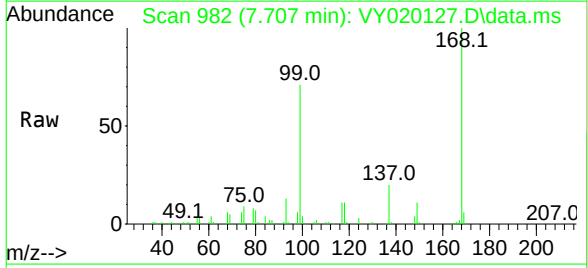




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

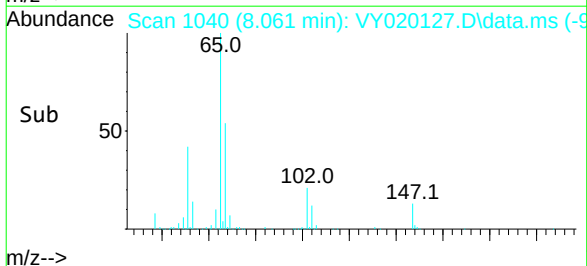
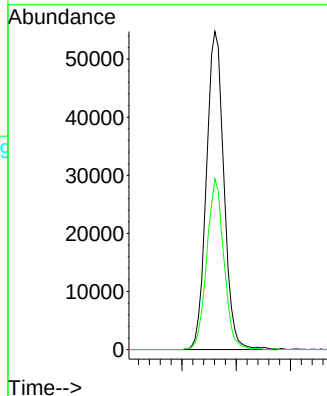
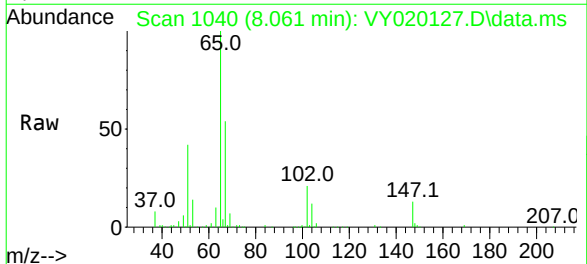
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

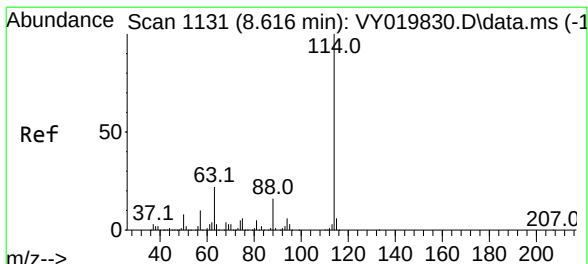
Tgt Ion:168 Resp: 161794
Ion Ratio Lower Upper
168 100
99 71.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 60.819 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020127.D
Acq: 01 Nov 2024 18:17

Tgt Ion: 65 Resp: 122812
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

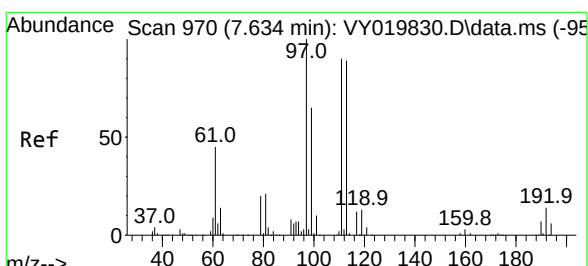
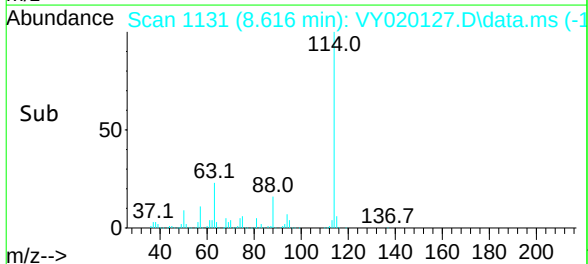
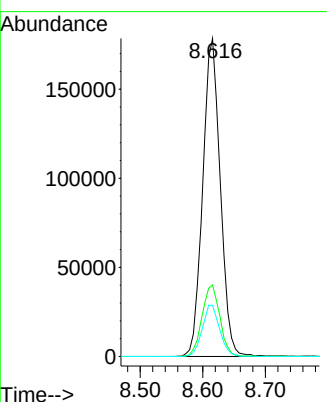
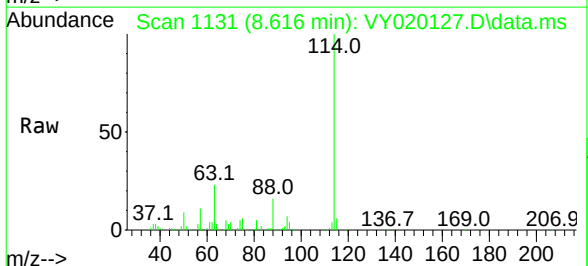




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: VY020127.D
 Acq: 01 Nov 2024 18:17

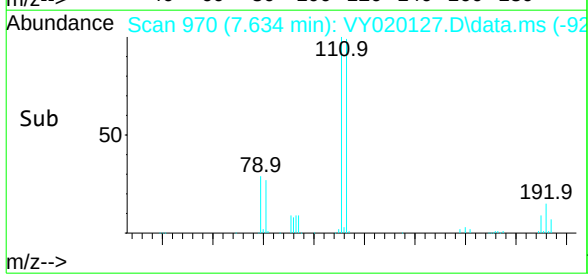
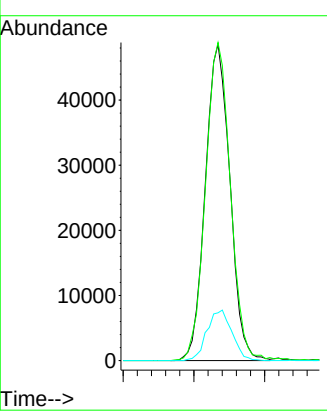
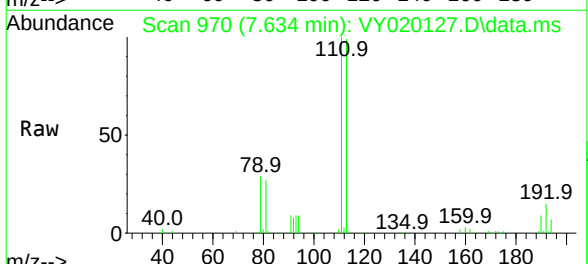
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

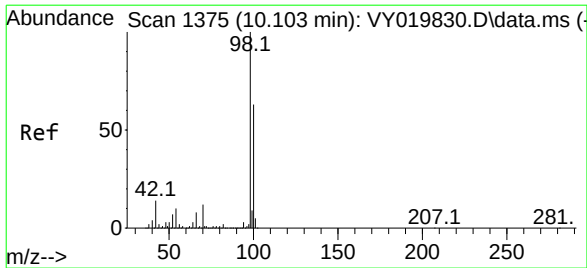
Tgt Ion:	114	Resp:	348081
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	35.0
88	16.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.036 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020127.D
 Acq: 01 Nov 2024 18:17

Tgt Ion:	113	Resp:	117372
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	16.2	15.9	23.9





#50

Toluene-d8

Concen: 50.077 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020127.D

Acq: 01 Nov 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

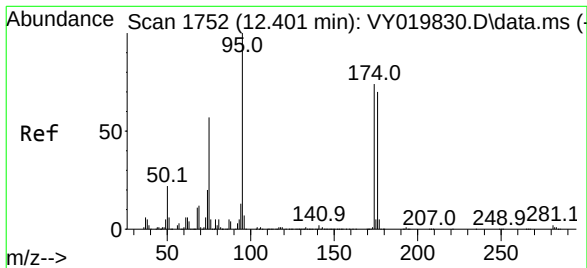
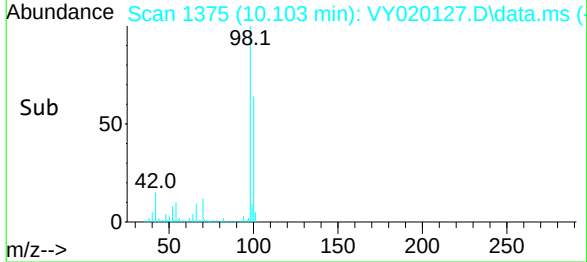
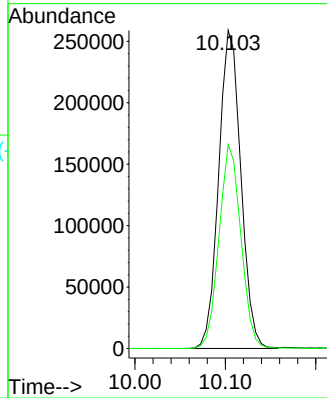
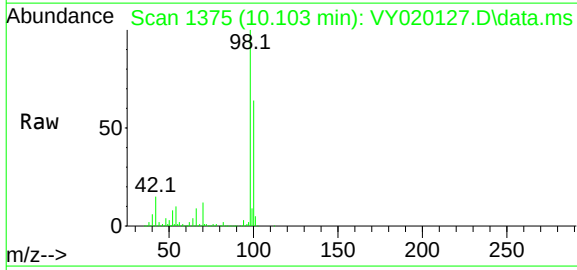
TP-9-VOC

Tgt Ion: 98 Resp: 441133

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.872 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020127.D

Acq: 01 Nov 2024 18:17

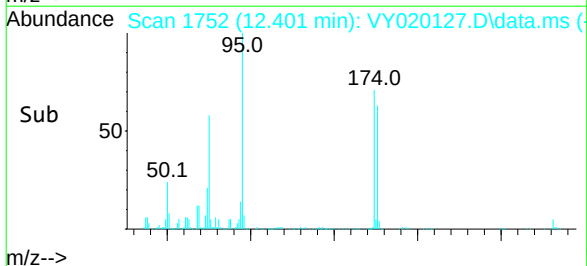
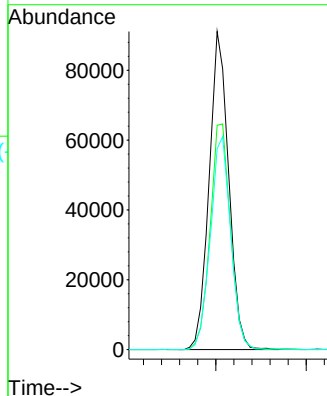
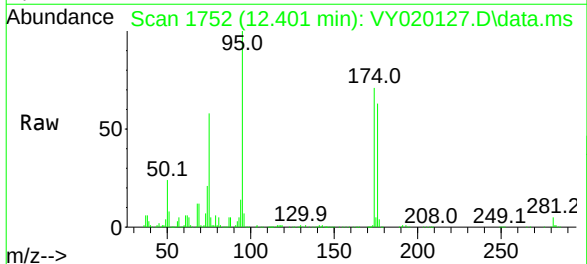
Tgt Ion: 95 Resp: 136978

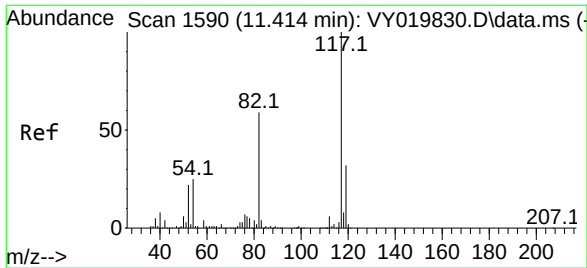
Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 69.5 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: VY020127.D

Acq: 01 Nov 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-9-VOC

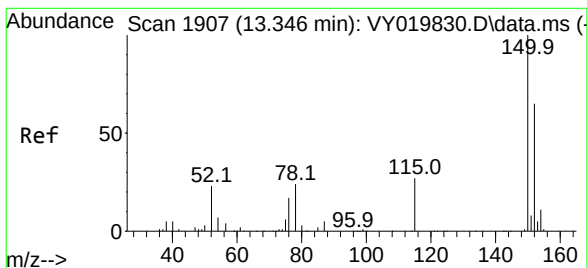
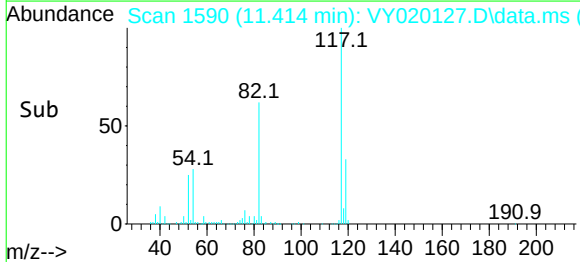
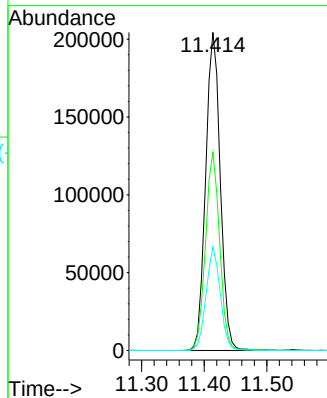
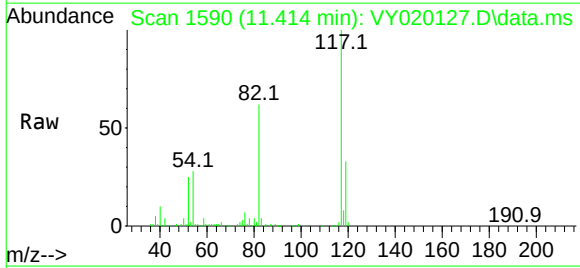
Tgt Ion:117 Resp: 331180

Ion Ratio Lower Upper

117 100

82 62.3 42.4 63.6

119 32.6 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: VY020127.D

Acq: 01 Nov 2024 18:17

Tgt Ion:152 Resp: 119790

Ion Ratio Lower Upper

152 100

115 59.9 28.2 84.7

150 160.4 0.0 345.6

