

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019747.D
 Acq On : 01 Oct 2024 17:34
 Operator : SY/MD
 Sample : P4222-03
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Oct 02 03:17:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	299813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	567094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	500826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	191207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173905	62.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.280%
35) Dibromofluoromethane	7.634	113	178970	55.662	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.320%
50) Toluene-d8	10.103	98	671976	56.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.000%
62) 4-Bromofluorobenzene	12.401	95	222803	48.723	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.440%

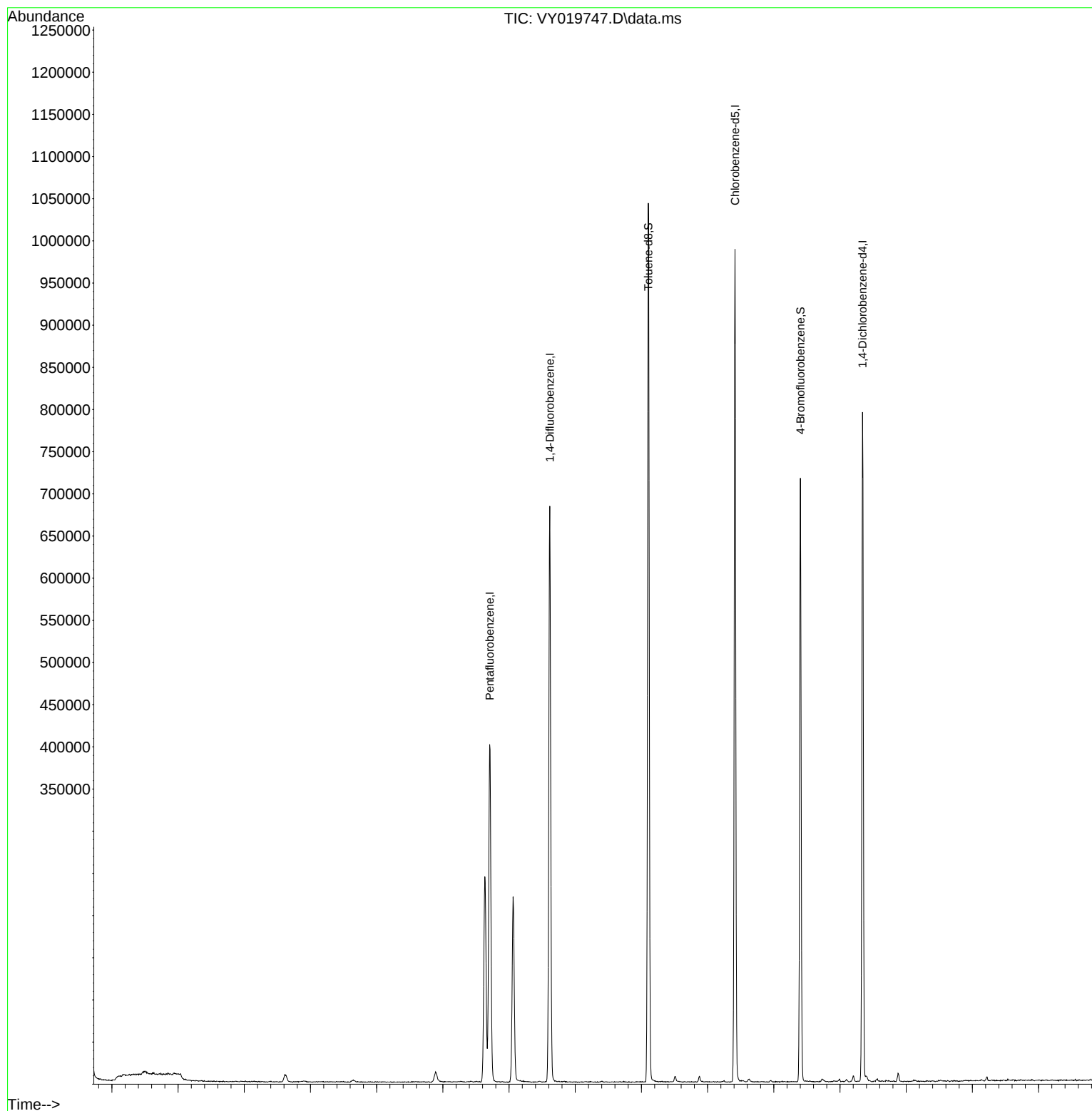
Target Compounds Qvalue

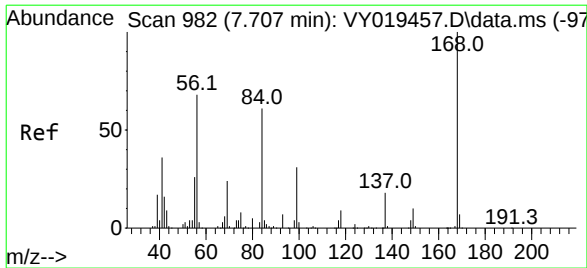
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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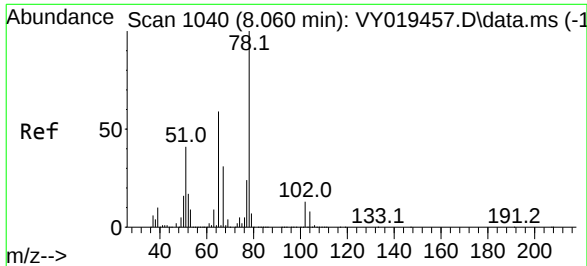
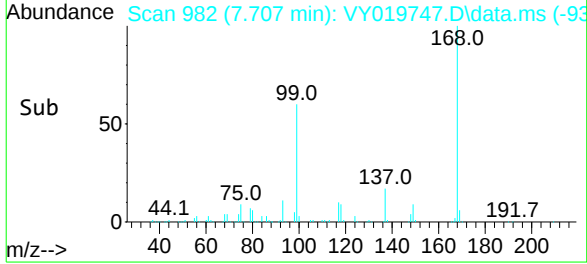
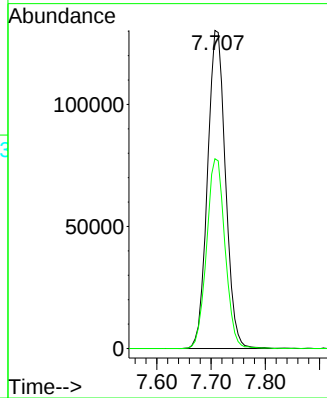
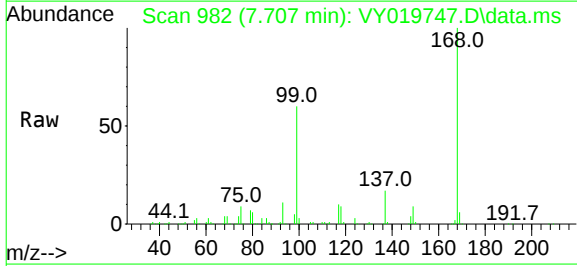




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

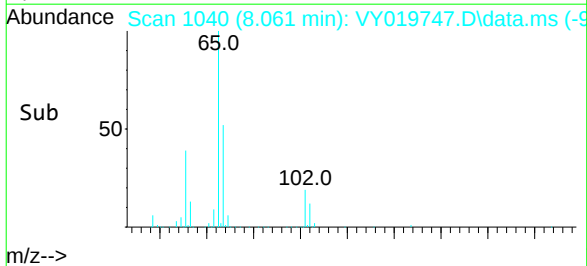
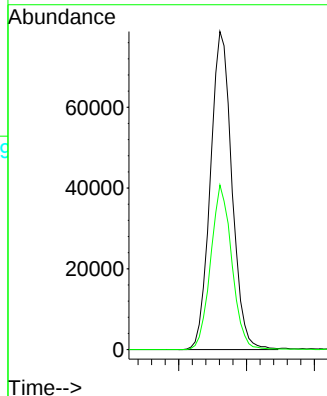
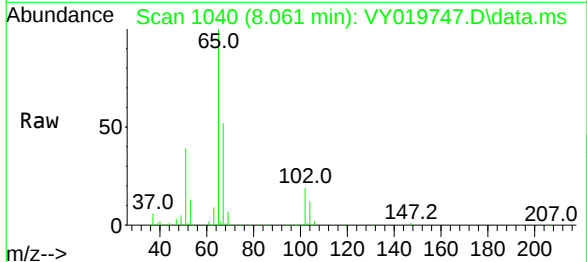
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

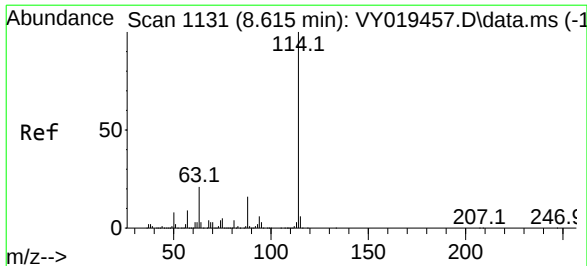
Tgt Ion:168 Resp: 299813
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.641 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Tgt Ion: 65 Resp: 173905
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

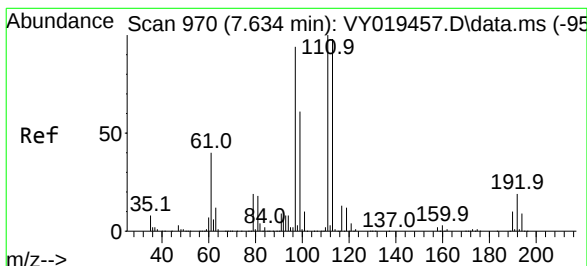
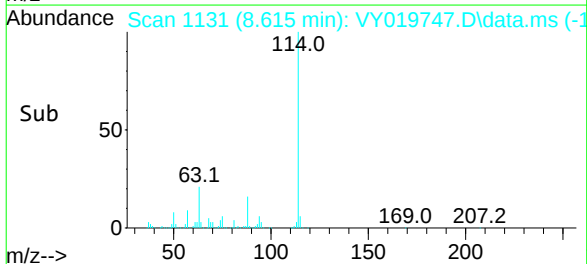
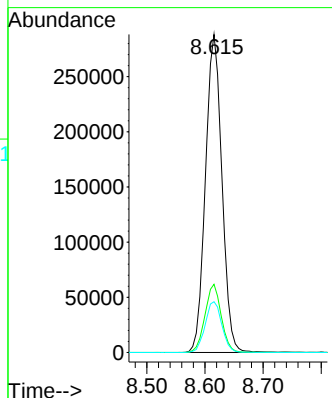
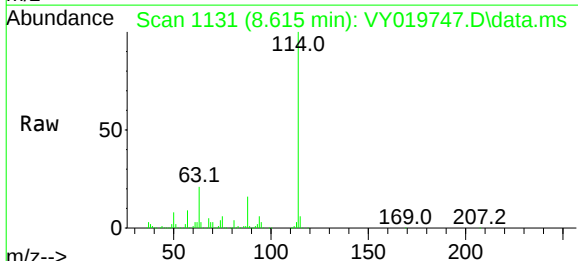




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

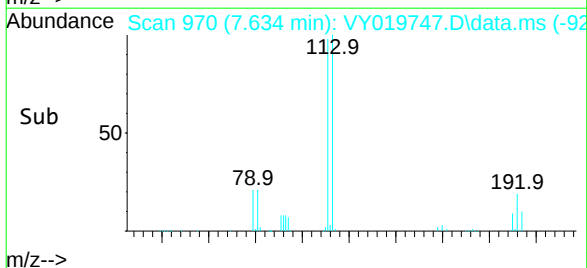
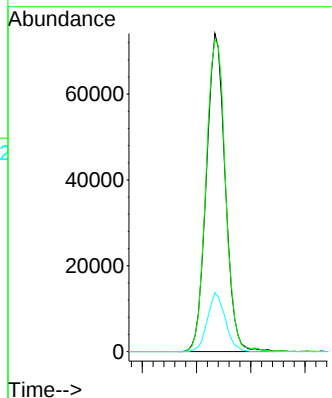
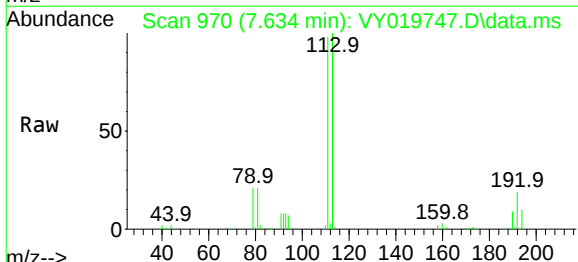
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

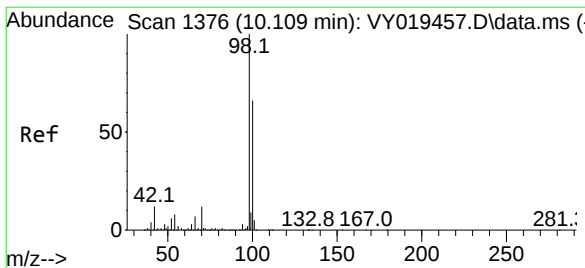
Tgt Ion:	114	Resp:	567094
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	35.0
88	16.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.662 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019747.D
Acq: 01 Oct 2024 17:34

Tgt Ion:	113	Resp:	178970
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.6	15.9	23.9





#50

Toluene-d8

Concen: 56.503 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

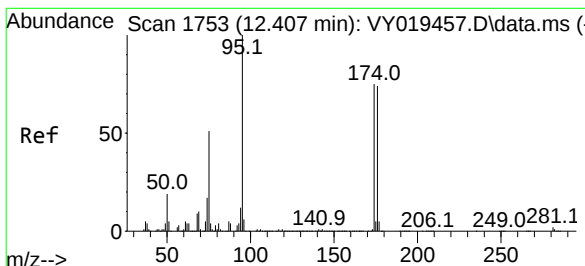
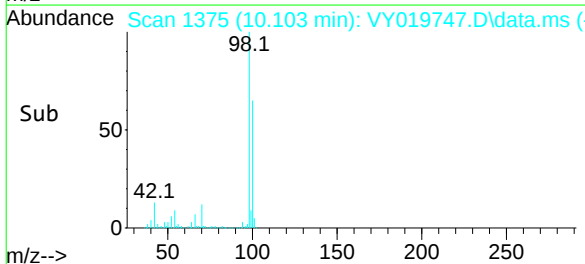
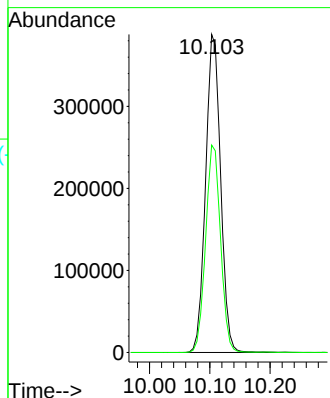
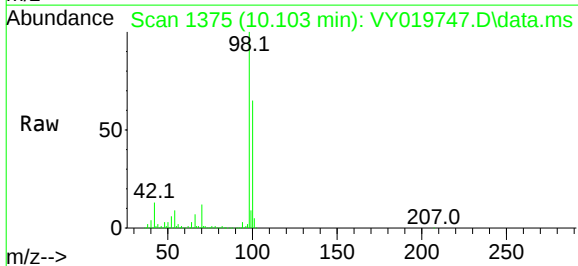
TP-5-VOC

Tgt Ion: 98 Resp: 671976

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.723 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

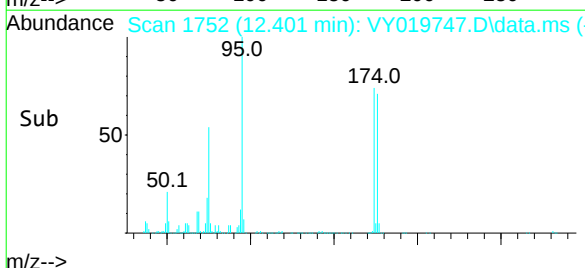
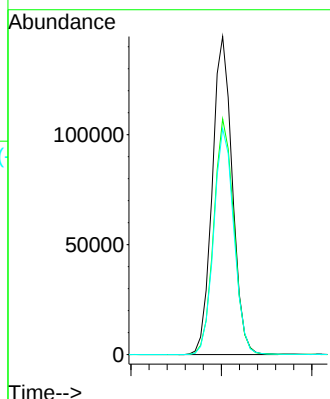
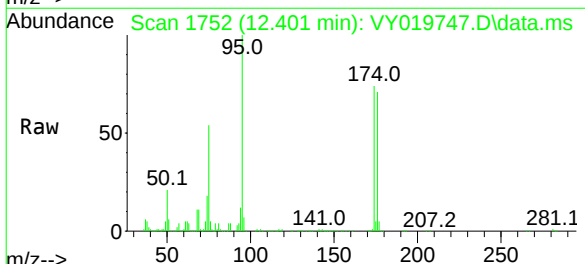
Tgt Ion: 95 Resp: 222803

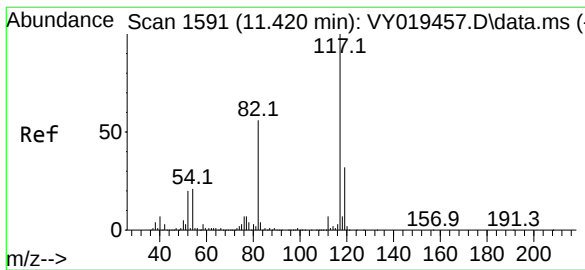
Ion Ratio Lower Upper

95 100

174 74.3 0.0 175.6

176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC

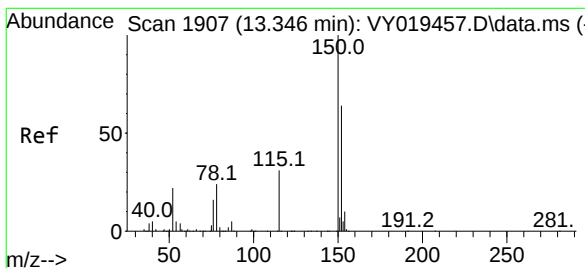
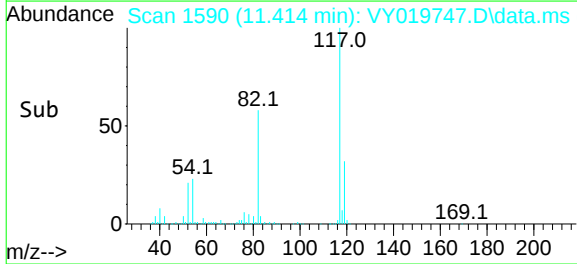
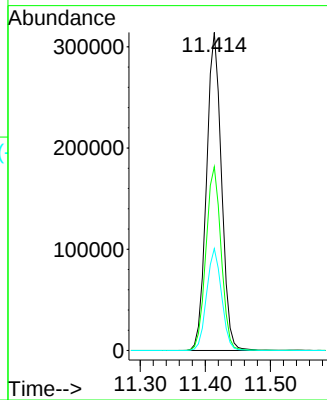
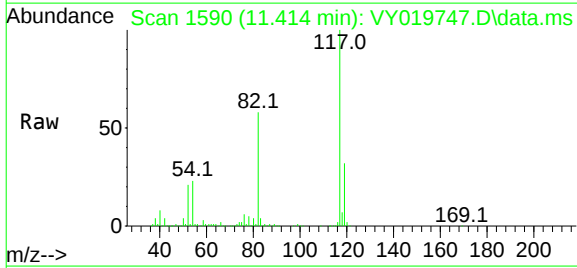
Tgt Ion:117 Resp: 500826

Ion Ratio Lower Upper

117 100

82 57.8 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019747.D

Acq: 01 Oct 2024 17:34

Tgt Ion:152 Resp: 191207

Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 156.7 0.0 345.6

