

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019632.D
 Acq On : 19 Sep 2024 14:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 20 01:29:01 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	326968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	611785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	549602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	222757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	176573	58.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.640%	
35) Dibromofluoromethane	7.628	113	190220	54.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.109	98	725783	56.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.140%	
62) 4-Bromofluorobenzene	12.408	95	242921	49.242	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.480%	

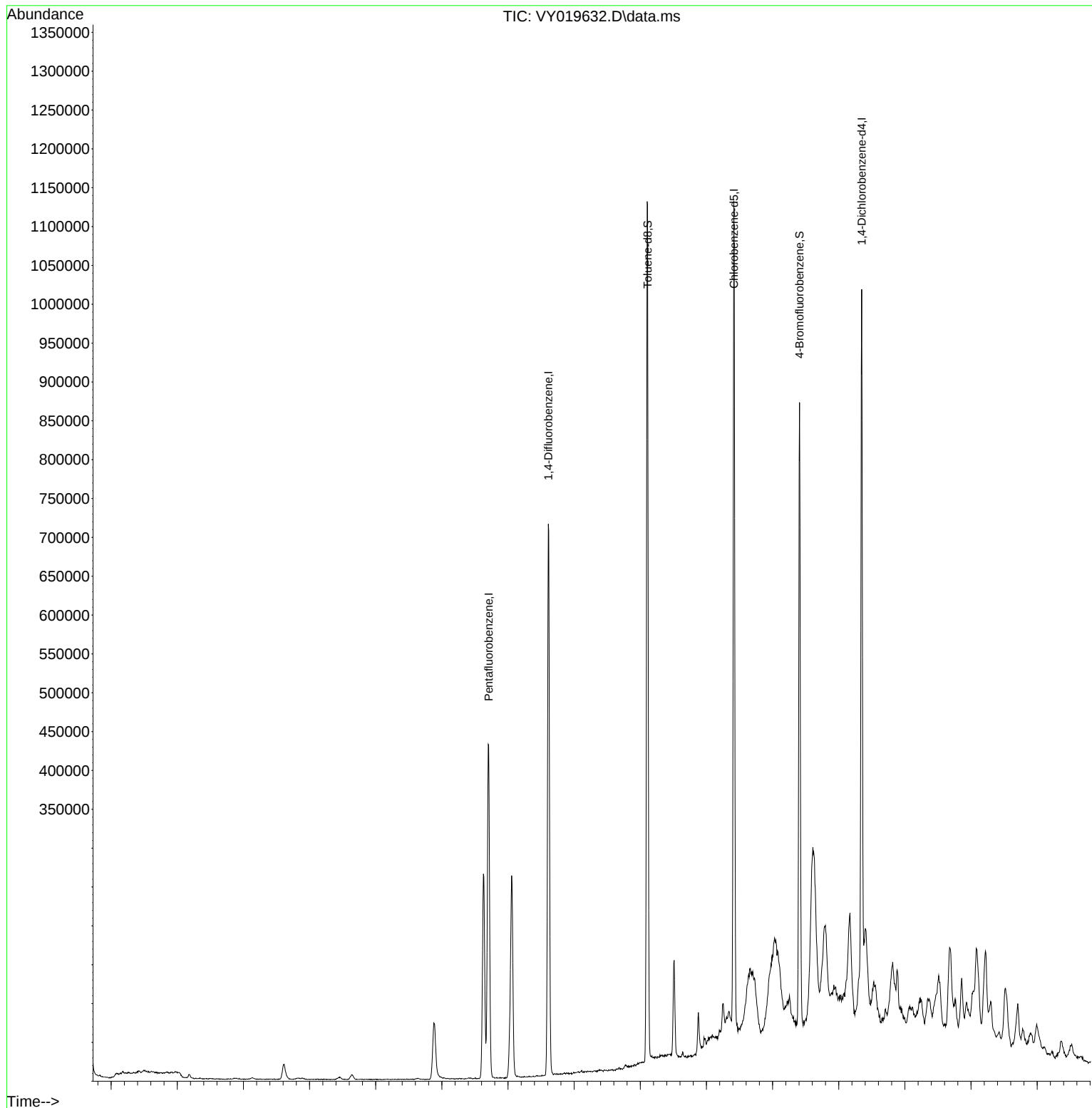
Target Compounds Qvalue

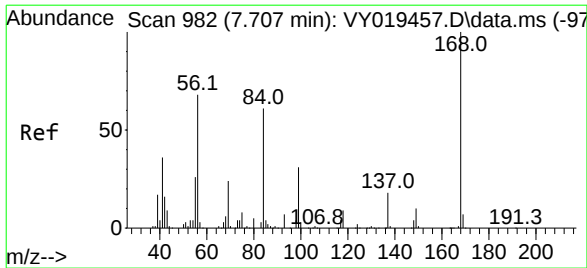
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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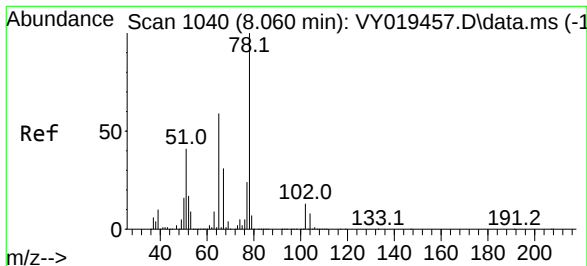
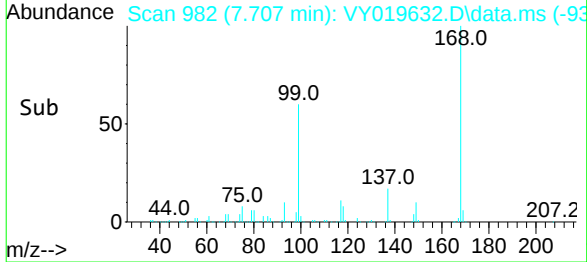
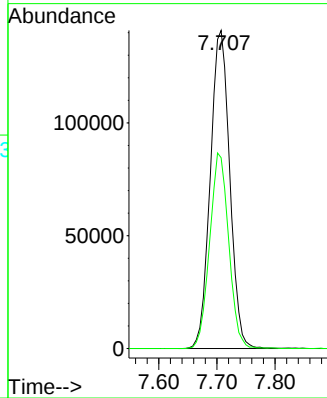
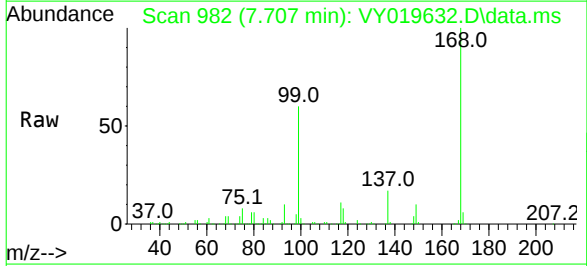




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

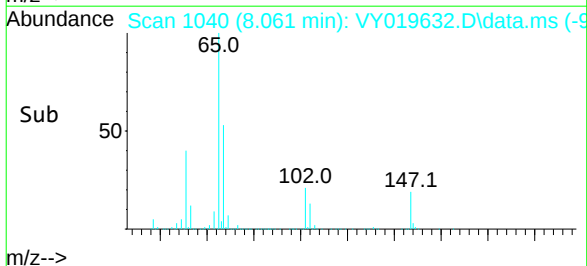
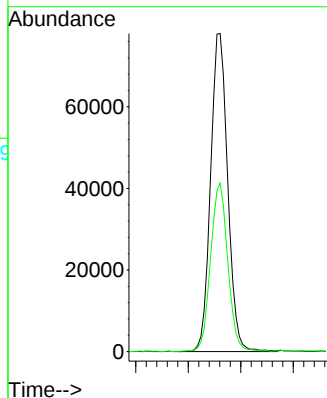
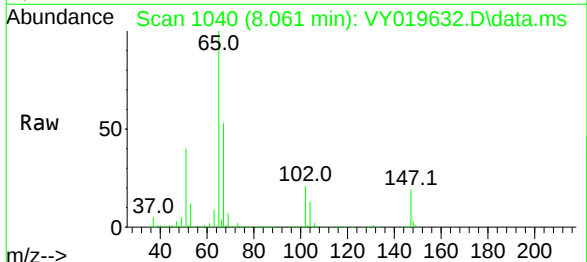
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

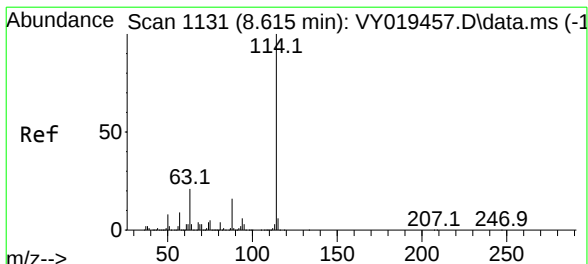
Tgt Ion:168 Resp: 326968
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.320 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion: 65 Resp: 176573
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

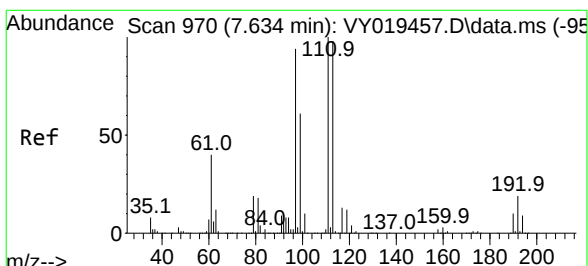
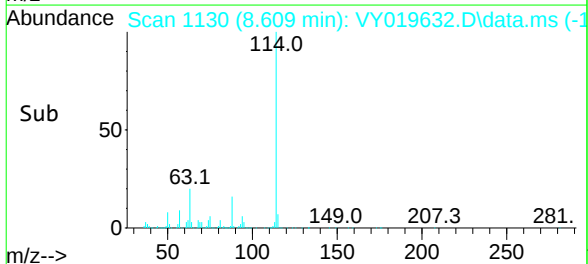
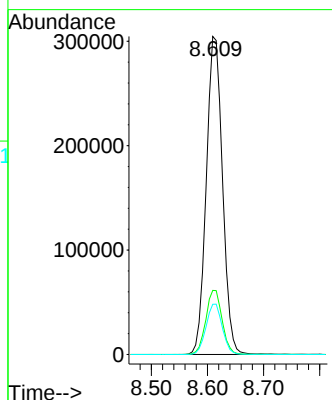
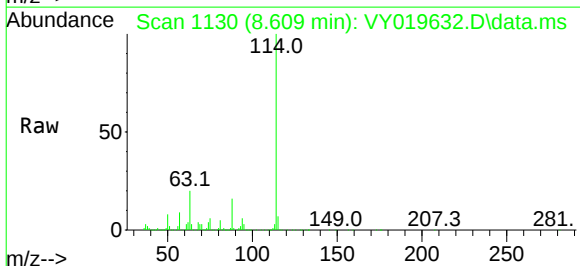




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY019632.D
 Acq: 19 Sep 2024 14:24

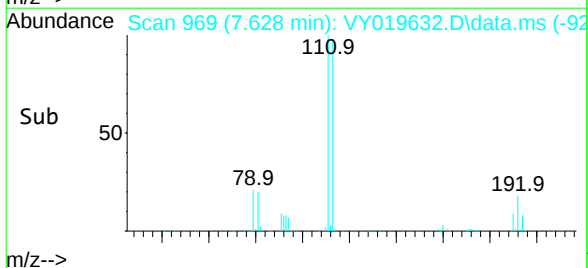
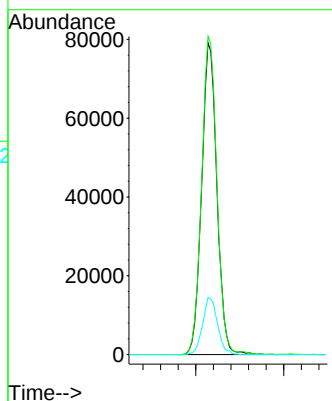
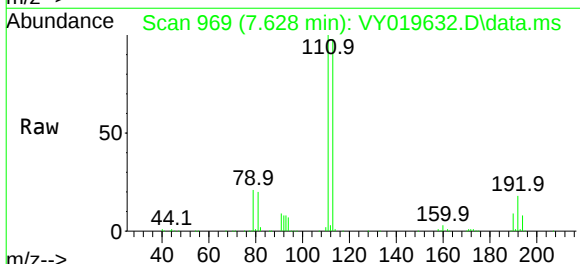
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

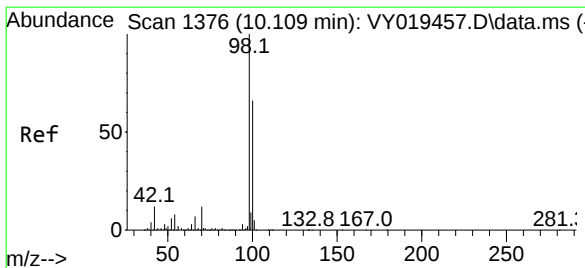
Tgt Ion:	114	Resp:	611785
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 54.839 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.006 min
 Lab File: VY019632.D
 Acq: 19 Sep 2024 14:24

Tgt Ion:	113	Resp:	190220
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.0	15.9	23.9





#50

Toluene-d8

Concen: 56.569 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019632.D

Acq: 19 Sep 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

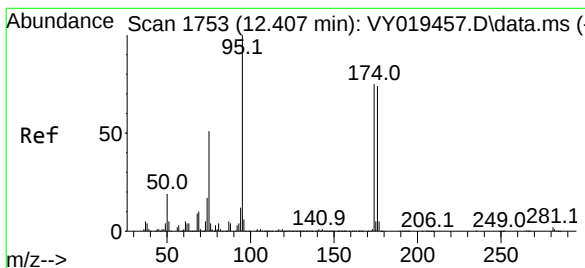
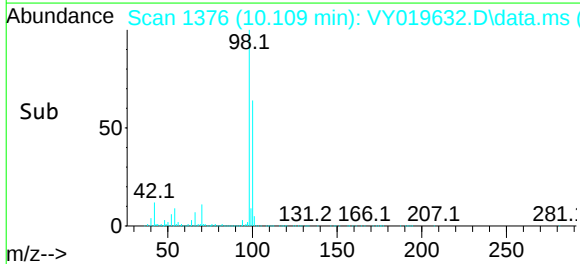
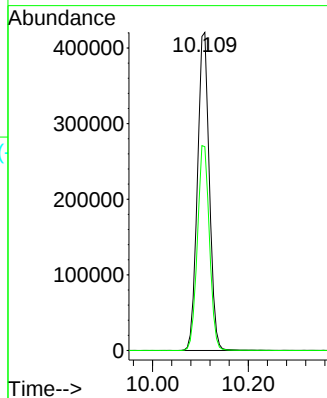
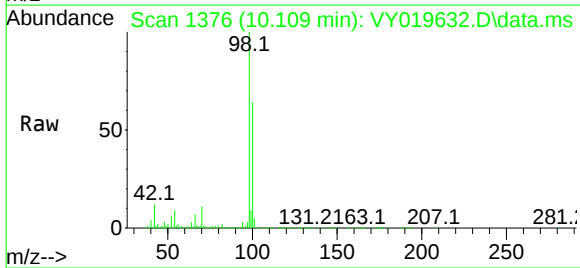
VIBLK

Tgt Ion: 98 Resp: 725783

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.242 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019632.D

Acq: 19 Sep 2024 14:24

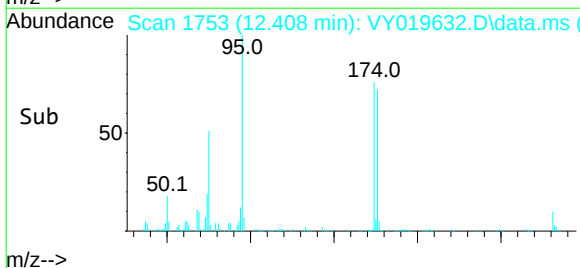
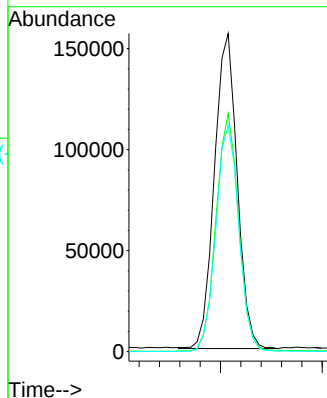
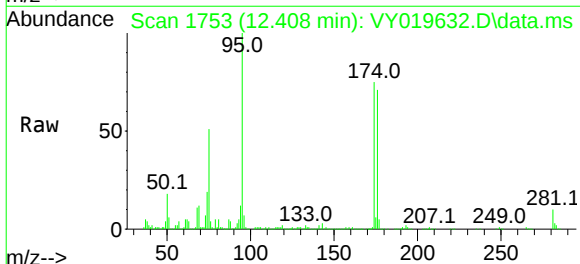
Tgt Ion: 95 Resp: 242921

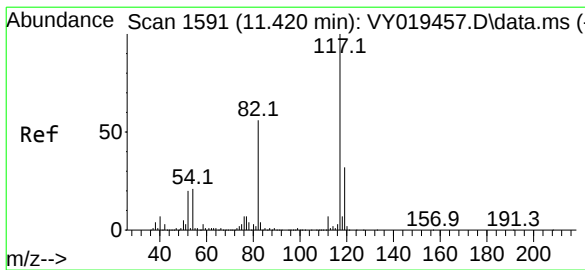
Ion Ratio Lower Upper

95 100

174 75.1 0.0 175.6

176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019632.D

Acq: 19 Sep 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

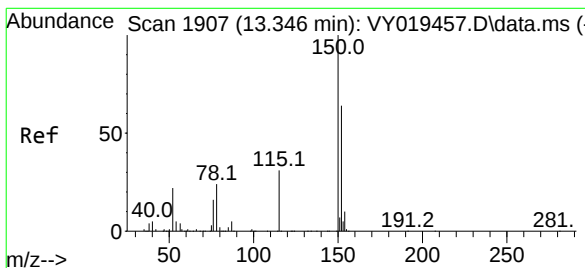
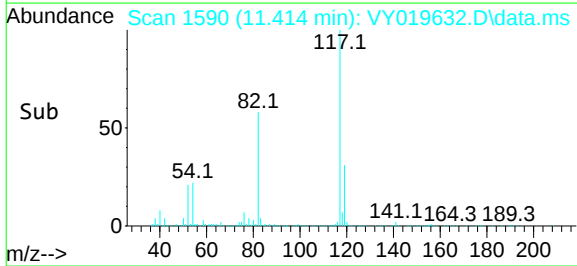
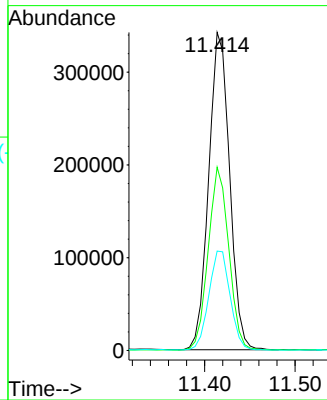
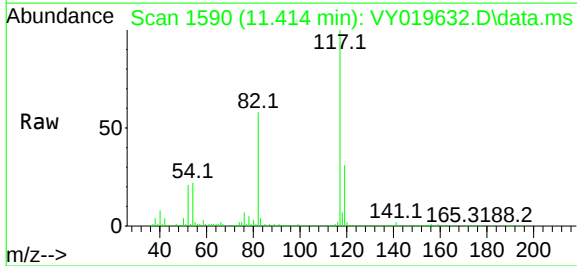
Tgt Ion:117 Resp: 549602

Ion Ratio Lower Upper

117 100

82 57.6 42.4 63.6

119 31.2 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: VY019632.D

Acq: 19 Sep 2024 14:24

Tgt Ion:152 Resp: 222757

Ion Ratio Lower Upper

152 100

115 65.8 28.2 84.7

150 154.3 0.0 345.6

