

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019773.D
 Acq On : 02 Oct 2024 18:29
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Oct 03 02:08:33 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	269385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	521382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	460782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	174782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	152764	61.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.480%	
35) Dibromofluoromethane	7.634	113	163436	55.287	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.580%	
50) Toluene-d8	10.103	98	624523	57.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.240%	
62) 4-Bromofluorobenzene	12.402	95	202929	48.268	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.540%	

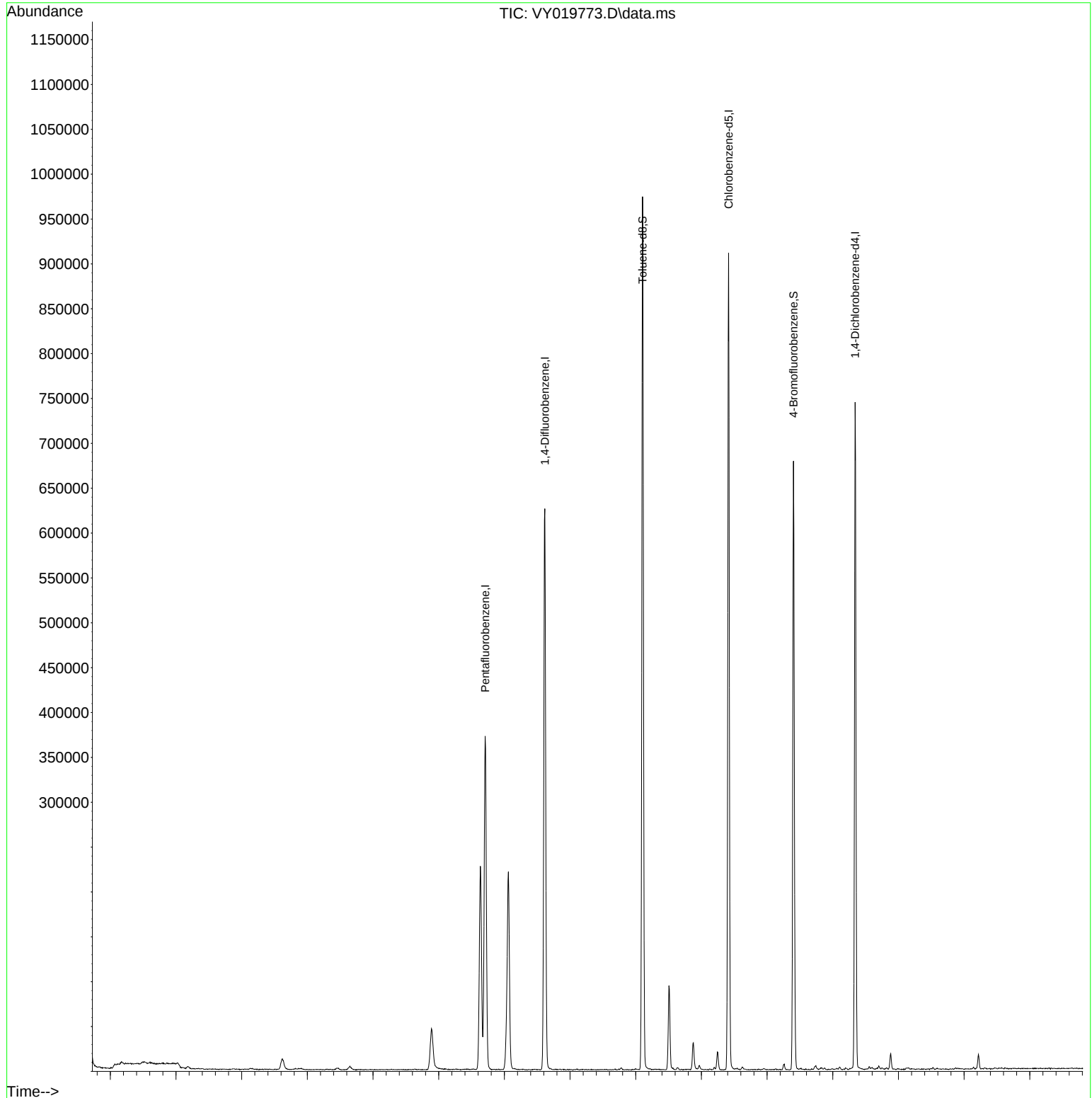
Target Compounds Qvalue

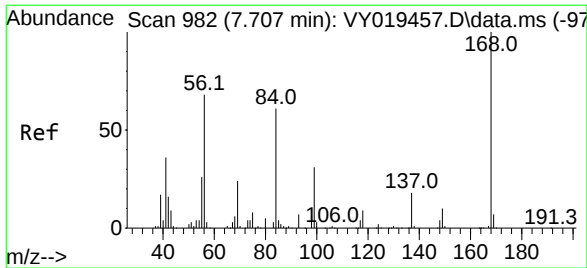
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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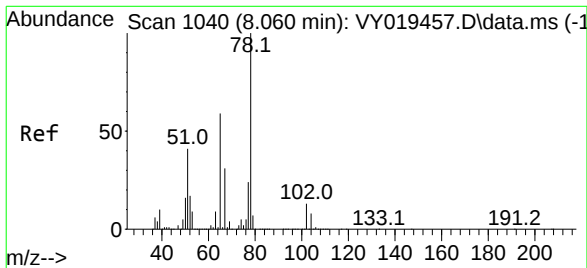
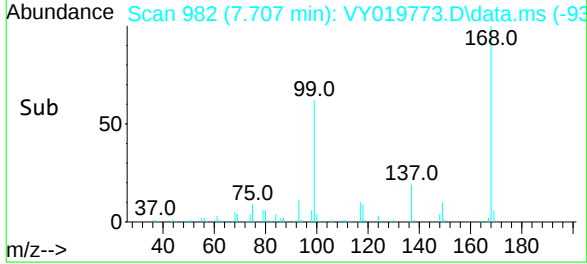
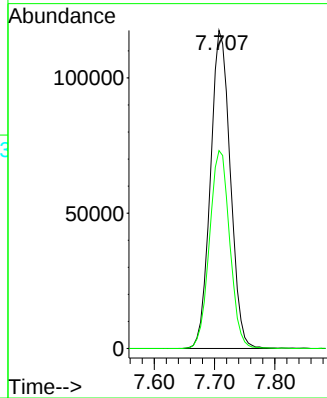
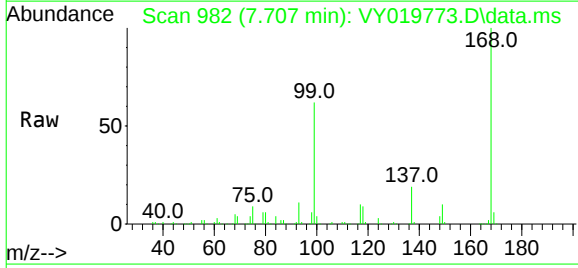




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

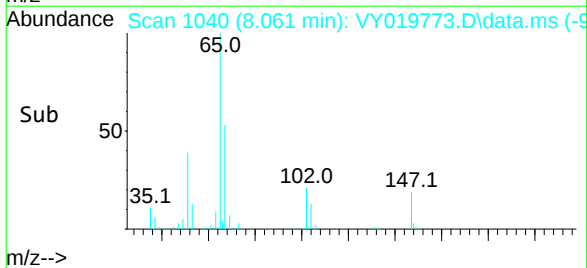
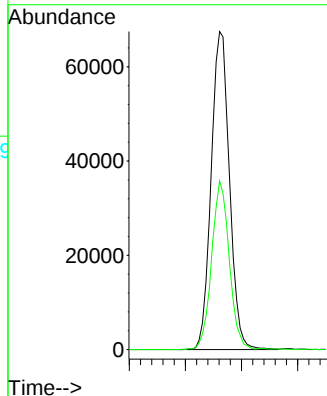
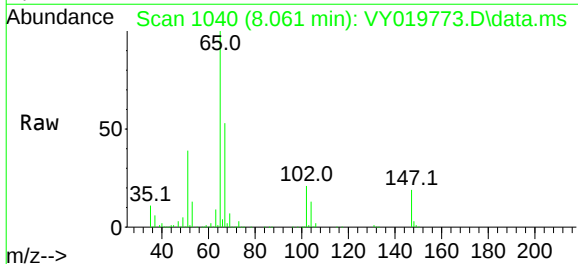
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

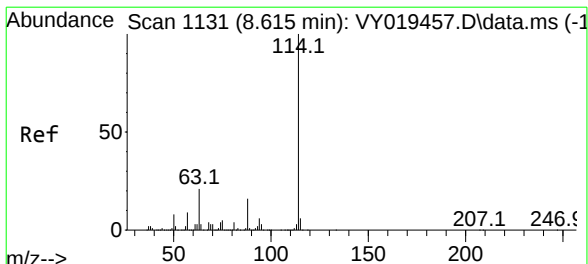
Tgt Ion:168 Resp: 269385
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.242 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion: 65 Resp: 152764
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

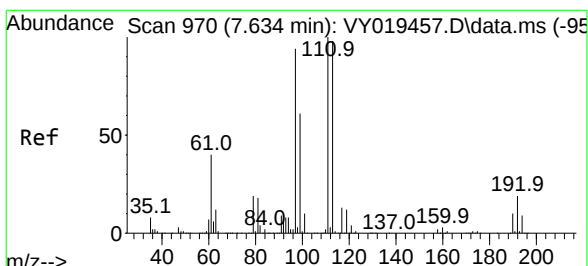
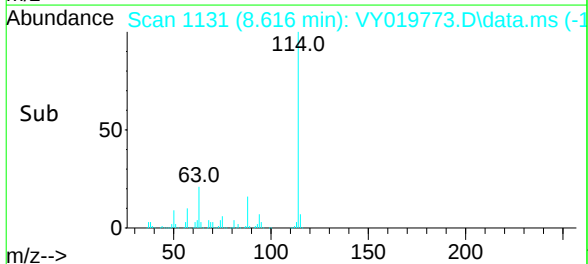
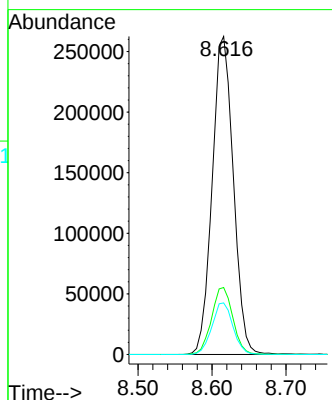
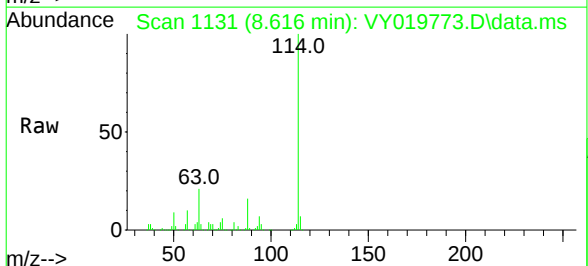




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

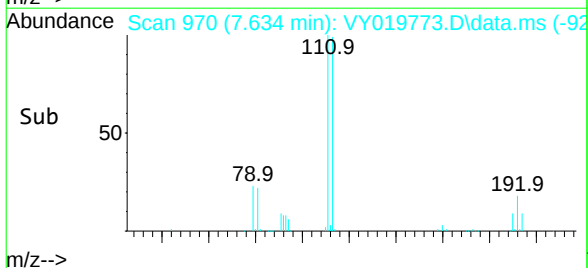
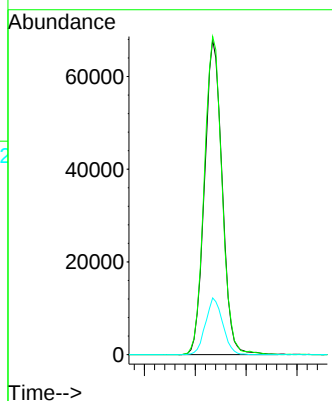
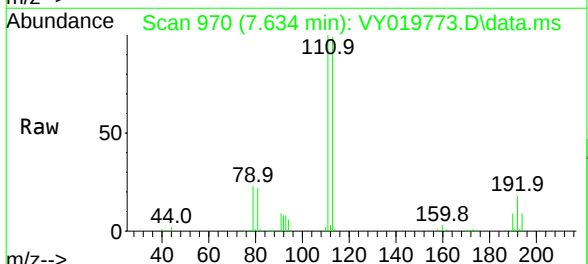
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

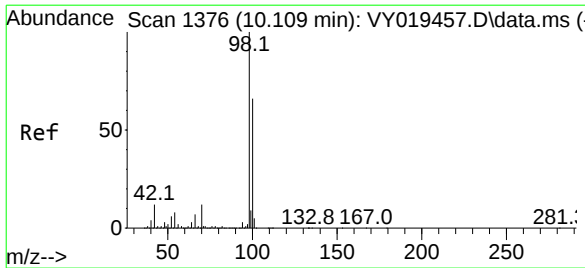
Tgt Ion:	114	Resp:	521382
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	35.0
88	16.2	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.287 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019773.D
Acq: 02 Oct 2024 18:29

Tgt Ion:	113	Resp:	163436
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.5	15.9	23.9





#50

Toluene-d8

Concen: 57.117 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019773.D

Acq: 02 Oct 2024 18:29

Instrument :

MSVOA_Y

ClientSampleId :

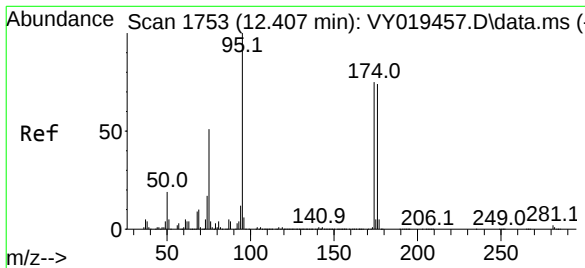
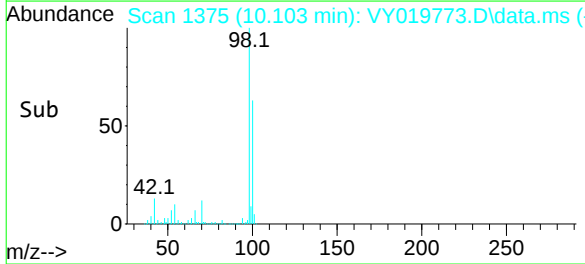
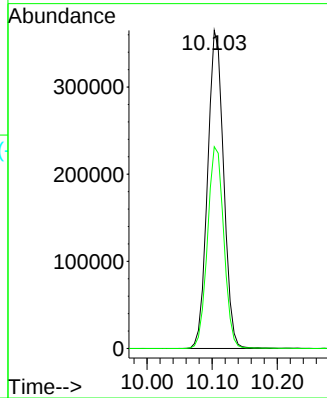
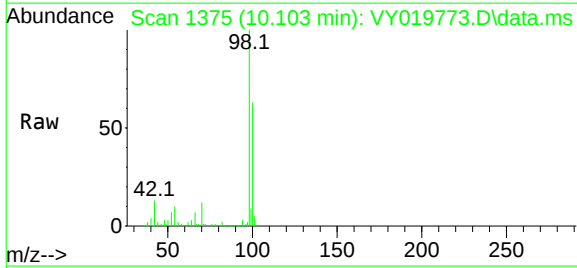
VIBLK

Tgt Ion: 98 Resp: 624523

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.268 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019773.D

Acq: 02 Oct 2024 18:29

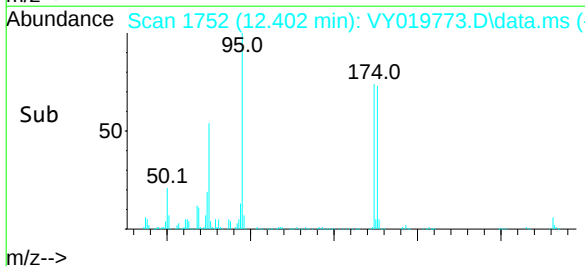
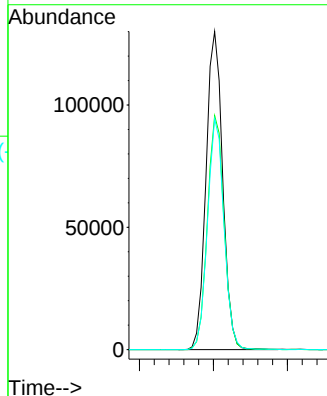
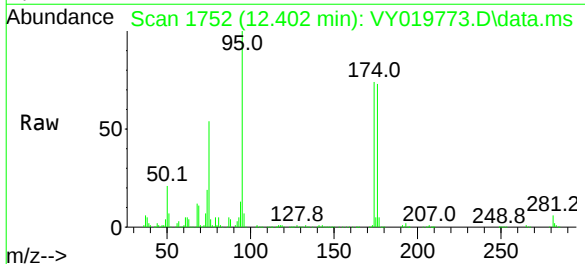
Tgt Ion: 95 Resp: 202929

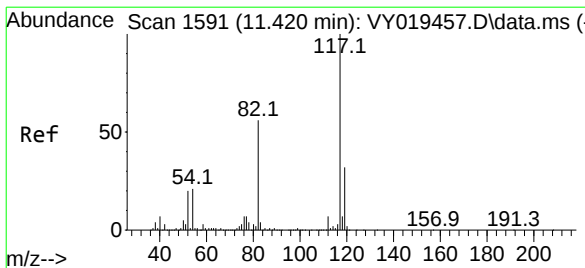
Ion Ratio Lower Upper

95 100

174 73.5 0.0 175.6

176 71.9 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: VY019773.D

Acq: 02 Oct 2024 18:29

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

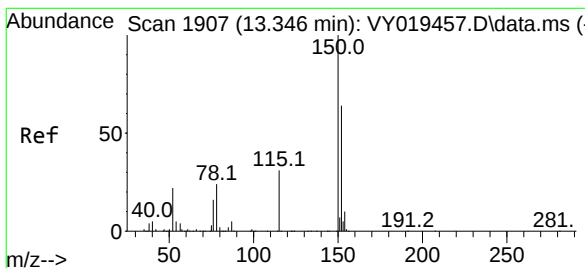
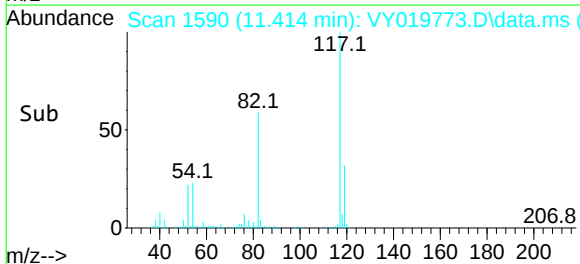
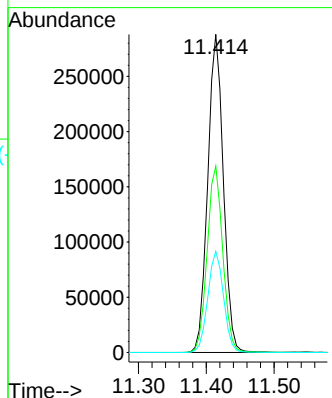
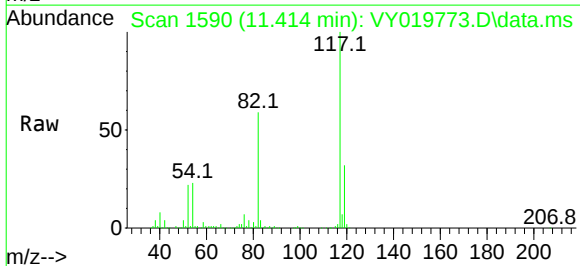
Tgt Ion:117 Resp: 460782

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 31.8 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: VY019773.D

Acq: 02 Oct 2024 18:29

Tgt Ion:152 Resp: 174782

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.9 0.0 345.6

