

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019529.D
 Acq On : 12 Sep 2024 15:47
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 13 01:32:01 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	372439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	712558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	638348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	254254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	210608	61.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.140%
35) Dibromofluoromethane	7.628	113	223981	55.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.880%
50) Toluene-d8	10.103	98	845737	56.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.200%
62) 4-Bromofluorobenzene	12.401	95	284778	49.563	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.120%

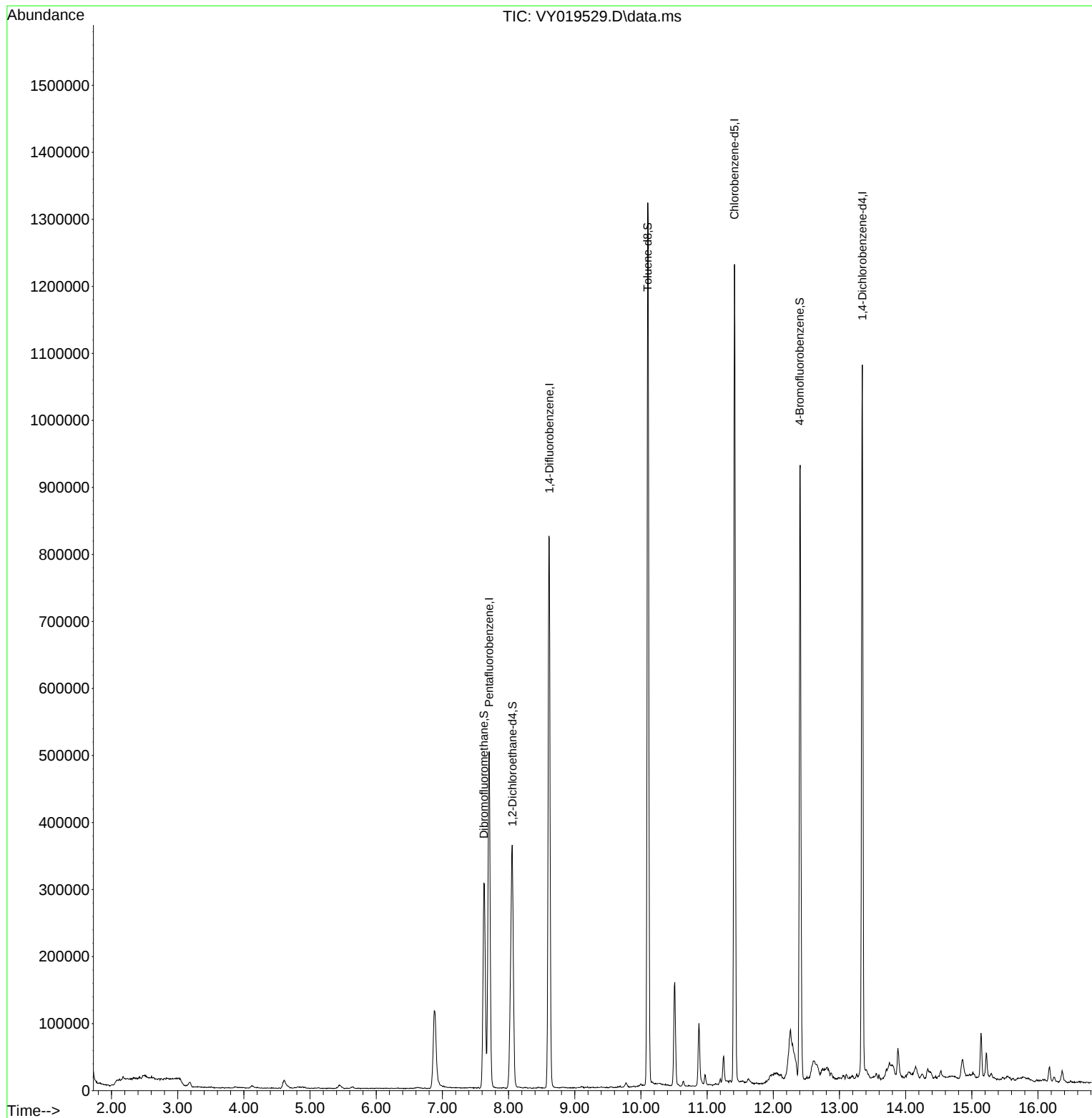
Target Compounds	Qvalue

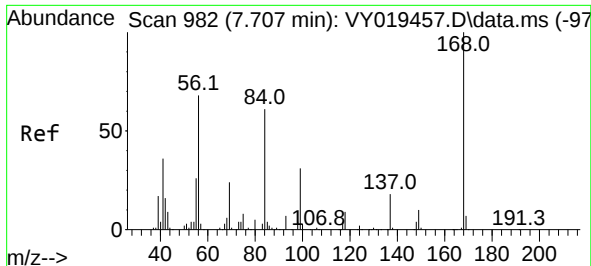
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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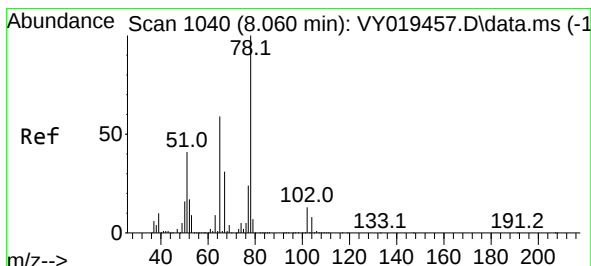
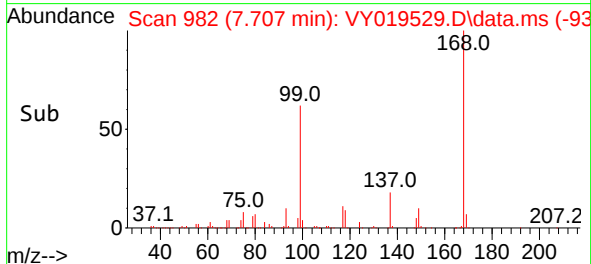
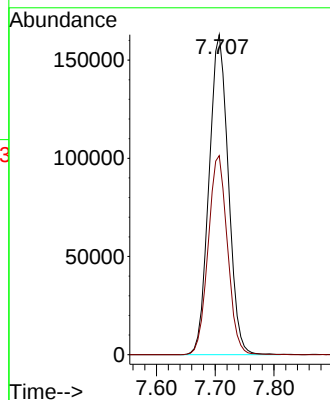
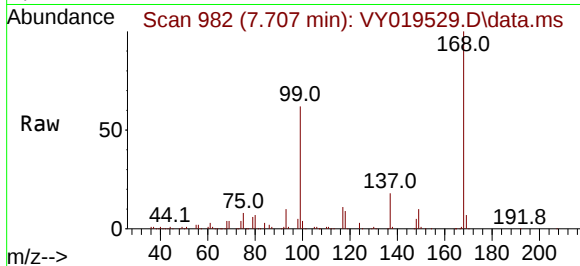




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019529.D
Acq: 12 Sep 2024 15:47

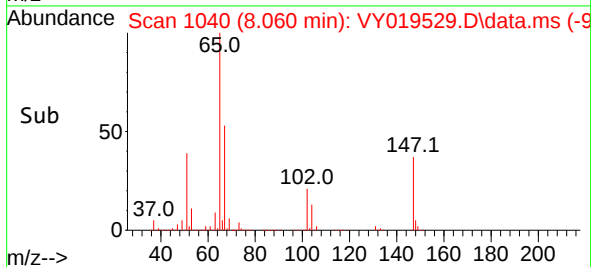
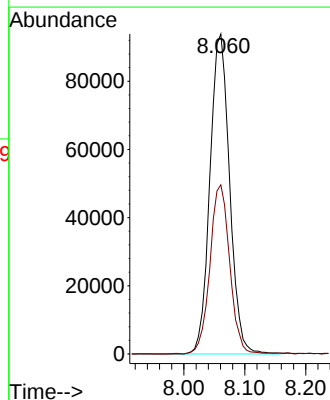
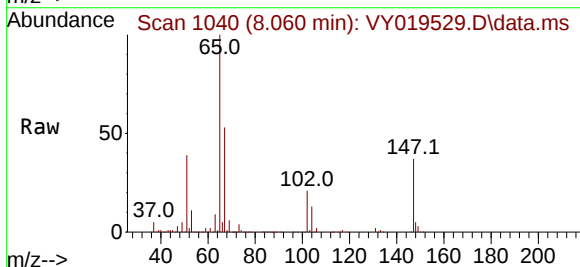
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 372439
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.069 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019529.D
Acq: 12 Sep 2024 15:47

Tgt Ion: 65 Resp: 210608
Ion Ratio Lower Upper
65 100
67 53.1 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: VY019529.D

Acq: 12 Sep 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

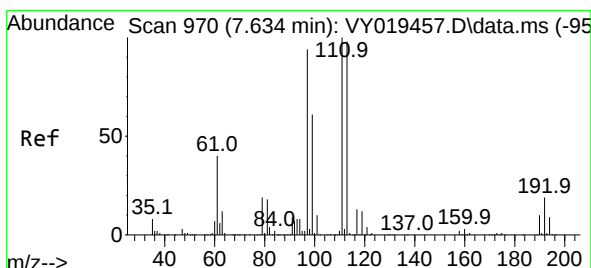
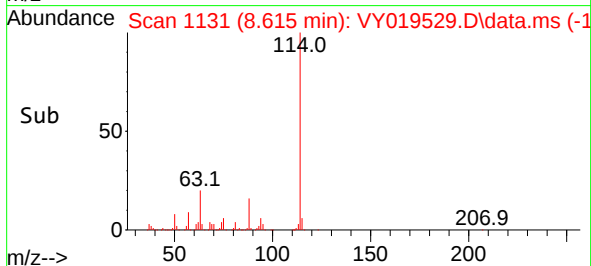
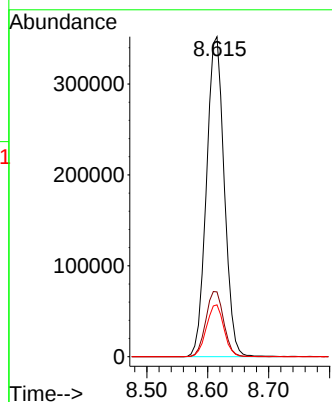
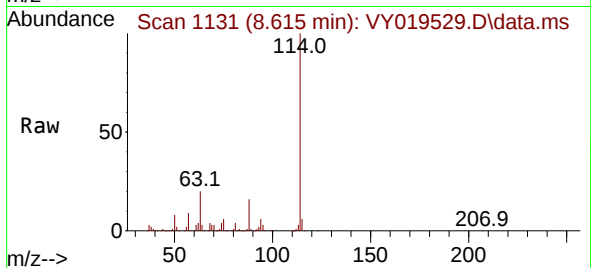
Tgt Ion:114 Resp: 712558

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

88 16.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.440 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019529.D

Acq: 12 Sep 2024 15:47

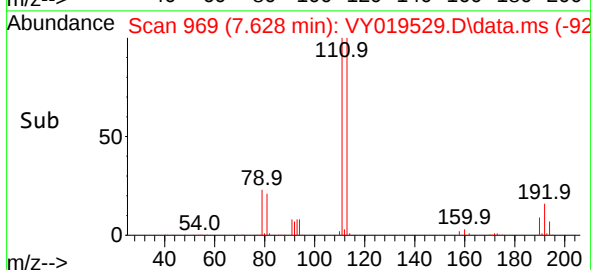
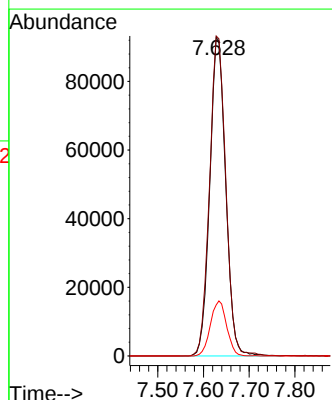
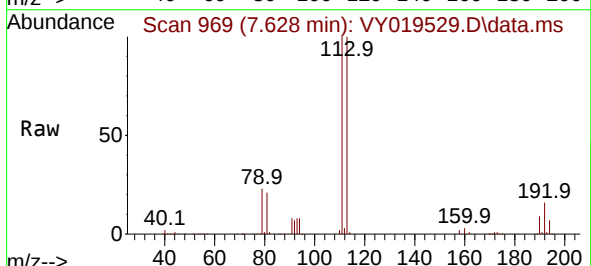
Tgt Ion:113 Resp: 223981

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.7 15.9 23.9

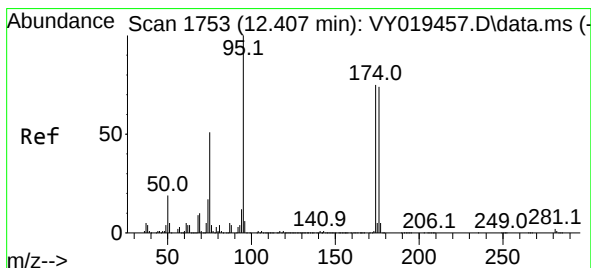
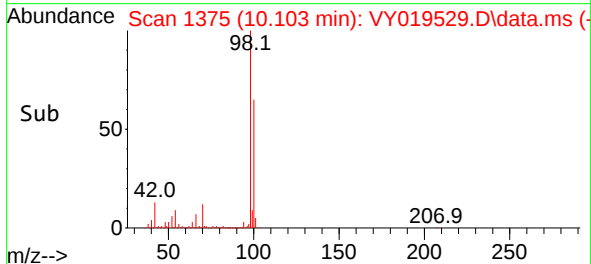
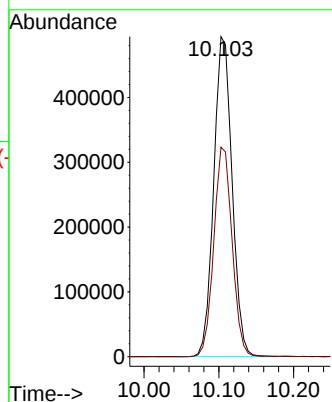
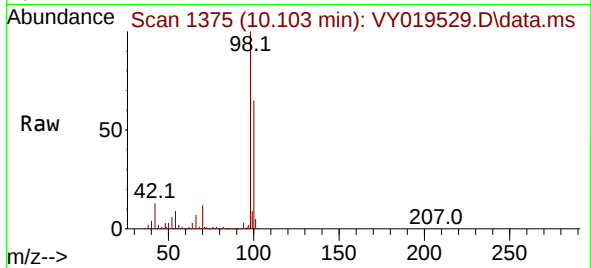




#50
Toluene-d8
Concen: 56.596 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019529.D
Acq: 12 Sep 2024 15:47

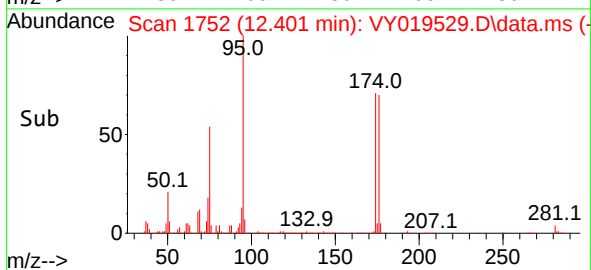
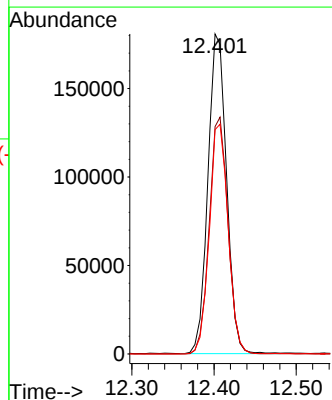
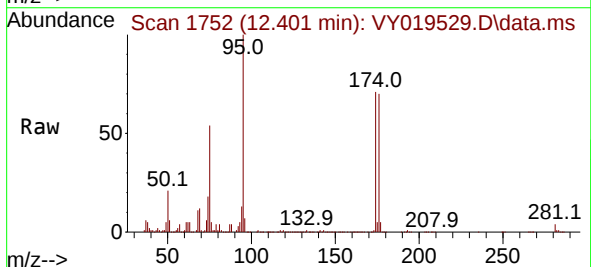
Instrument :
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VIBLK

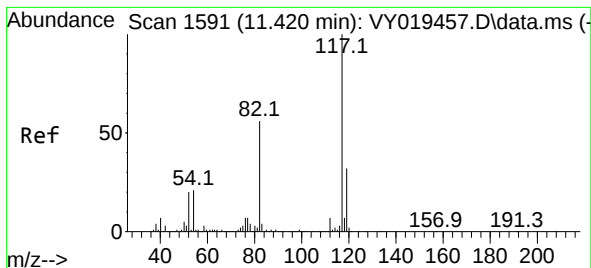
Tgt Ion: 98 Resp: 845737
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.563 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019529.D
Acq: 12 Sep 2024 15:47

Tgt Ion: 95 Resp: 284778
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 72.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019529.D

Acq: 12 Sep 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

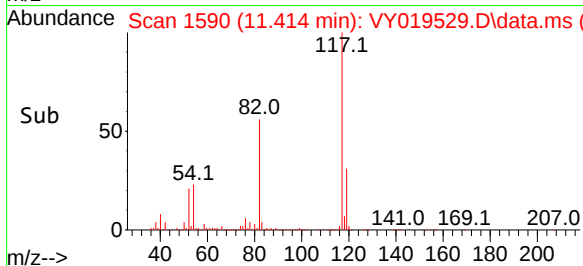
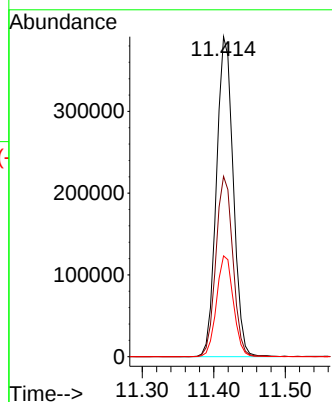
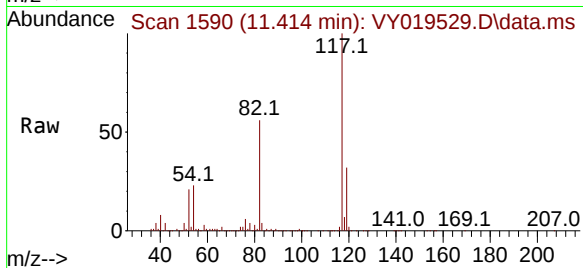
Tgt Ion:117 Resp: 638348

Ion Ratio Lower Upper

117 100

82 56.3 42.4 63.6

119 31.5 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: VY019529.D

Acq: 12 Sep 2024 15:47

Tgt Ion:152 Resp: 254254

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 155.3 0.0 345.6

