

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019563.D
 Acq On : 16 Sep 2024 13:56
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 02:13:52 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	384104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	723182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	629263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	234395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203935	57.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.680%
35) Dibromofluoromethane	7.634	113	223460	54.498	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.103	98	847205	55.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.720%
62) 4-Bromofluorobenzene	12.408	95	273268	46.861	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.720%

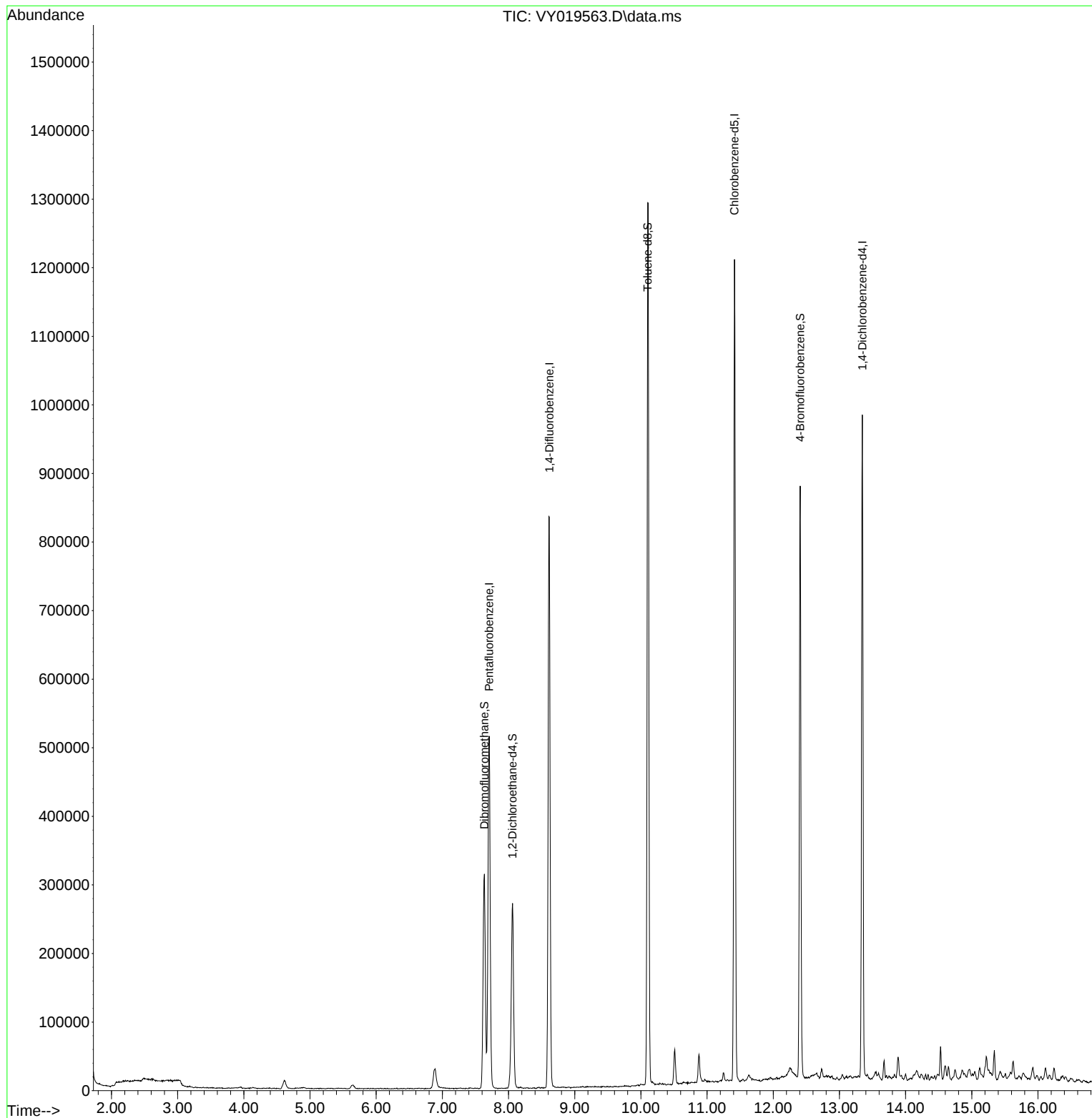
Target Compounds	Qvalue

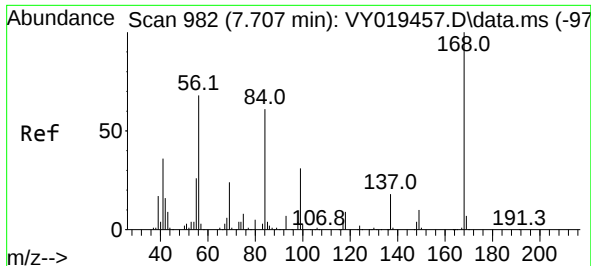
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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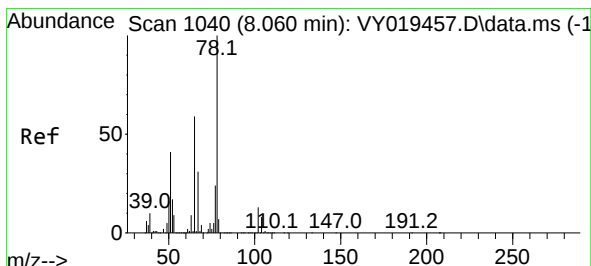
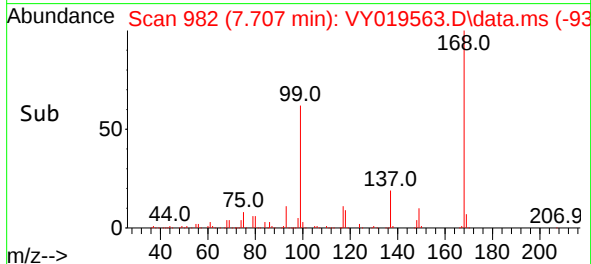
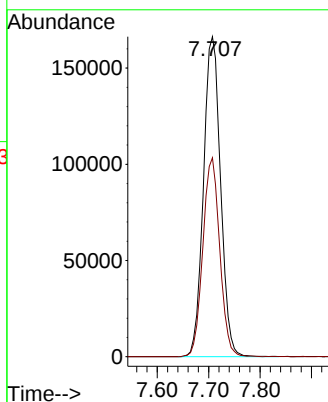
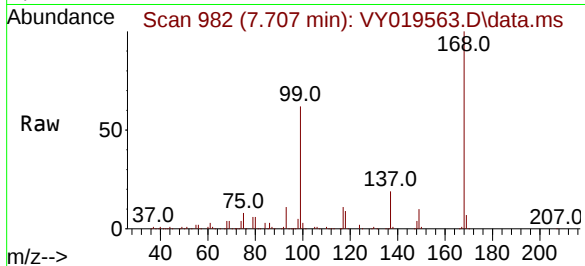




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

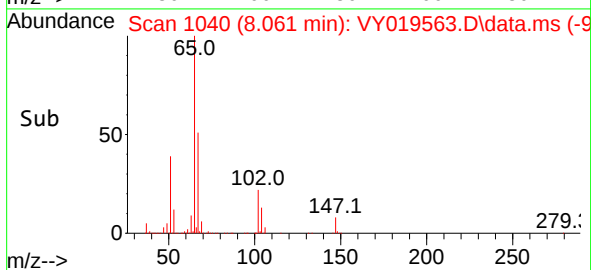
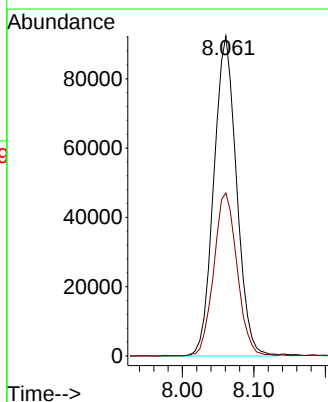
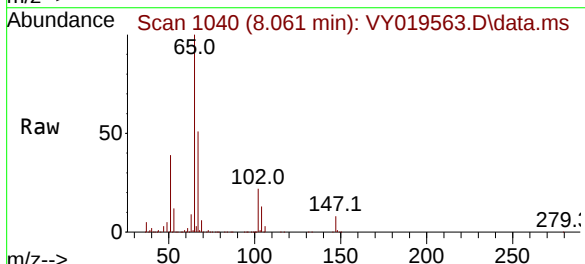
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 384104
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.338 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 65 Resp: 203935
Ion Ratio Lower Upper
65 100
67 52.1 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: VY019563.D

Acq: 16 Sep 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

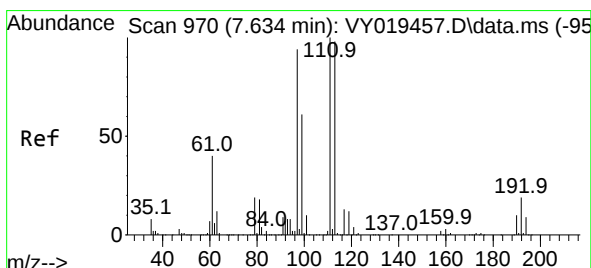
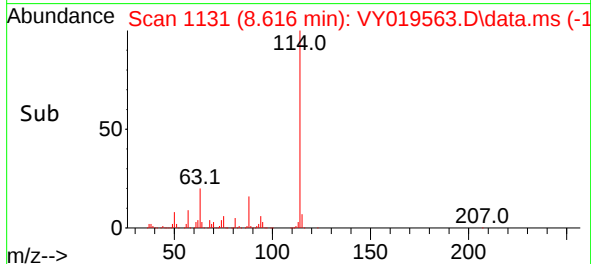
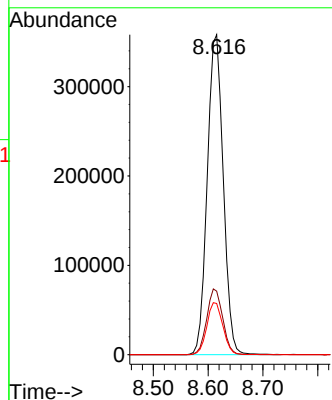
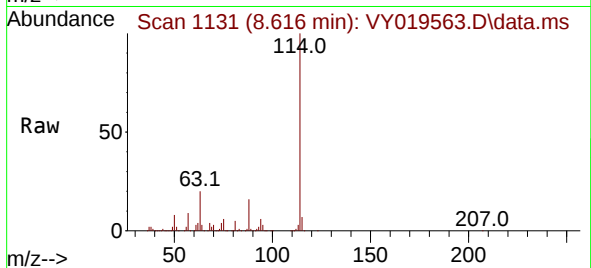
Tgt Ion:114 Resp: 723182

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.498 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019563.D

Acq: 16 Sep 2024 13:56

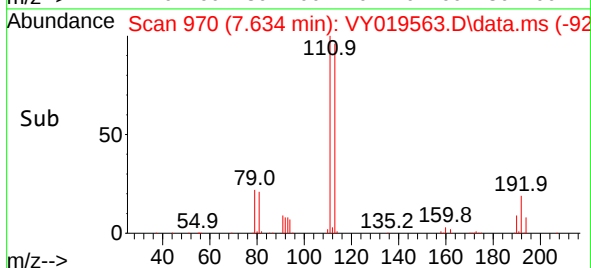
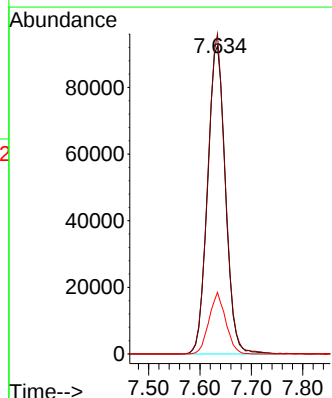
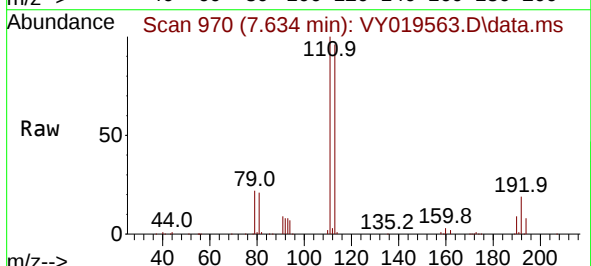
Tgt Ion:113 Resp: 223460

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 18.6 15.9 23.9

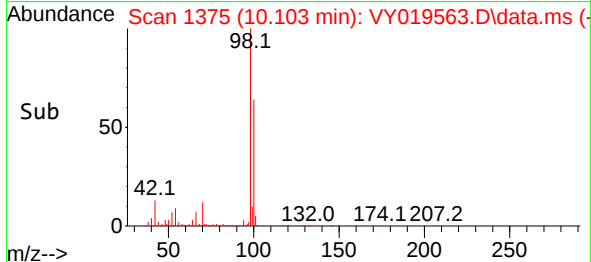
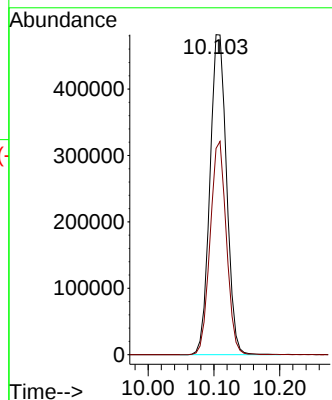
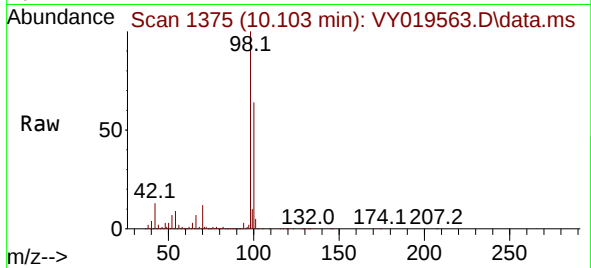




#50
Toluene-d8
Concen: 55.862 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

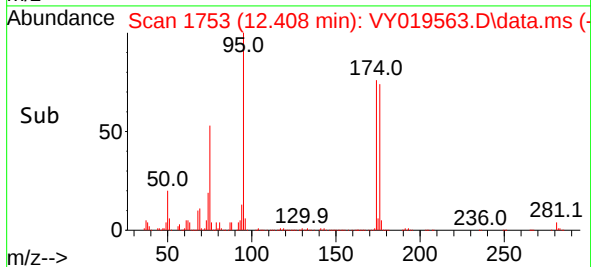
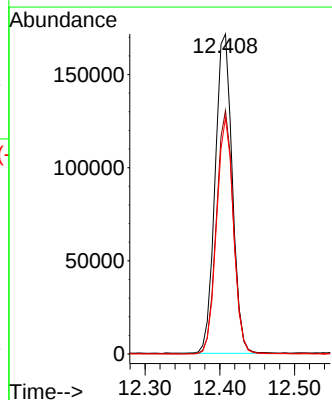
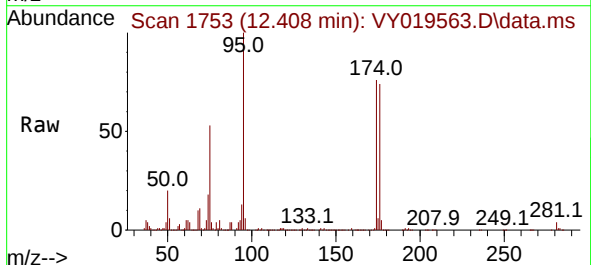
Instrument :
MSVOA_Y
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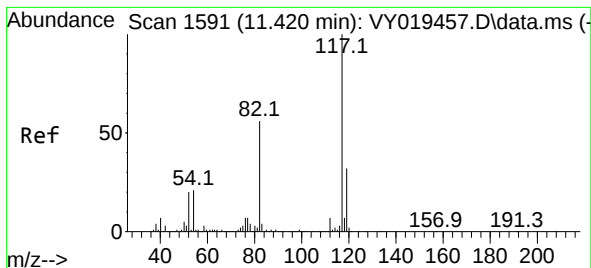
Tgt Ion: 98 Resp: 847205
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019563.D
Acq: 16 Sep 2024 13:56

Tgt Ion: 95 Resp: 273268
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 72.7 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: VY019563.D

Acq: 16 Sep 2024 13:56

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

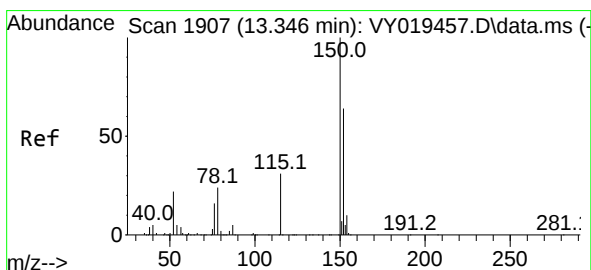
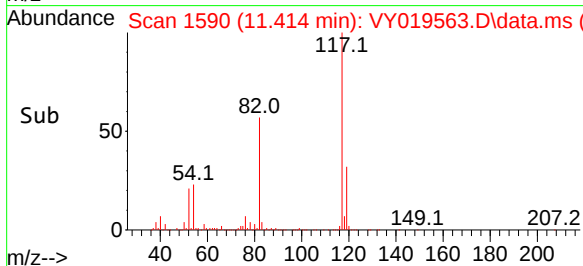
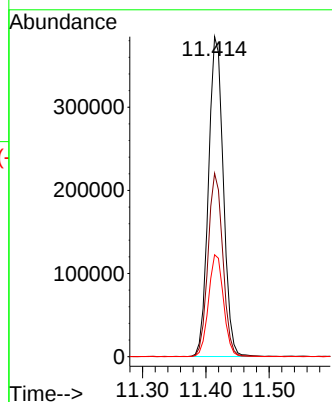
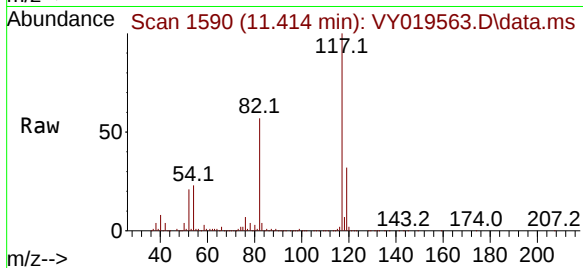
Tgt Ion:117 Resp: 629263

Ion Ratio Lower Upper

117 100

82 57.3 42.4 63.6

119 31.8 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: VY019563.D

Acq: 16 Sep 2024 13:56

Tgt Ion:152 Resp: 234395

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 158.2 0.0 345.6

