

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019606.D
 Acq On : 18 Sep 2024 15:21
 Operator : SY/MD
 Sample : P4098-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091724

Quant Time: Sep 19 01:25:51 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	316894	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	613863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	549354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	209351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199160	67.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.740%
35) Dibromofluoromethane	7.634	113	197865	56.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.700%
50) Toluene-d8	10.103	98	736801	57.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.460%
62) 4-Bromofluorobenzene	12.408	95	238629	48.208	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.420%

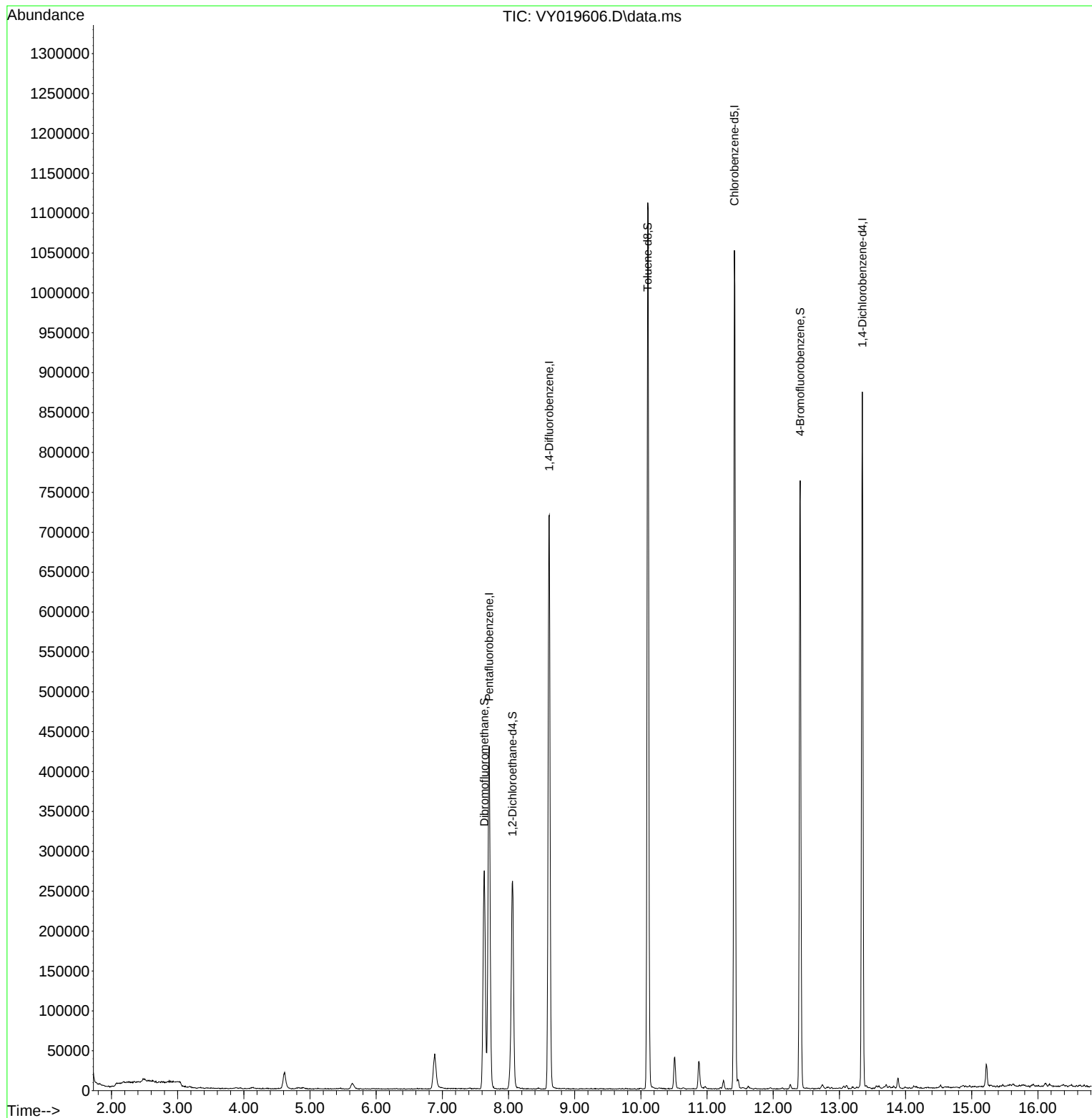
Target Compounds	Qvalue

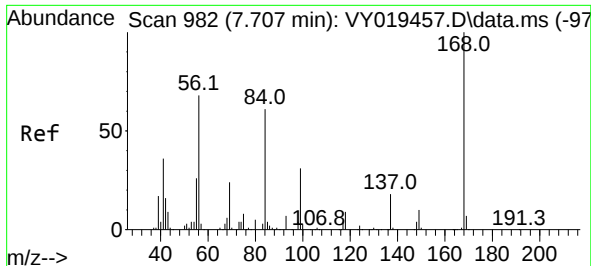
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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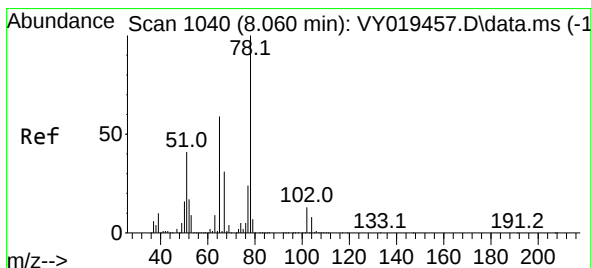
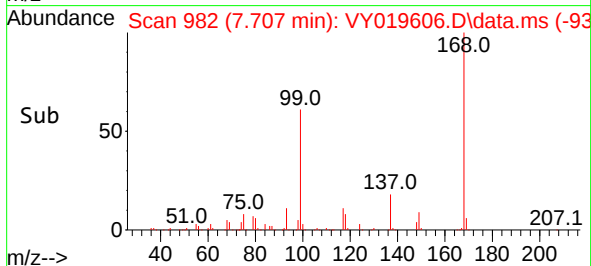
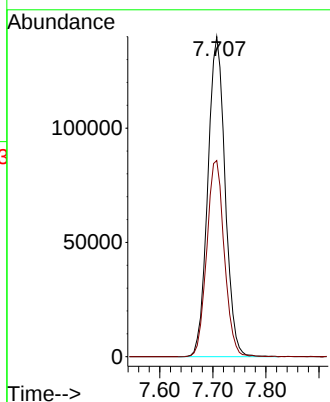
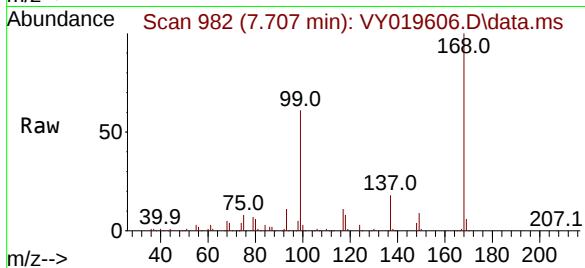




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019606.D
Acq: 18 Sep 2024 15:21

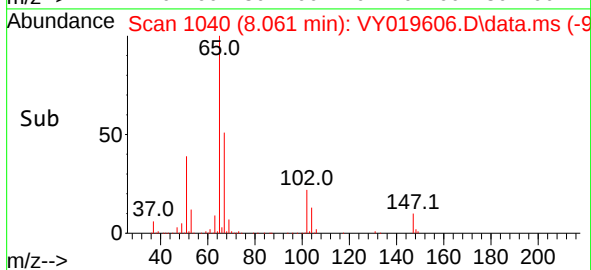
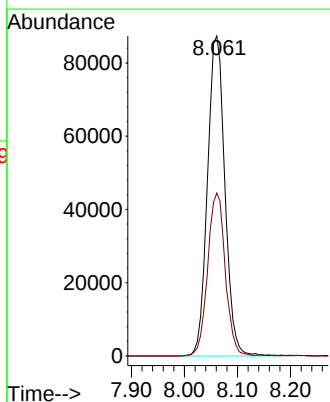
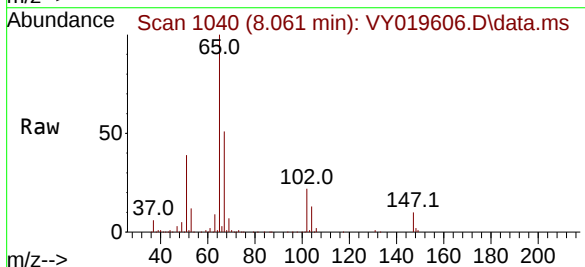
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091724

Tgt Ion:168 Resp: 316894
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 67.872 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019606.D
Acq: 18 Sep 2024 15:21

Tgt Ion: 65 Resp: 199160
Ion Ratio Lower Upper
65 100
67 51.5 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: VY019606.D

Acq: 18 Sep 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-091724

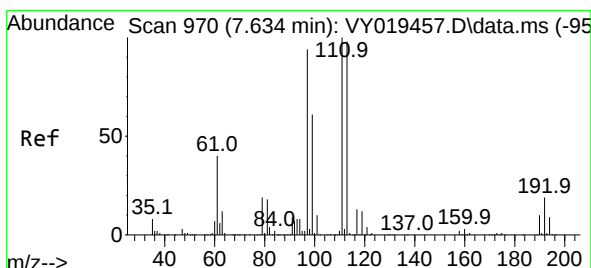
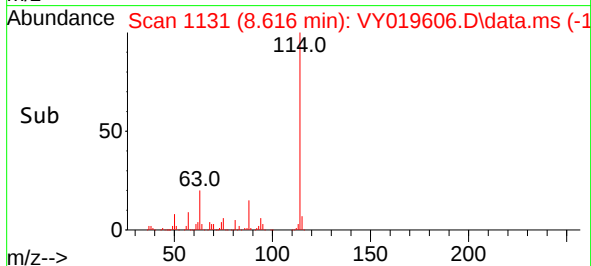
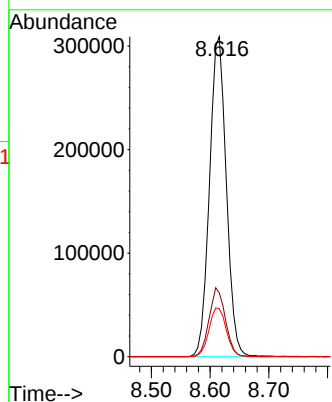
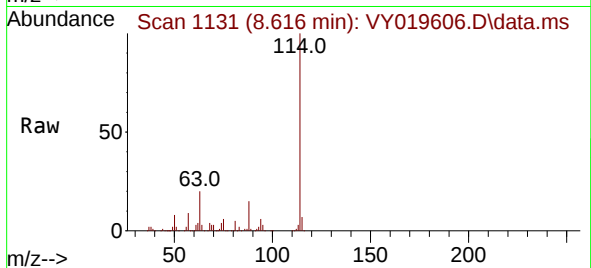
Tgt Ion:114 Resp: 613863

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.850 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019606.D

Acq: 18 Sep 2024 15:21

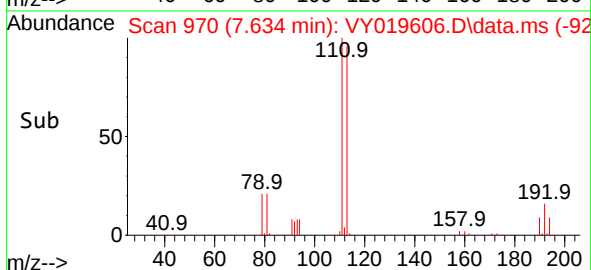
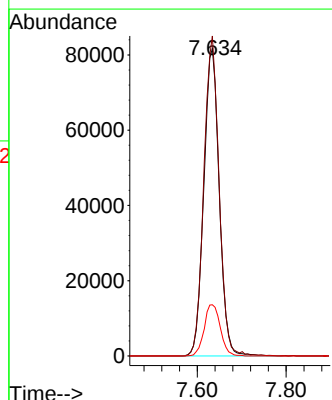
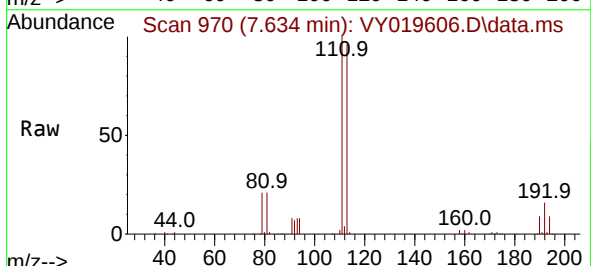
Tgt Ion:113 Resp: 197865

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 17.5 15.9 23.9

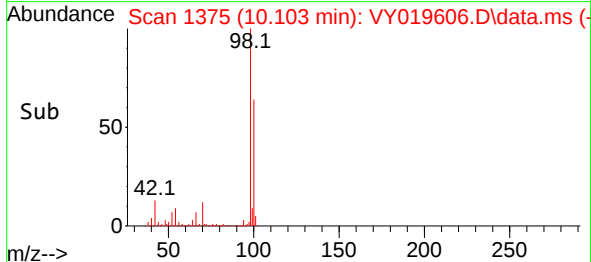
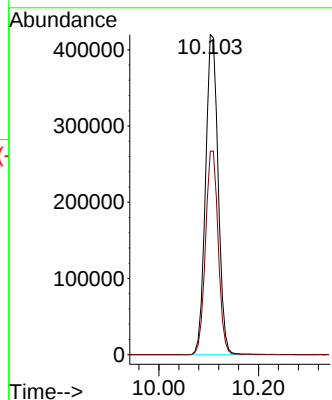
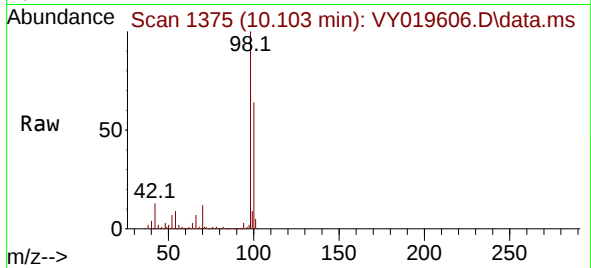




#50
Toluene-d8
Concen: 57.234 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019606.D
Acq: 18 Sep 2024 15:21

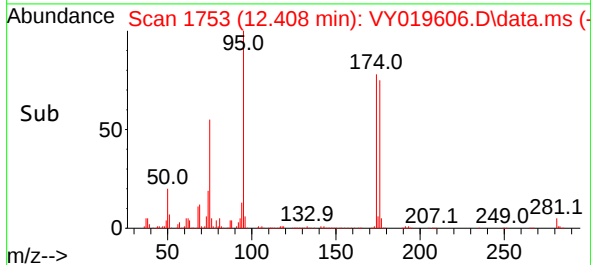
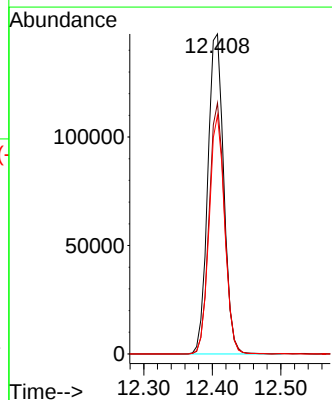
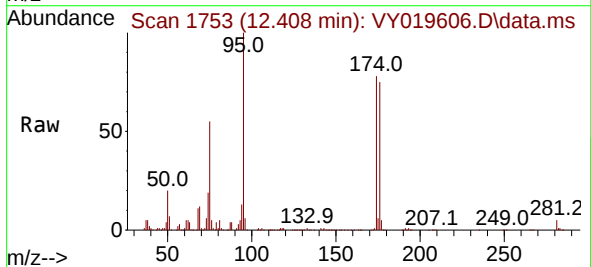
Instrument :
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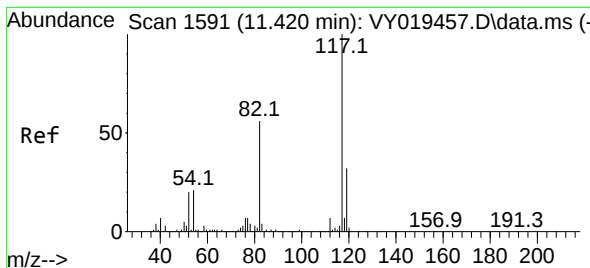
Tgt Ion: 98 Resp: 736801
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.208 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019606.D
Acq: 18 Sep 2024 15:21

Tgt Ion: 95 Resp: 238629
Ion Ratio Lower Upper
95 100
174 76.3 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: VY019606.D

Acq: 18 Sep 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-091724

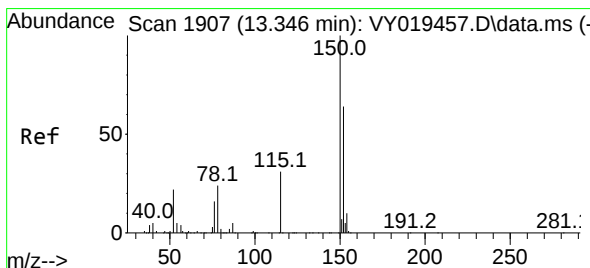
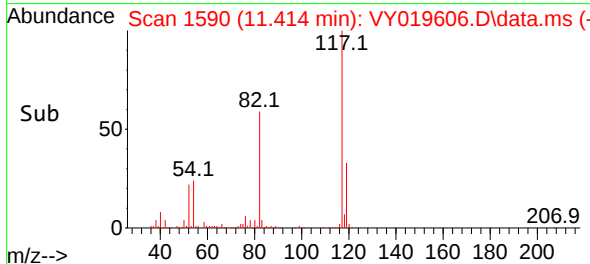
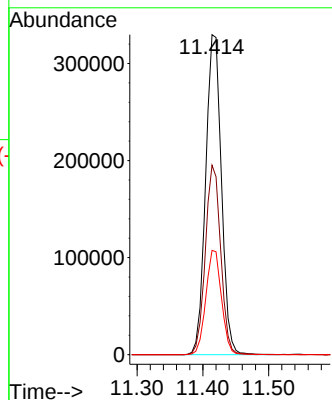
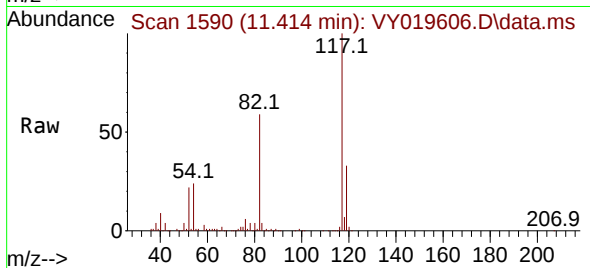
Tgt Ion:117 Resp: 549354

Ion Ratio Lower Upper

117 100

82 59.2 42.4 63.6

119 32.6 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: VY019606.D

Acq: 18 Sep 2024 15:21

Tgt Ion:152 Resp: 209351

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 158.5 0.0 345.6

