

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019646.D
 Acq On : 20 Sep 2024 15:23
 Operator : SY/MD
 Sample : P4103-13
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-7.5-10B

Quant Time: Sep 20 23:50:34 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	7.701	168	4919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	7998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	2546	55.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.800%
35) Dibromofluoromethane	7.628	113	2266	49.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.103	98	7940	47.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.408	95	1002	15.537	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	31.080%

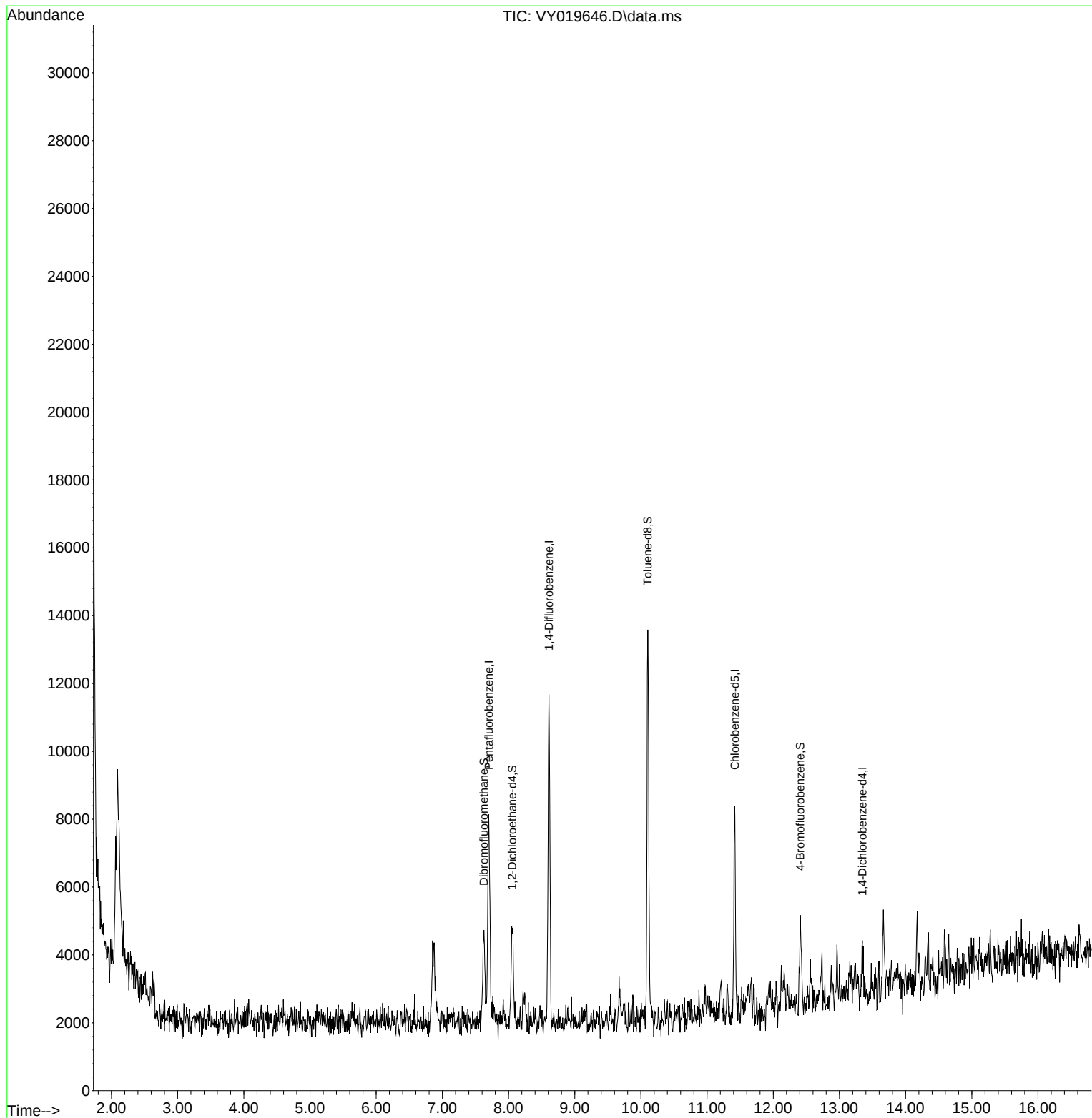
Target Compounds	Qvalue

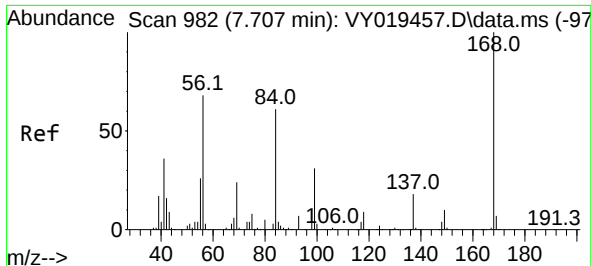
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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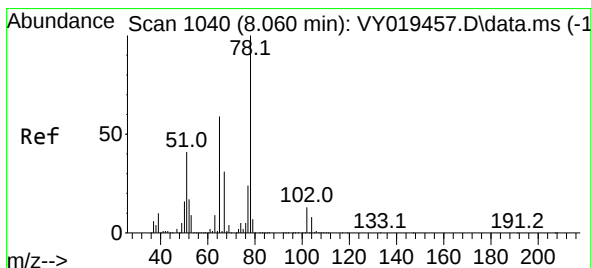
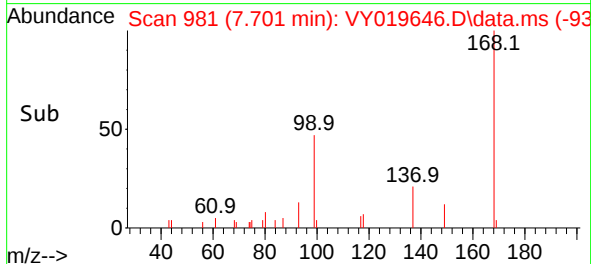
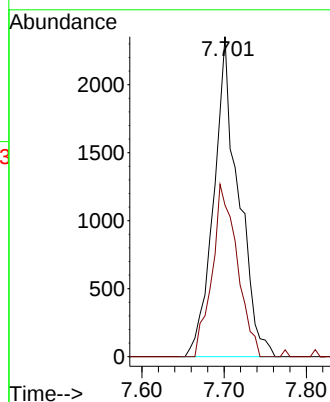
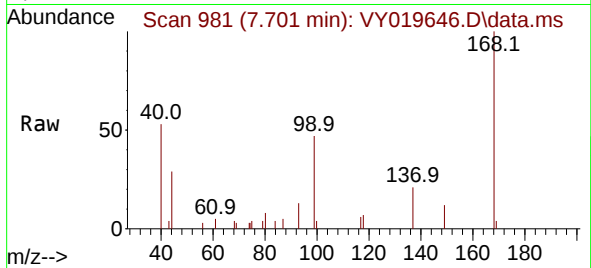




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019646.D
Acq: 20 Sep 2024 15:23

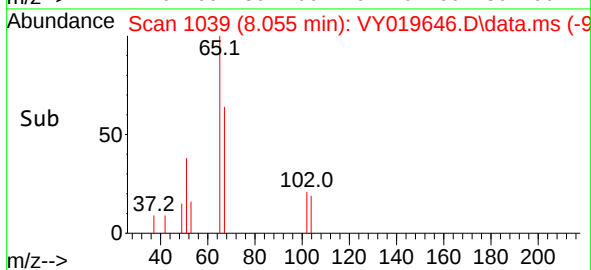
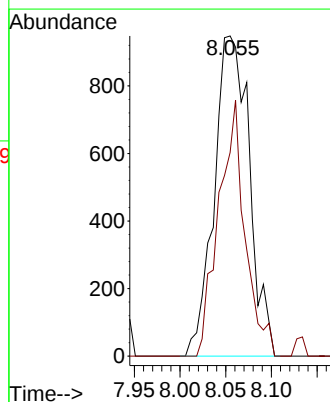
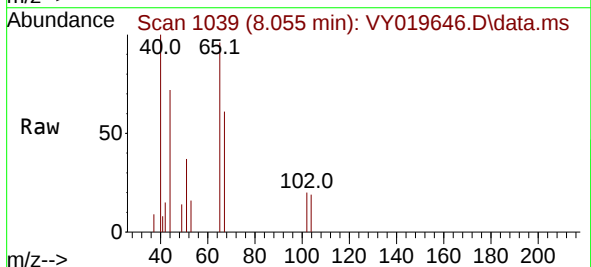
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:168 Resp: 4919
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.896 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019646.D
Acq: 20 Sep 2024 15:23

Tgt Ion: 65 Resp: 2546
Ion Ratio Lower Upper
65 100
67 59.7 0.0 109.6

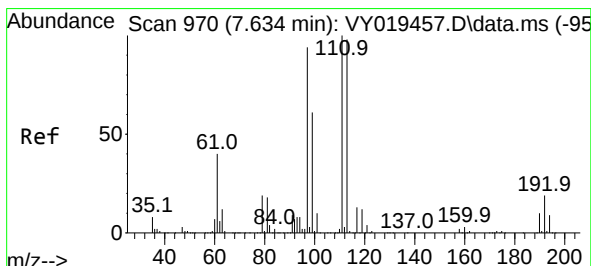
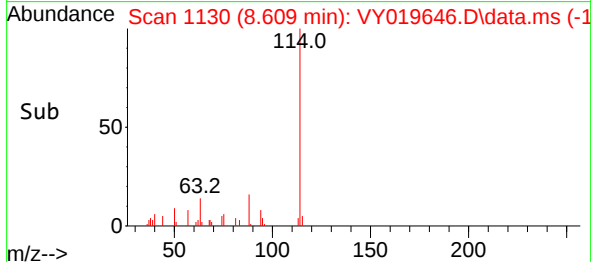
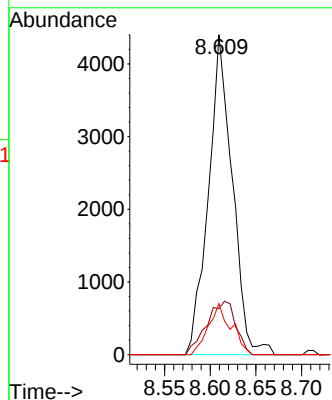
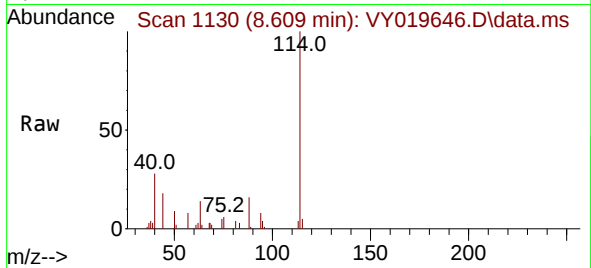




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019646.D
Acq: 20 Sep 2024 15:23

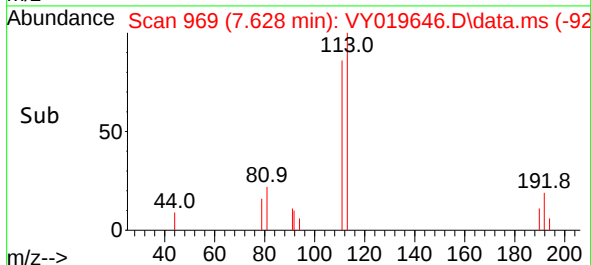
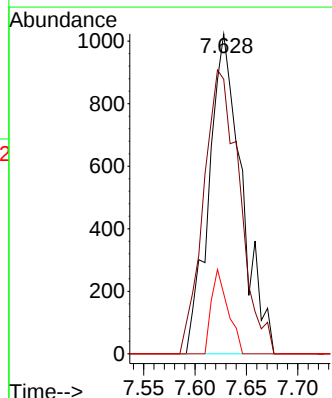
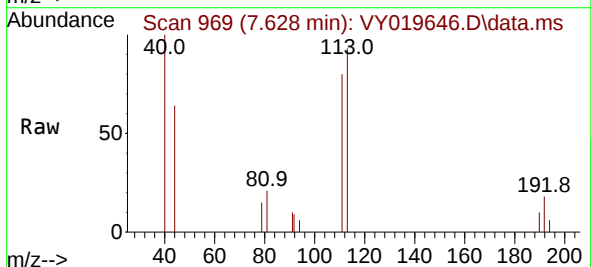
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

Tgt Ion:	114	Resp:	7998
Ion Ratio	Lower	Upper	
114	100		
63	14.4	0.0	35.0
88	16.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 49.970 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019646.D
Acq: 20 Sep 2024 15:23

Tgt Ion:	113	Resp:	2266
Ion Ratio	Lower	Upper	
113	100		
111	97.6	82.2	123.4
192	13.3	15.9	23.9

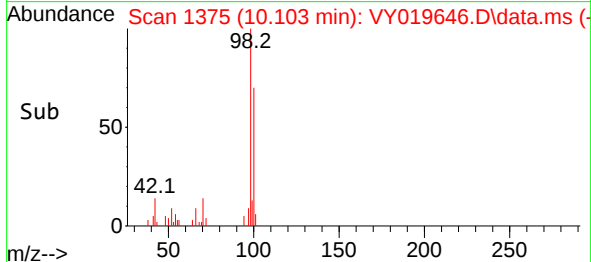
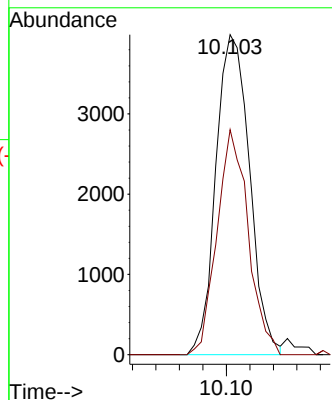
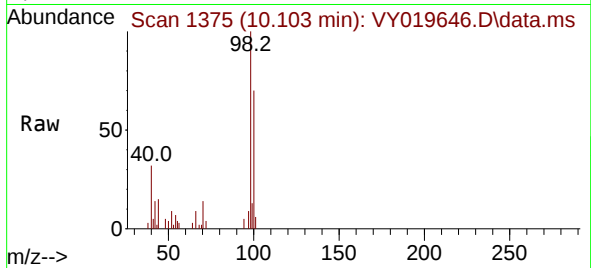




#50
Toluene-d8
Concen: 47.338 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019646.D
Acq: 20 Sep 2024 15:23

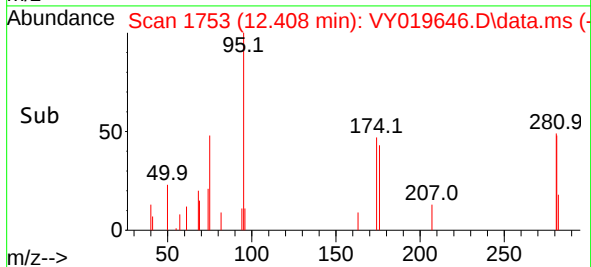
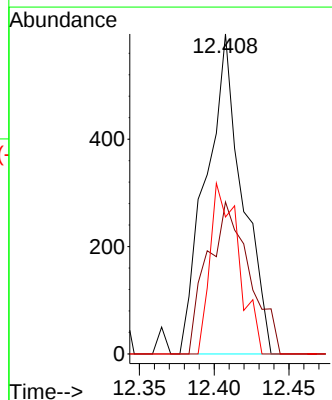
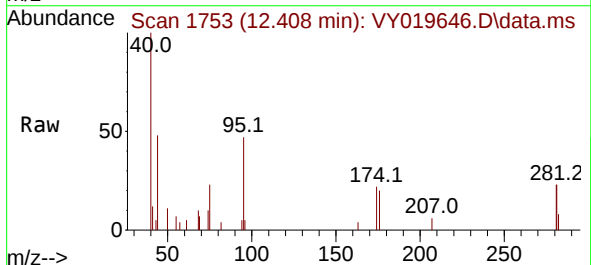
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-7.5-10B

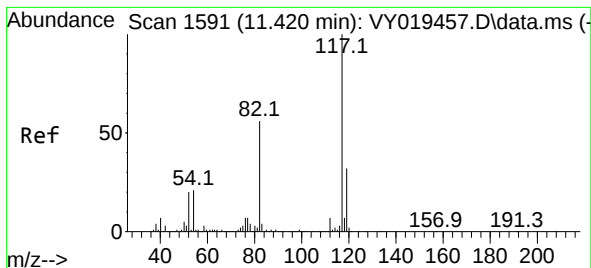
Tgt Ion: 98 Resp: 7940
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 15.537 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019646.D
Acq: 20 Sep 2024 15:23

Tgt Ion: 95 Resp: 1002
Ion Ratio Lower Upper
95 100
174 55.1 0.0 175.6
176 42.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019646.D

Acq: 20 Sep 2024 15:23

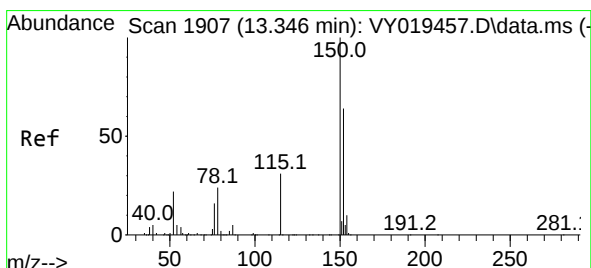
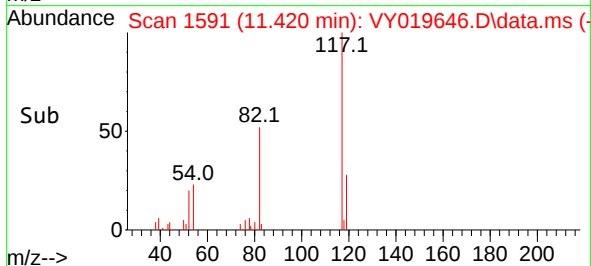
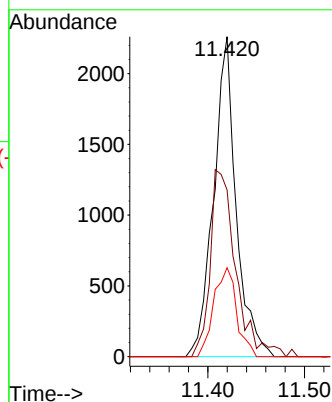
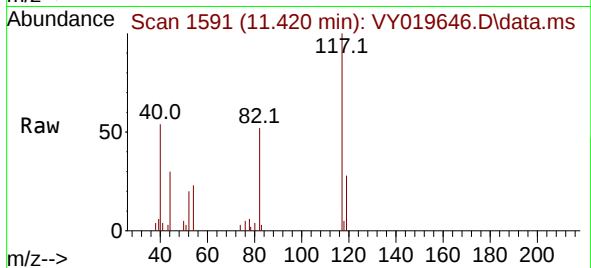
Instrument :

MSVOA_Y

ClientSampleId :

WC-14-7.5-10B

Tgt Ion:	117	Resp:	3647
Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.4	63.6
119	27.8	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: VY019646.D

Acq: 20 Sep 2024 15:23

Tgt Ion:	152	Resp:	502
Ion	Ratio	Lower	Upper
152	100		
115	60.2	28.2	84.7
150	139.6	0.0	345.6

