

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019668.D
 Acq On : 23 Sep 2024 15:38
 Operator : SY/MD
 Sample : P4142-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-09202024

Quant Time: Sep 24 01:46:26 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	7639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	13204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	8799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4243	59.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.960%
35) Dibromofluoromethane	7.634	113	3496	46.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.400%
50) Toluene-d8	10.103	98	14274	51.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.401	95	2423	22.757	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	45.520%

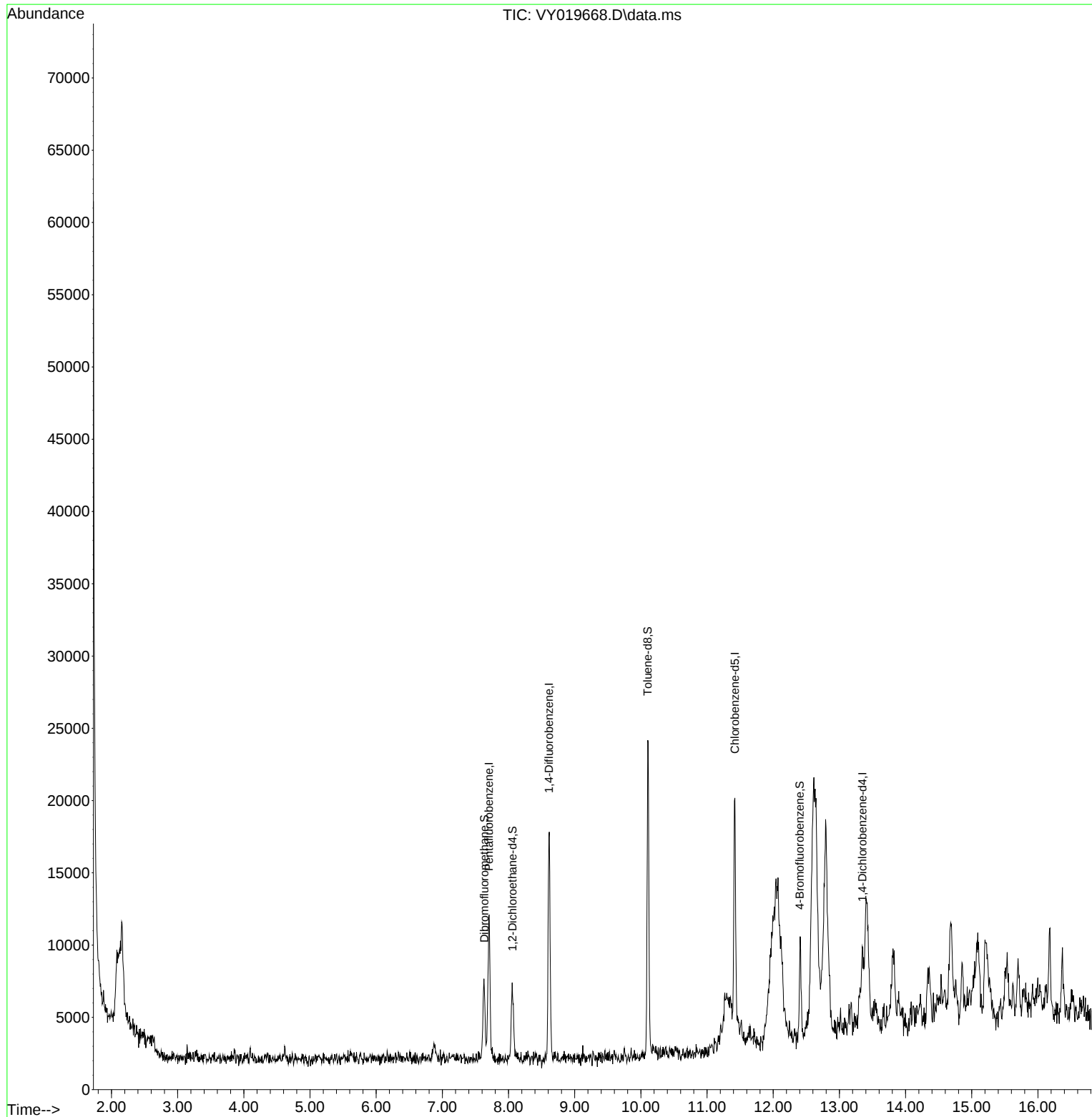
Target Compounds	Qvalue

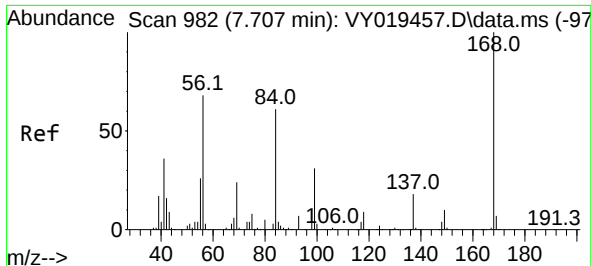
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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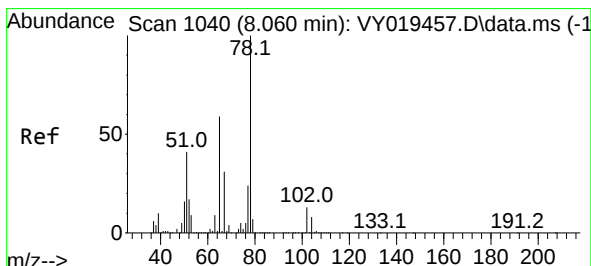
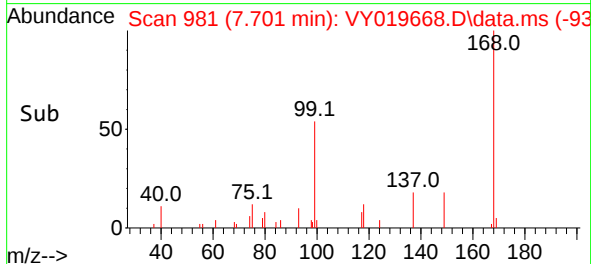
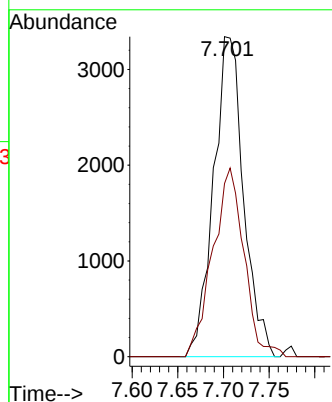
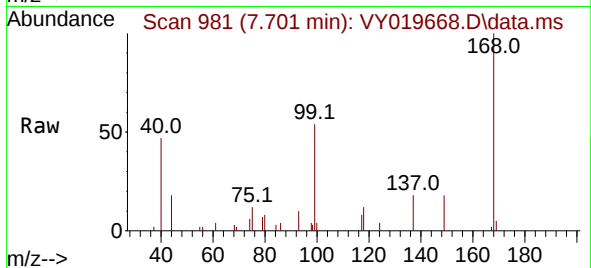




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019668.D
Acq: 23 Sep 2024 15:38

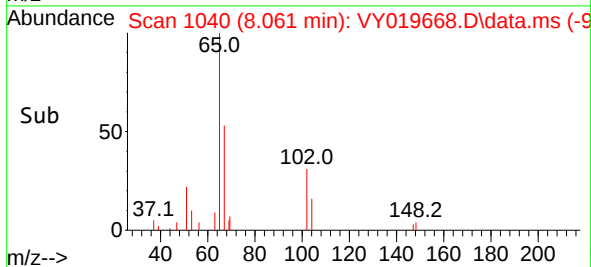
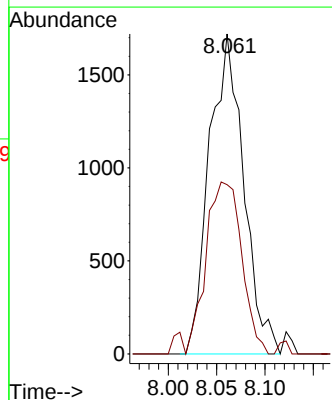
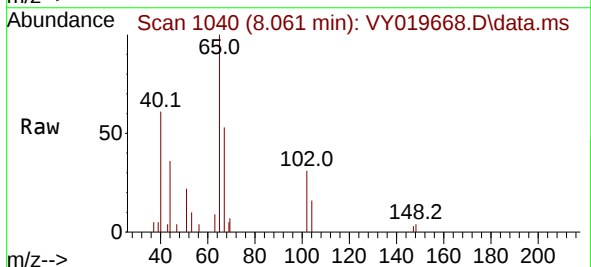
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-09202024

Tgt Ion:168 Resp: 7639
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.984 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019668.D
Acq: 23 Sep 2024 15:38

Tgt Ion: 65 Resp: 4243
Ion Ratio Lower Upper
65 100
67 57.7 0.0 109.6

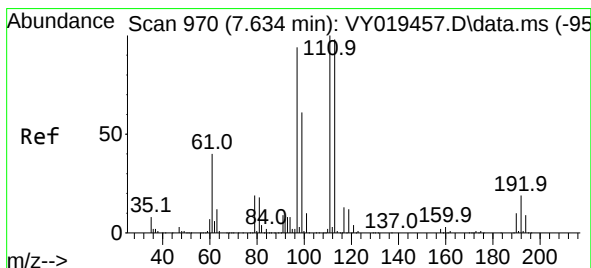
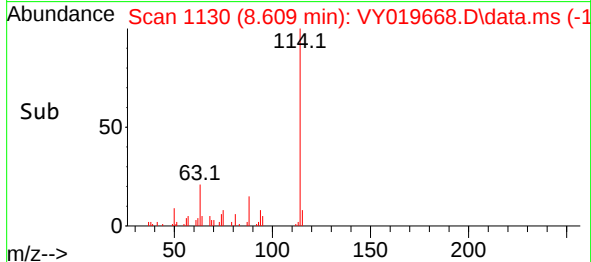
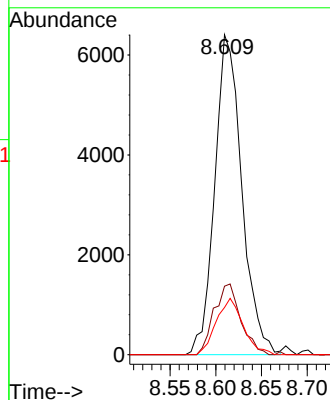
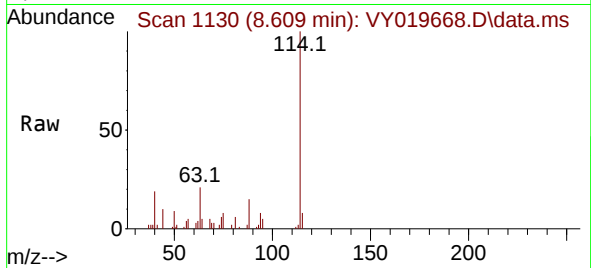




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019668.D
Acq: 23 Sep 2024 15:38

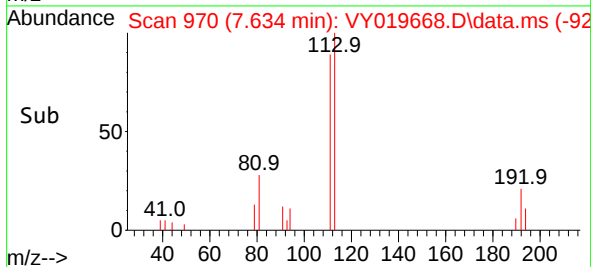
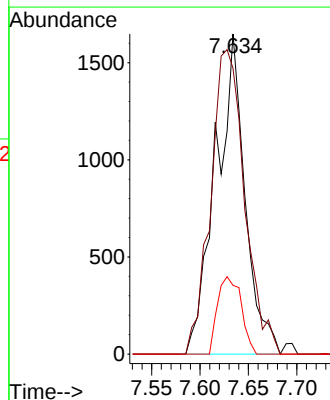
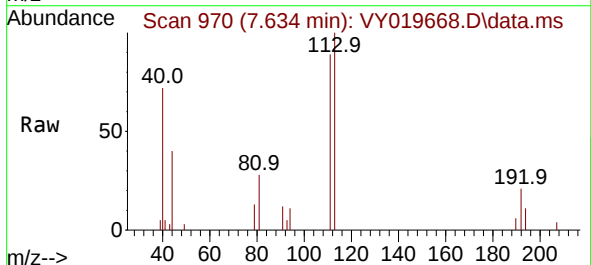
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-09202024

Tgt Ion:	114	Resp:	13204
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.0
88	14.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 46.698 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019668.D
Acq: 23 Sep 2024 15:38

Tgt Ion:	113	Resp:	3496
Ion	Ratio	Lower	Upper
113	100		
111	109.2	82.2	123.4
192	19.3	15.9	23.9

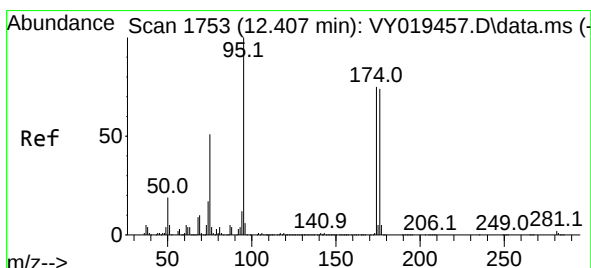
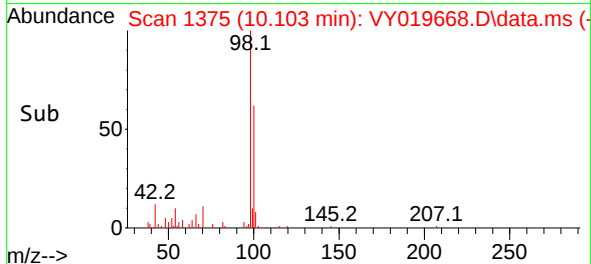
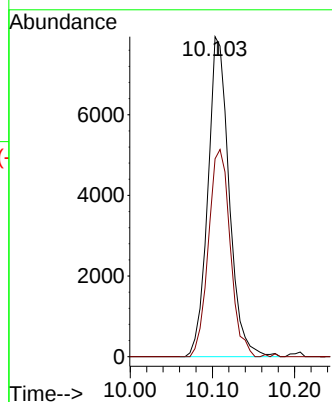
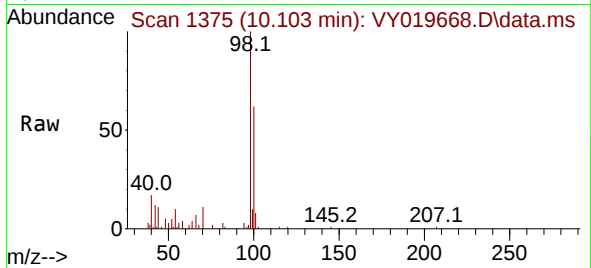




#50
Toluene-d8
Concen: 51.548 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019668.D
Acq: 23 Sep 2024 15:38

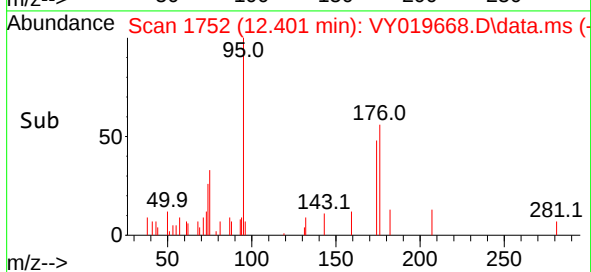
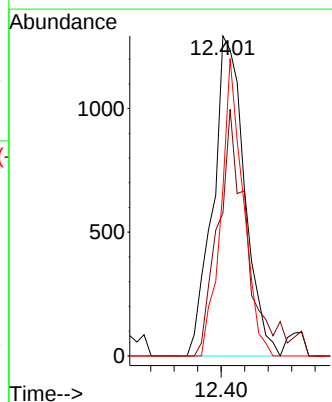
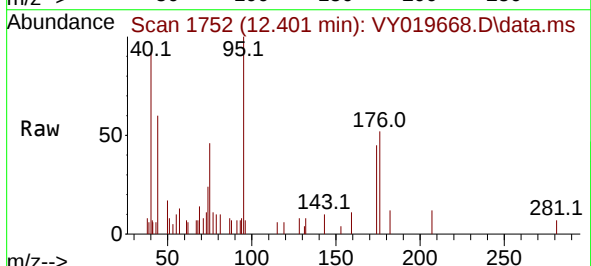
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-09202024

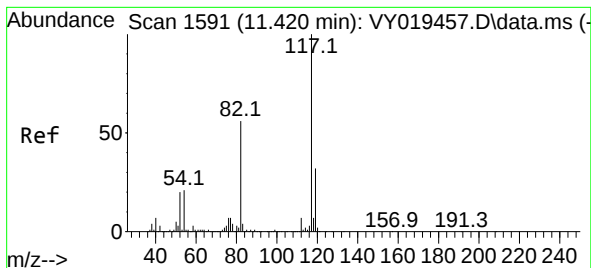
Tgt Ion: 98 Resp: 14274
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.757 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019668.D
Acq: 23 Sep 2024 15:38

Tgt Ion: 95 Resp: 2423
Ion Ratio Lower Upper
95 100
174 71.9 0.0 175.6
176 64.9 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: VY019668.D

Acq: 23 Sep 2024 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-09202024

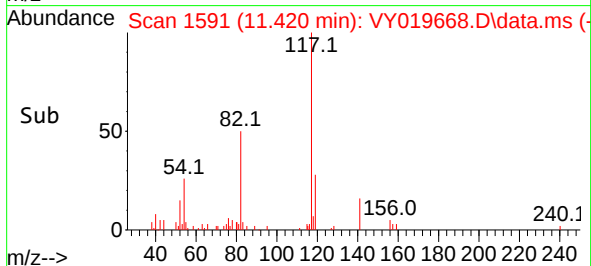
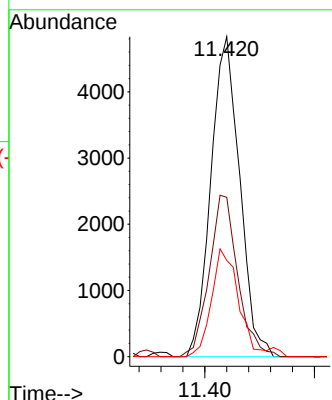
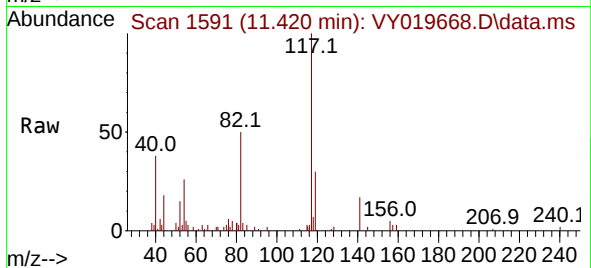
Tgt Ion:117 Resp: 8799

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 30.1 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: VY019668.D

Acq: 23 Sep 2024 15:38

Tgt Ion:152 Resp: 1503

Ion Ratio Lower Upper

152 100

115 31.9 28.2 84.7

150 100.1 0.0 345.6

