

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019693.D
 Acq On : 25 Sep 2024 14:27
 Operator : SY/MD
 Sample : P4146-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-092024

Quant Time: Sep 26 04:00:02 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	815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	1296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	278	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	635	84.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.280%#
35) Dibromofluoromethane	7.628	113	539	73.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.700%
50) Toluene-d8	10.103	98	1184	43.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.120%
62) 4-Bromofluorobenzene	12.420	95	354	33.874	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	67.740%

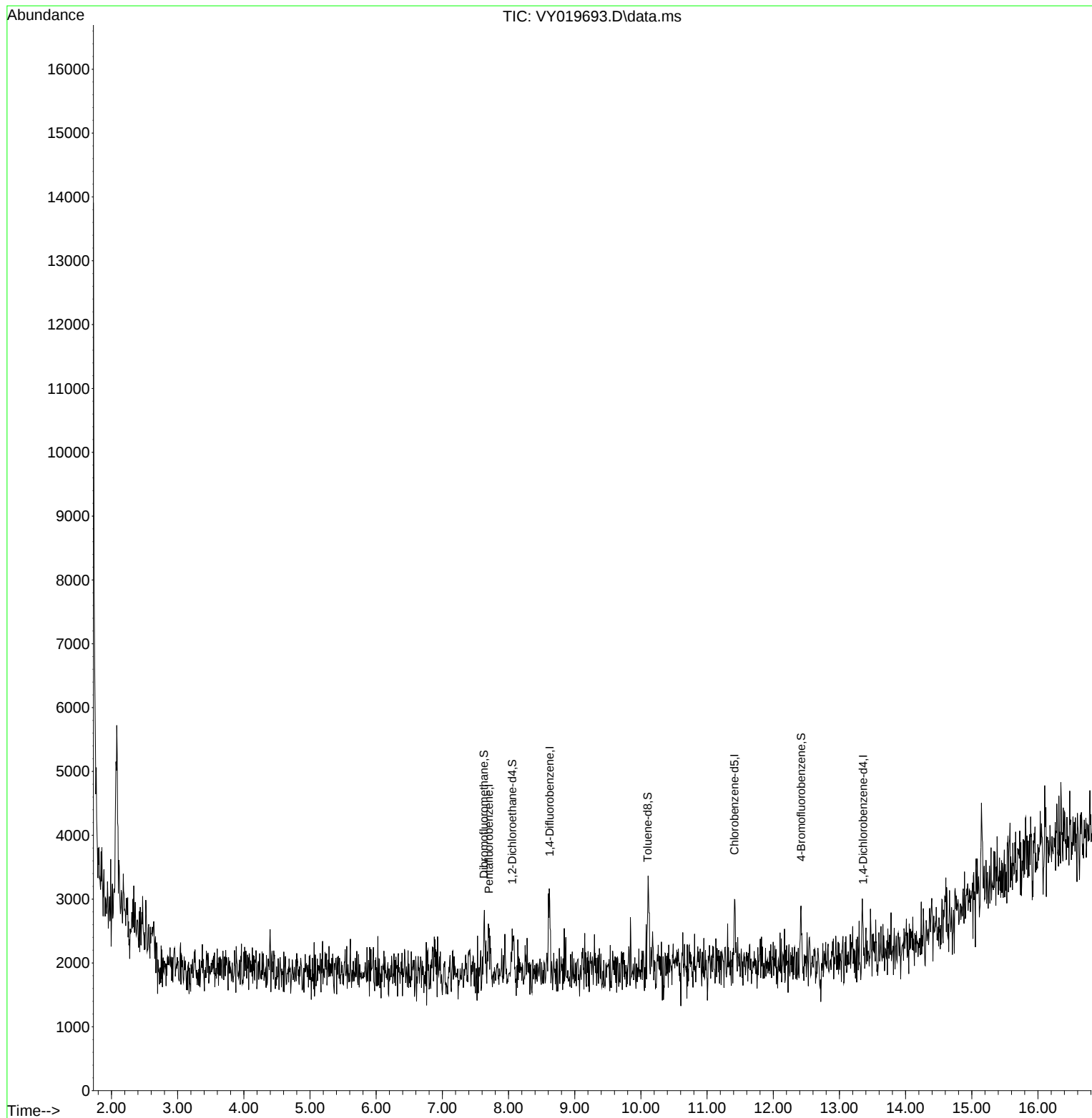
Target Compounds	Qvalue

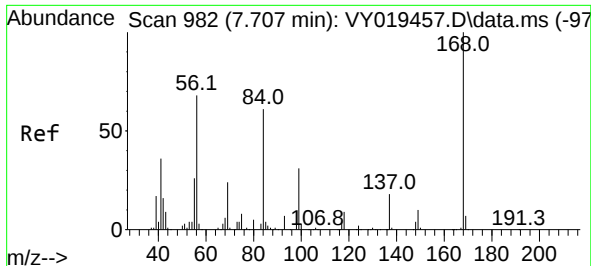
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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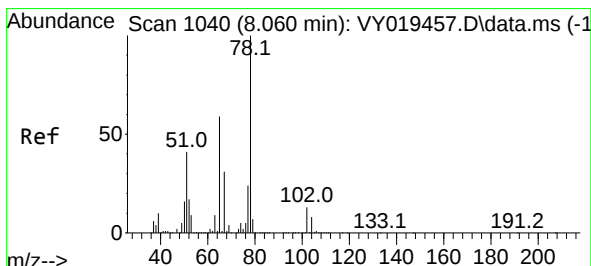
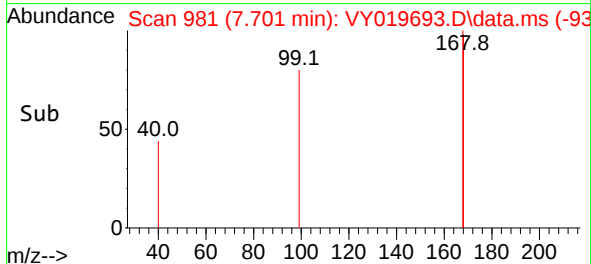
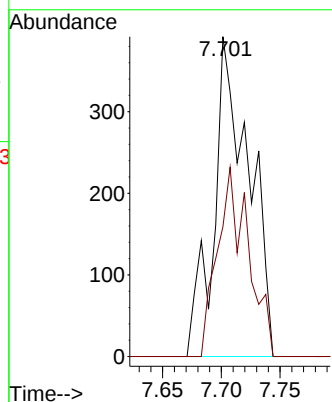
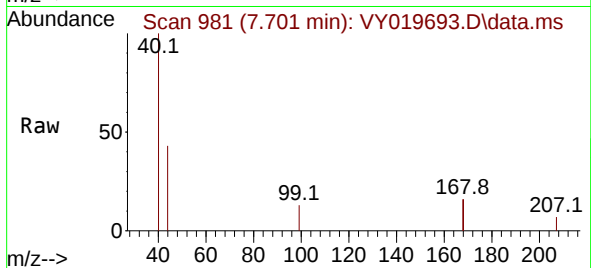




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

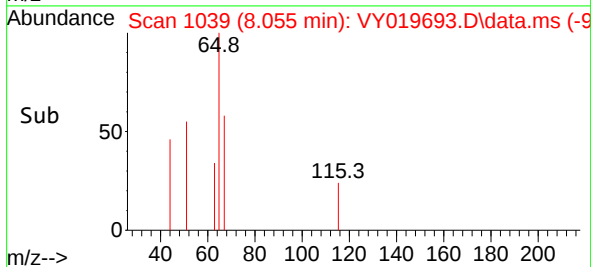
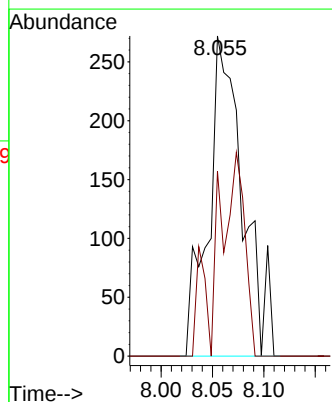
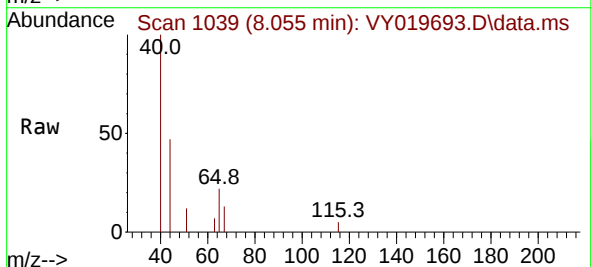
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-092024

Tgt Ion:168 Resp: 815
Ion Ratio Lower Upper
168 100
99 40.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 84.143 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 65 Resp: 635
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-092024

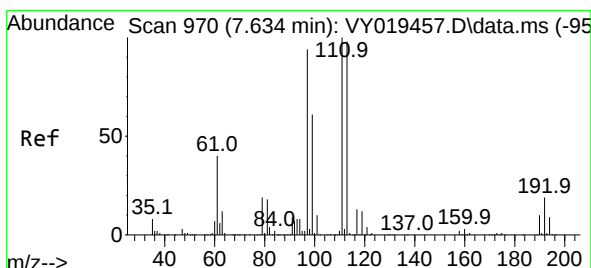
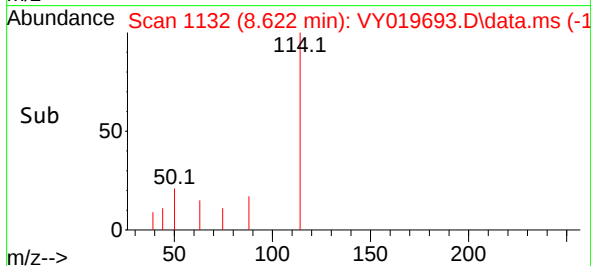
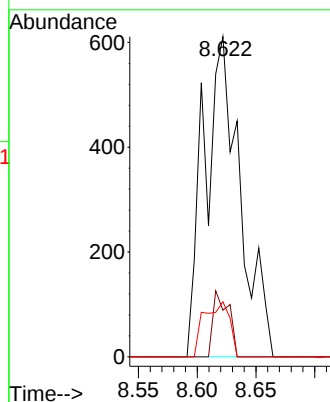
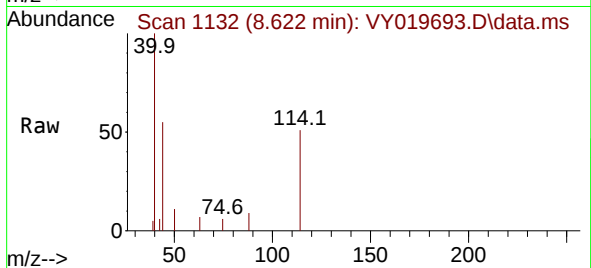
Tgt Ion:114 Resp: 1296

Ion Ratio Lower Upper

114 100

63 14.6 0.0 35.0

88 17.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 73.352 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

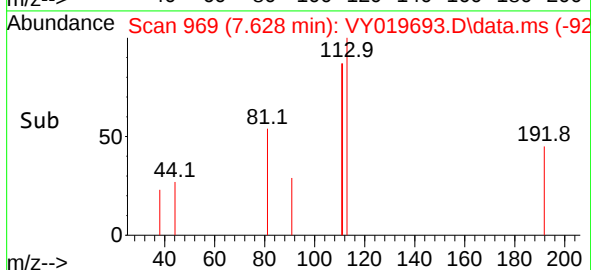
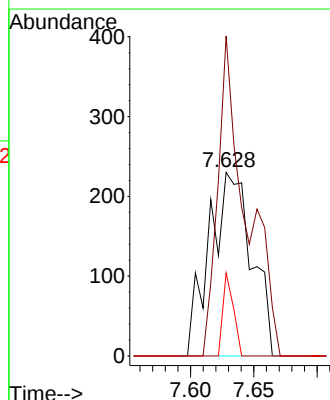
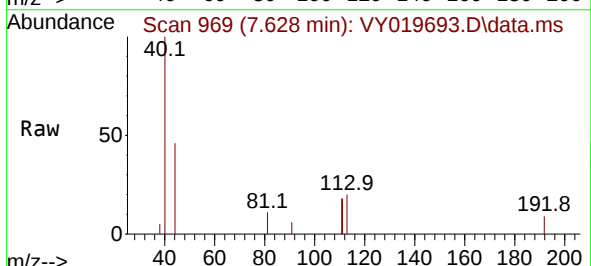
Tgt Ion:113 Resp: 539

Ion Ratio Lower Upper

113 100

111 116.0 82.2 123.4

192 10.9 15.9 23.9#

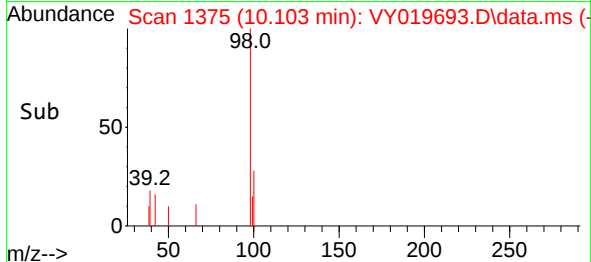
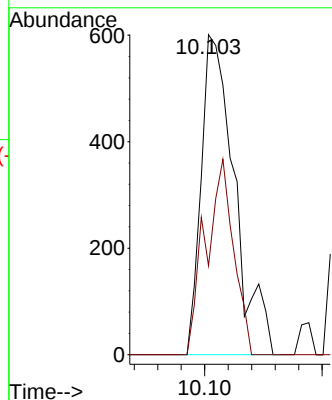
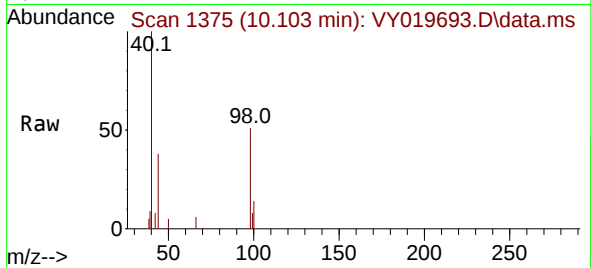




#50
Toluene-d8
Concen: 43.563 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

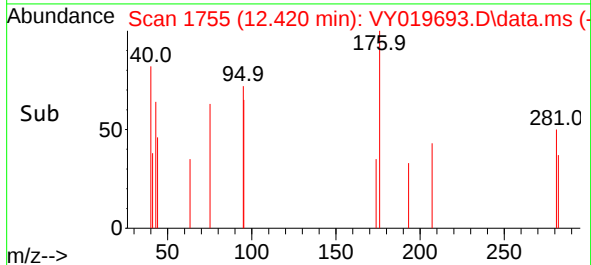
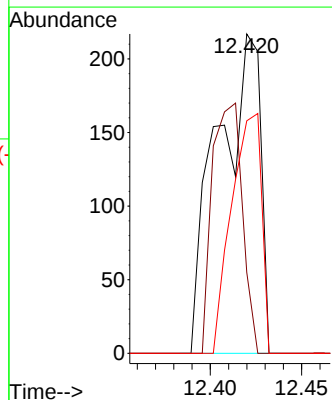
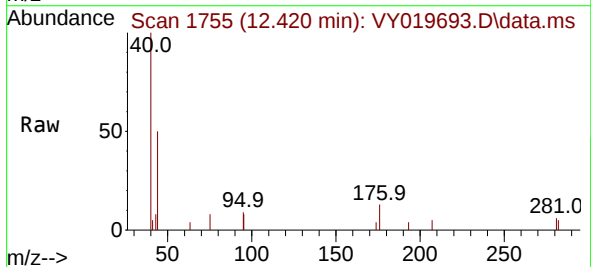
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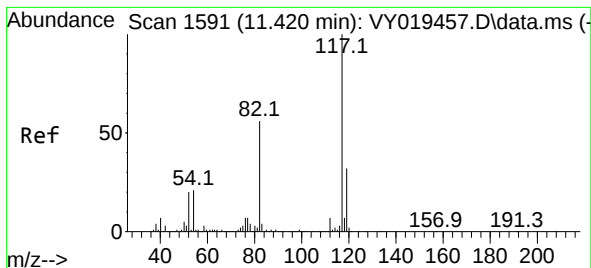
Tgt Ion: 98 Resp: 1184
Ion Ratio Lower Upper
98 100
100 51.4 52.0 78.0#



#62
4-Bromofluorobenzene
Concen: 33.874 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.013 min
Lab File: VY019693.D
Acq: 25 Sep 2024 14:27

Tgt Ion: 95 Resp: 354
Ion Ratio Lower Upper
95 100
174 54.8 0.0 175.6
176 52.5 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: VY019693.D

Acq: 25 Sep 2024 14:27

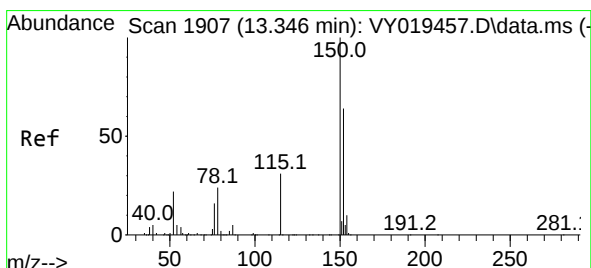
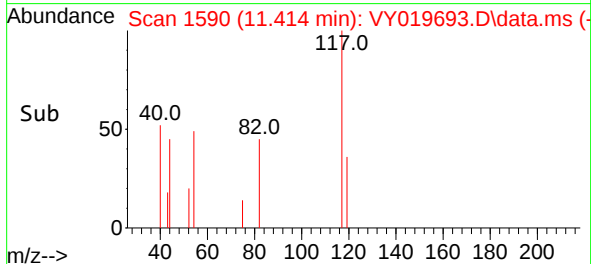
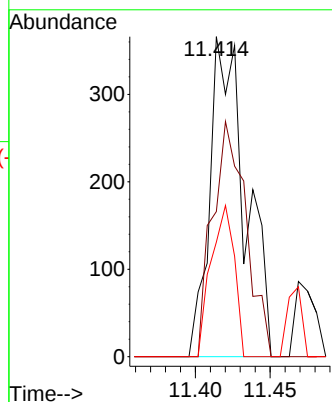
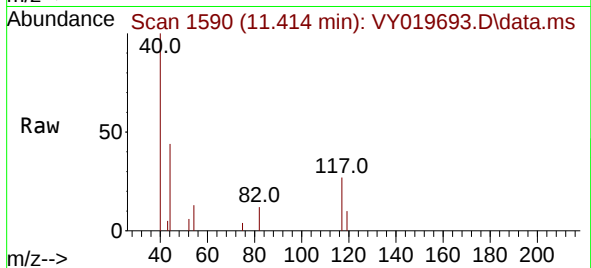
Instrument :

MSVOA_Y

ClientSampleId :

CL-02-092024

Tgt Ion:117	Resp:	603
Ion	Ratio	Lower Upper
117	100	
82	45.4	42.4 63.6
119	35.8	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.013 min

Lab File: VY019693.D

Acq: 25 Sep 2024 14:27

Tgt Ion:152	Resp:	278
Ion	Ratio	Lower Upper
152	100	
115	46.0	28.2 84.7
150	162.2	0.0 345.6

