

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092324\
 Data File : VY019664.D
 Acq On : 23 Sep 2024 13:41
 Operator : SY/MD
 Sample : P4138-03
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIBERTY-AVE-TP-COMP

Quant Time: Sep 24 01:45:19 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	9362	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	13376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	4475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2977	34.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.680%
35) Dibromofluoromethane	7.628	113	3073	40.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.040%
50) Toluene-d8	10.103	98	12912	46.030	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.401	95	937	8.687	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	17.380%#

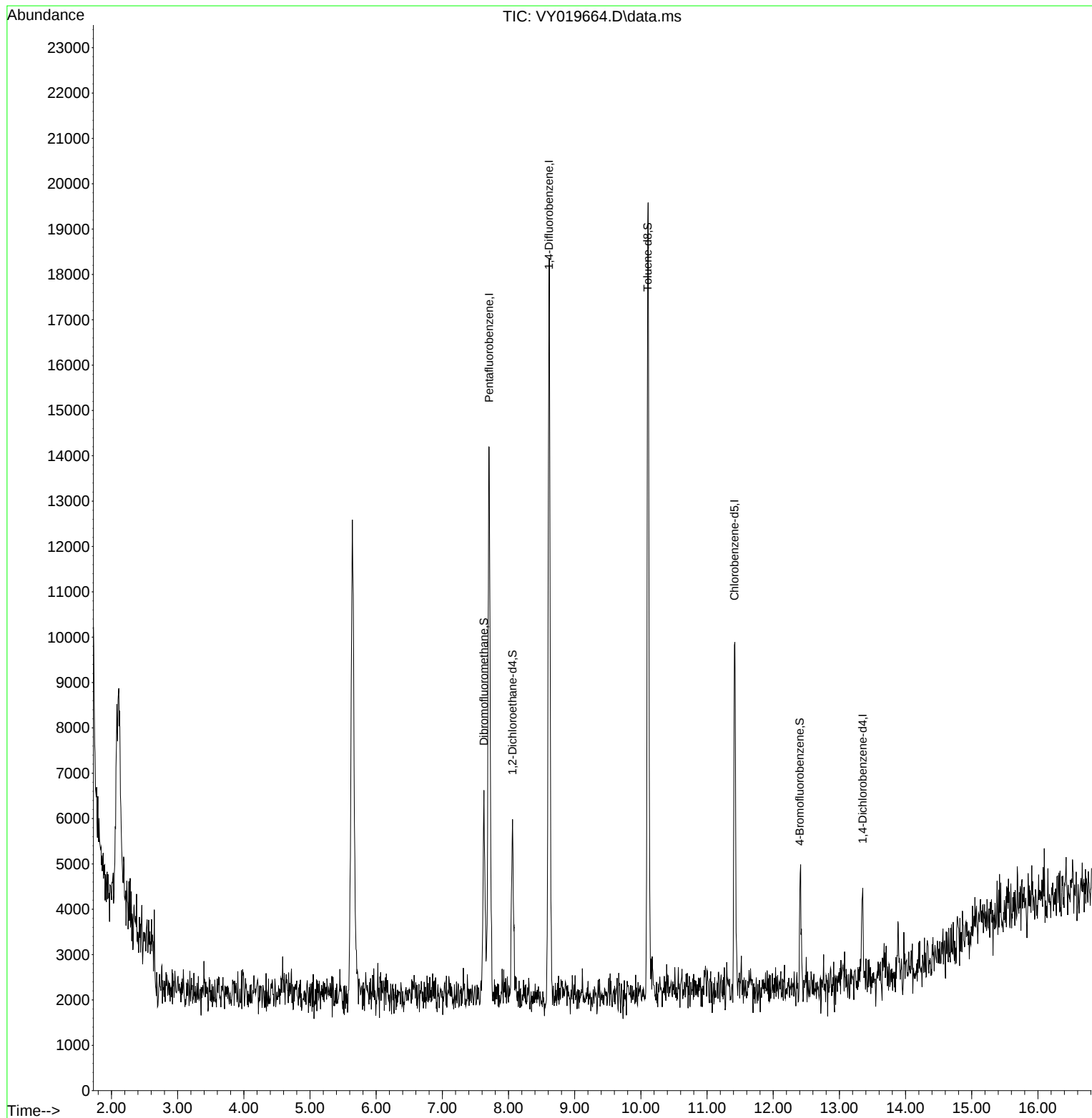
Target Compounds	Qvalue

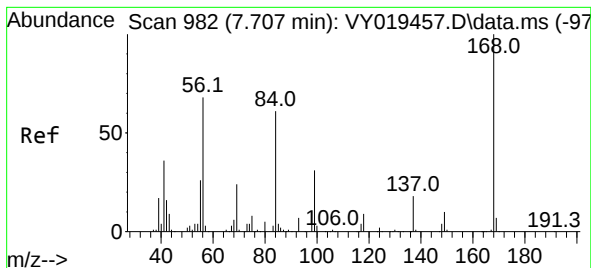
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

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MSVOA_Y

ClientSampleId :

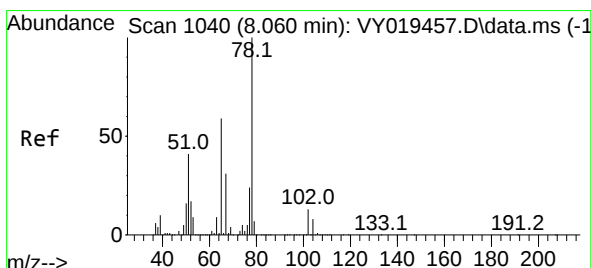
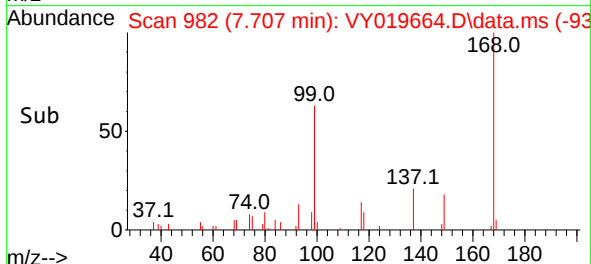
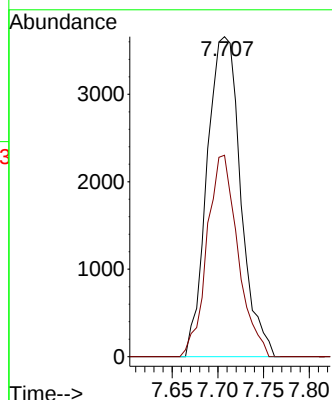
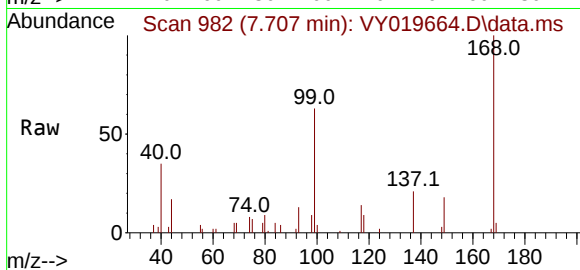
LIBERTY-AVE-TP-COMP

Tgt Ion:168 Resp: 9362

Ion Ratio Lower Upper

168 100

99 62.9 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 34.341 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019664.D

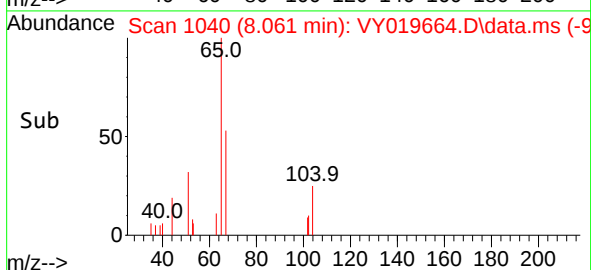
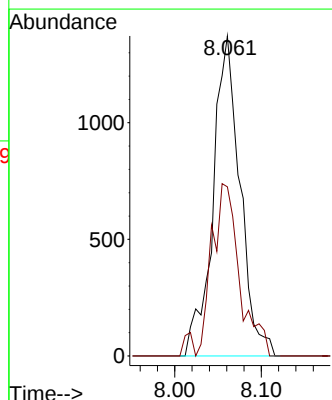
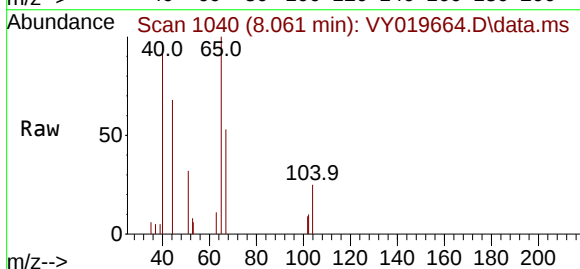
Acq: 23 Sep 2024 13:41

Tgt Ion: 65 Resp: 2977

Ion Ratio Lower Upper

65 100

67 54.9 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: VY019664.D

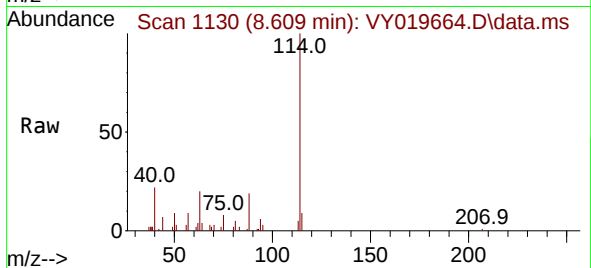
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Instrument :

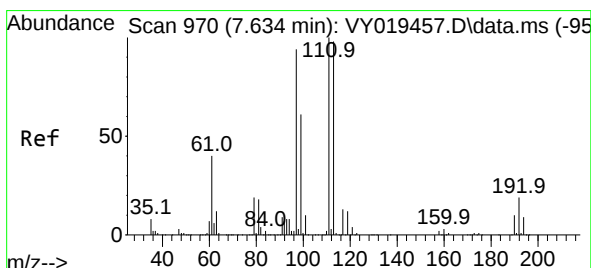
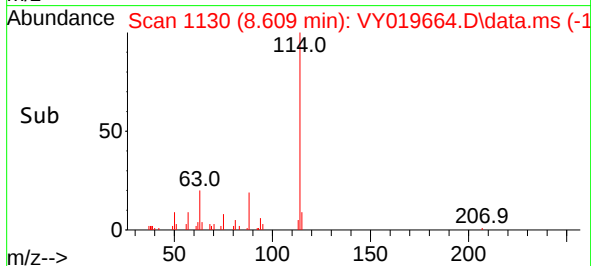
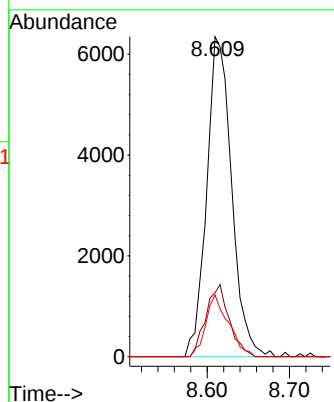
MSVOA_Y

ClientSampleId :

LIBERTY-AVE-TP-COMP



Tgt Ion:	114	Resp:	13376
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	35.0
88	19.2	0.0	27.2



#35

Dibromofluoromethane

Concen: 40.520 ug/l

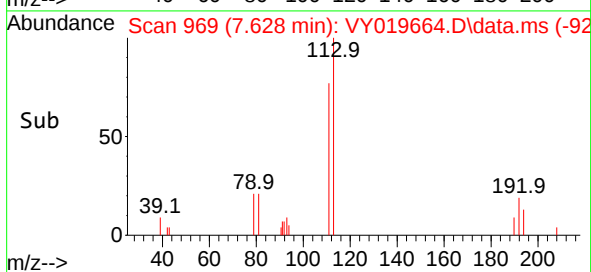
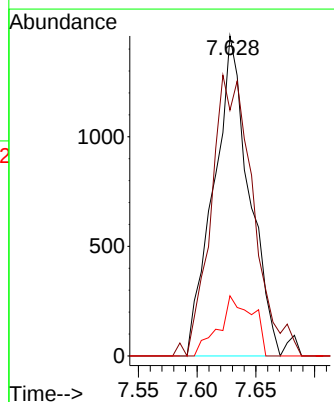
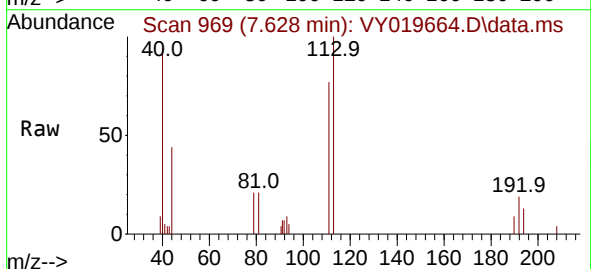
RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019664.D

Acq: 23 Sep 2024 13:41

Tgt Ion:	113	Resp:	3073
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.2	123.4
192	17.8	15.9	23.9

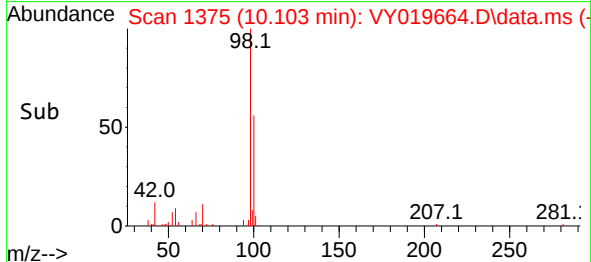
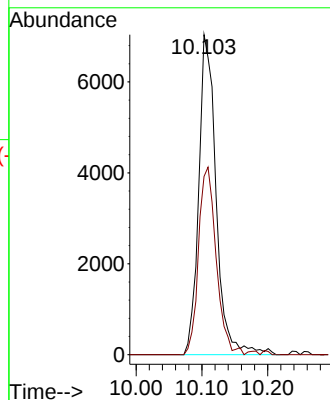
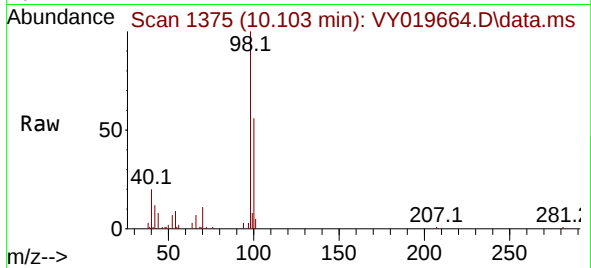




#50
Toluene-d8
Concen: 46.030 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019664.D
Acq: 23 Sep 2024 13:41

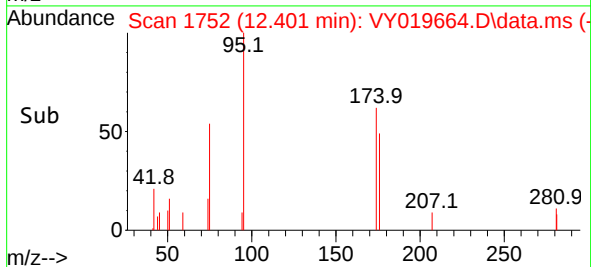
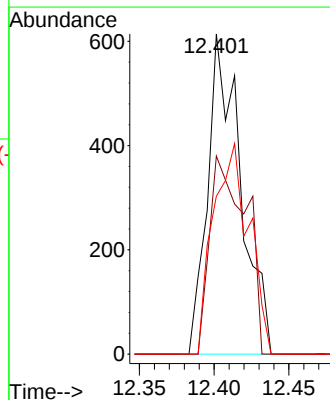
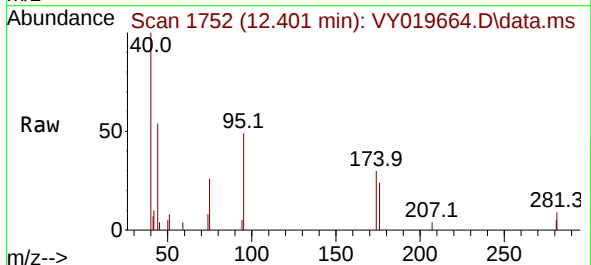
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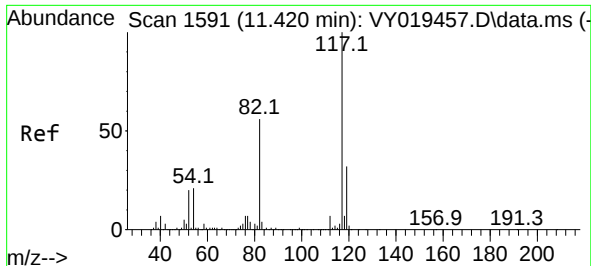
Tgt Ion: 98 Resp: 12912
Ion Ratio Lower Upper
98 100
100 59.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 8.687 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019664.D
Acq: 23 Sep 2024 13:41

Tgt Ion: 95 Resp: 937
Ion Ratio Lower Upper
95 100
174 68.4 0.0 175.6
176 71.4 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: VY019664.D

Acq: 23 Sep 2024 13:41

Instrument :

MSVOA_Y

ClientSampleId :

LIBERTY-AVE-TP-COMP

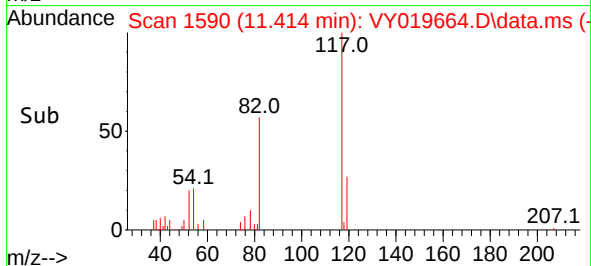
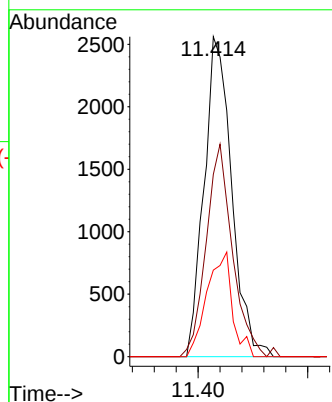
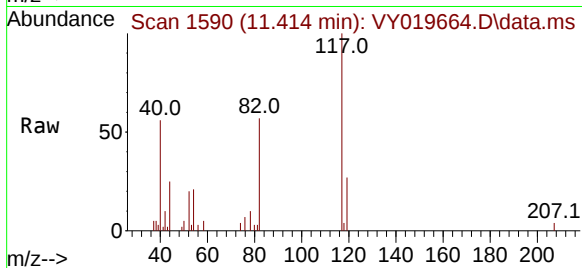
Tgt Ion:117 Resp: 4475

Ion Ratio Lower Upper

117 100

82 57.0 42.4 63.6

119 27.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019664.D

Acq: 23 Sep 2024 13:41

Tgt Ion:152 Resp: 675

Ion Ratio Lower Upper

152 100

115 66.7 28.2 84.7

150 139.0 0.0 345.6

