

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019487.D
 Acq On : 10 Sep 2024 15:00
 Operator : SY/MD
 Sample : P3906-15
 Misc : 3.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-701-VOC-03

Quant Time: Sep 11 01:49:51 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	413326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	793165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	698255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	260022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	233841	61.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.200%
35) Dibromofluoromethane	7.634	113	250055	55.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.200%
50) Toluene-d8	10.103	98	939768	56.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.000%
62) 4-Bromofluorobenzene	12.408	95	306902	47.985	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.960%

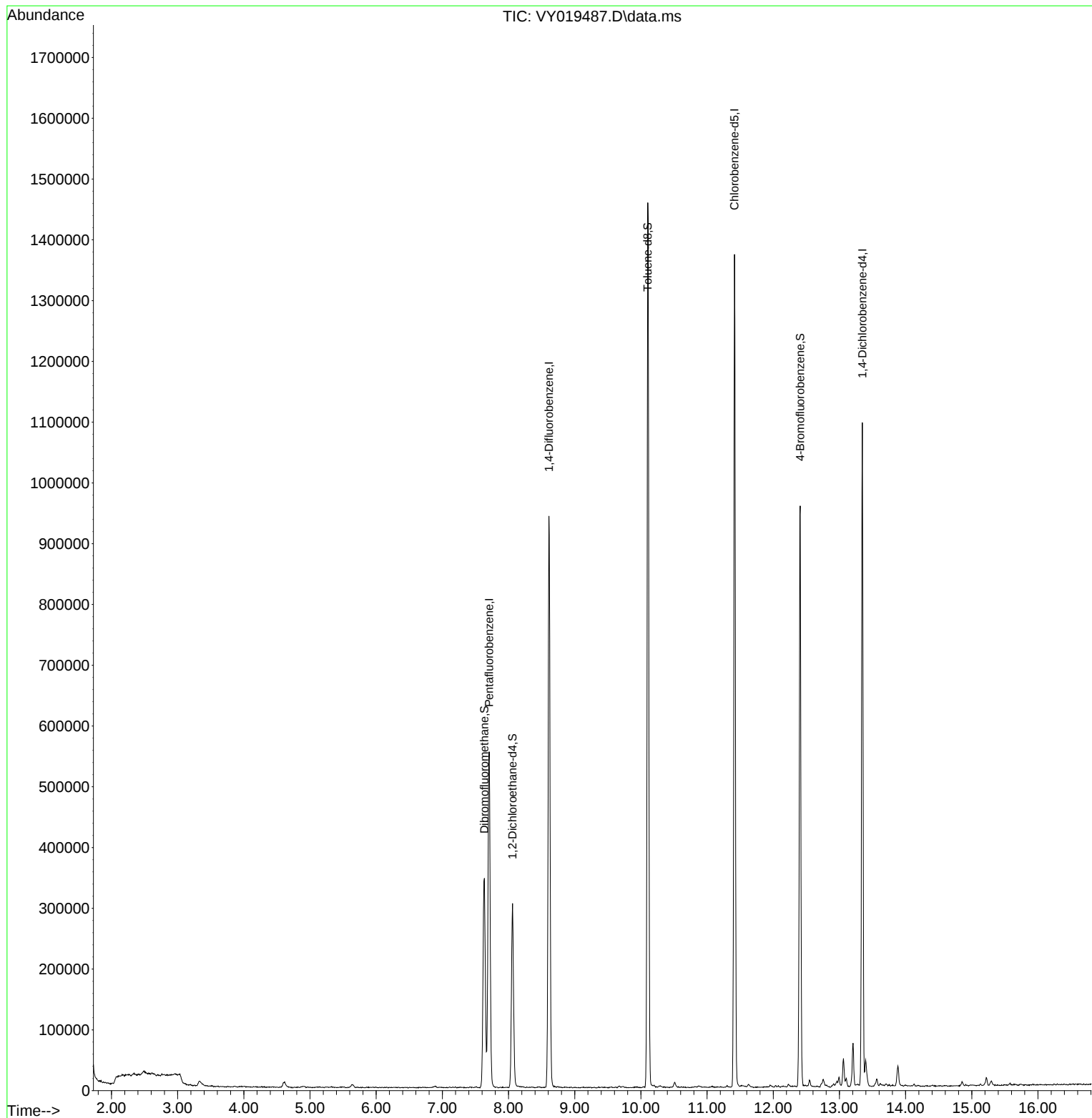
Target Compounds	Qvalue

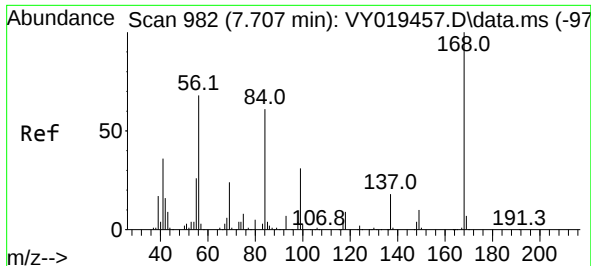
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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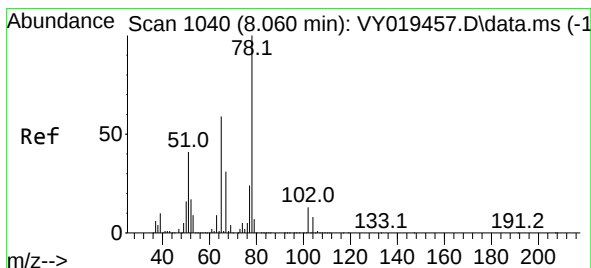
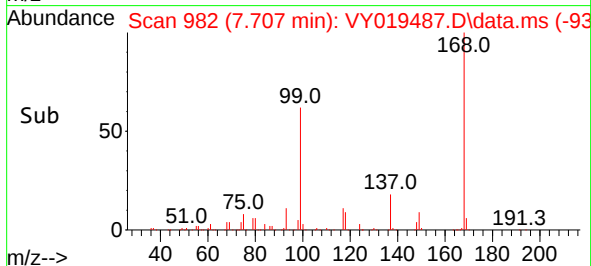
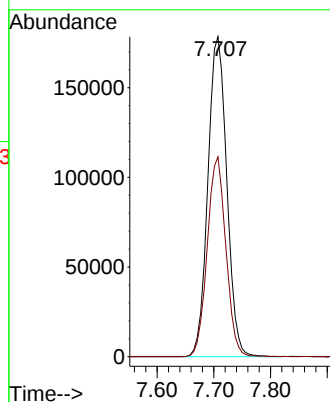
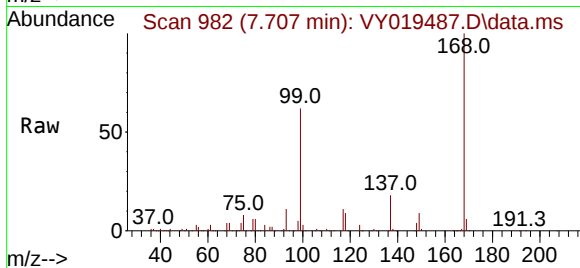




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

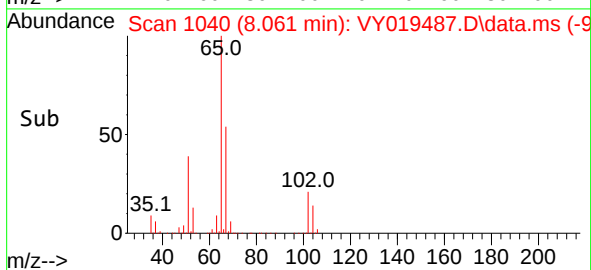
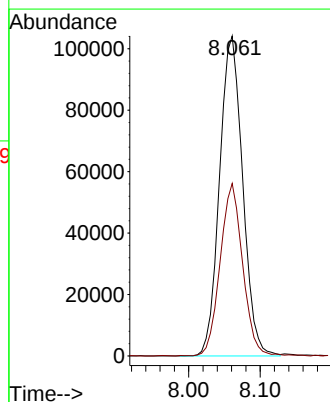
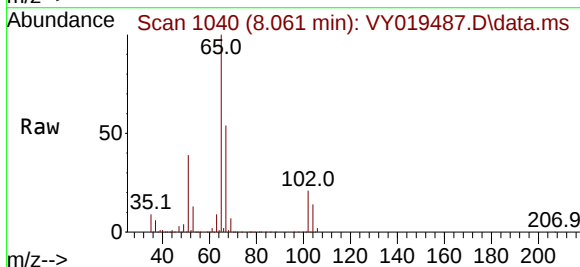
Instrument :
MSVOA_Y
ClientSampleId :
SU-701-VOC-03

Tgt Ion:168 Resp: 413326
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.098 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Tgt Ion: 65 Resp: 233841
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-03

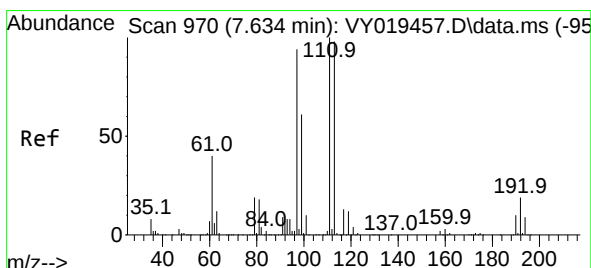
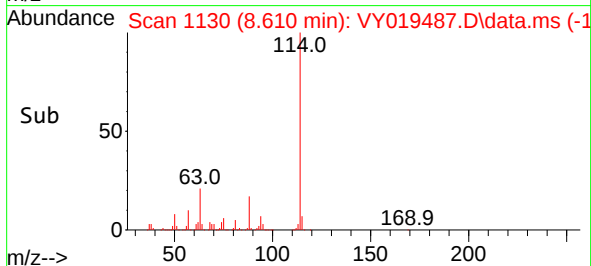
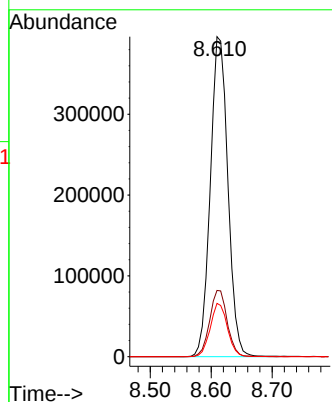
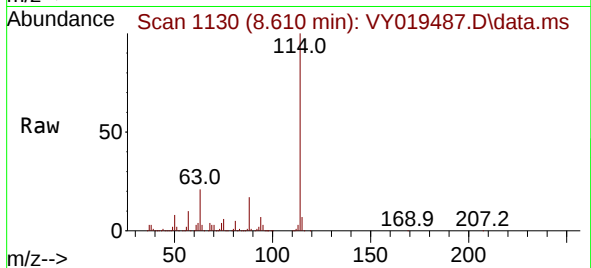
Tgt Ion:114 Resp: 793165

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.604 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

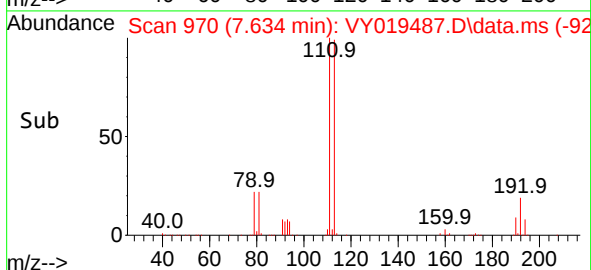
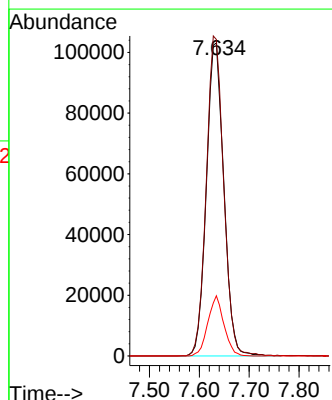
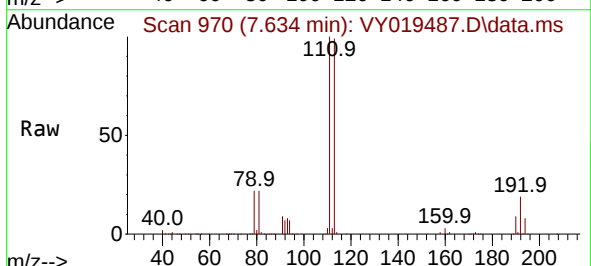
Tgt Ion:113 Resp: 250055

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.8 15.9 23.9

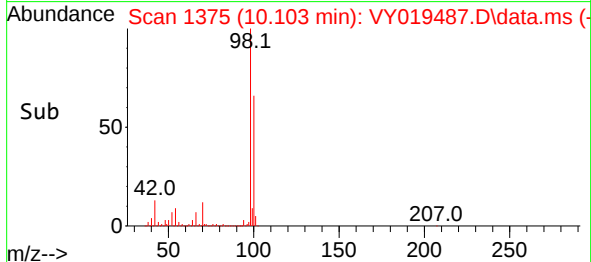
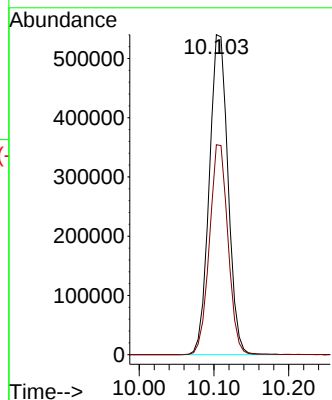
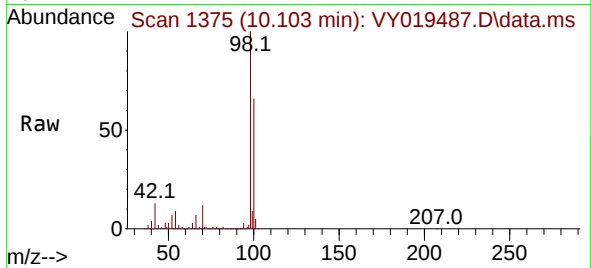




#50
Toluene-d8
Concen: 56.498 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

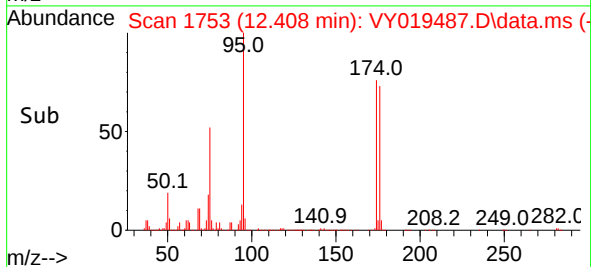
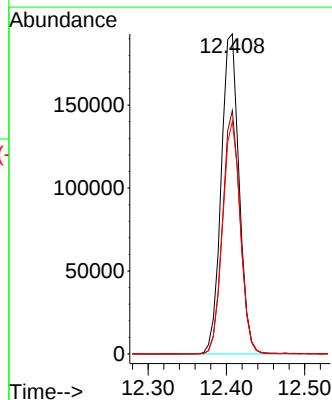
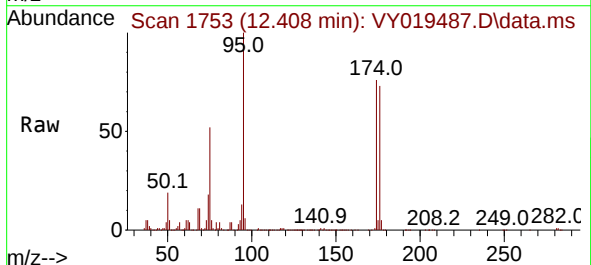
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MSVOA_Y
ClientSampleId :
SU-701-VOC-03

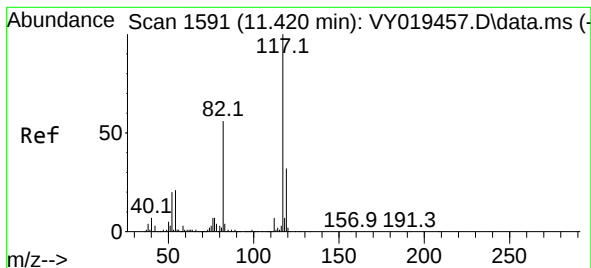
Tgt Ion: 98 Resp: 939768
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.985 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Tgt Ion: 95 Resp: 306902
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.5 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: VY019487.D

Acq: 10 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-03

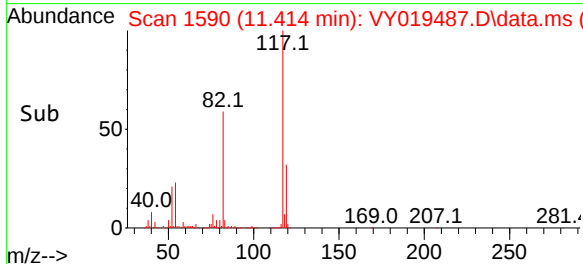
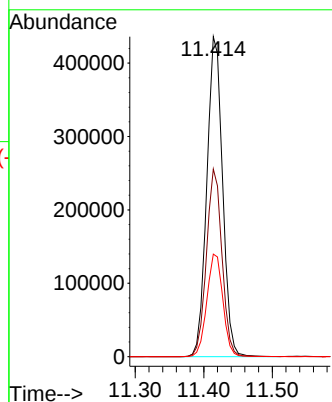
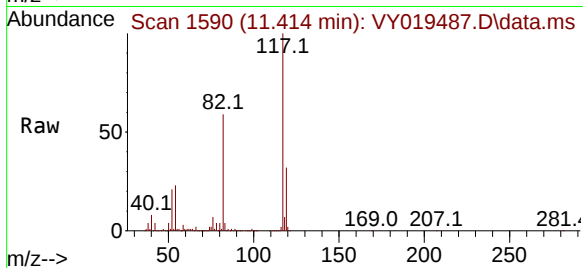
Tgt Ion:117 Resp: 698255

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

Tgt Ion:152 Resp: 260022

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 157.8 0.0 345.6

