

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019485.D
 Acq On : 10 Sep 2024 14:14
 Operator : SY/MD
 Sample : P3906-09
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-701-VOC-02

Quant Time: Sep 11 01:49:17 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	232837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	419388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	350512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130711	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126335	58.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.200%
35) Dibromofluoromethane	7.628	113	129901	54.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.260%
50) Toluene-d8	10.103	98	488621	55.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.120%
62) 4-Bromofluorobenzene	12.402	95	153621	45.426	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.860%

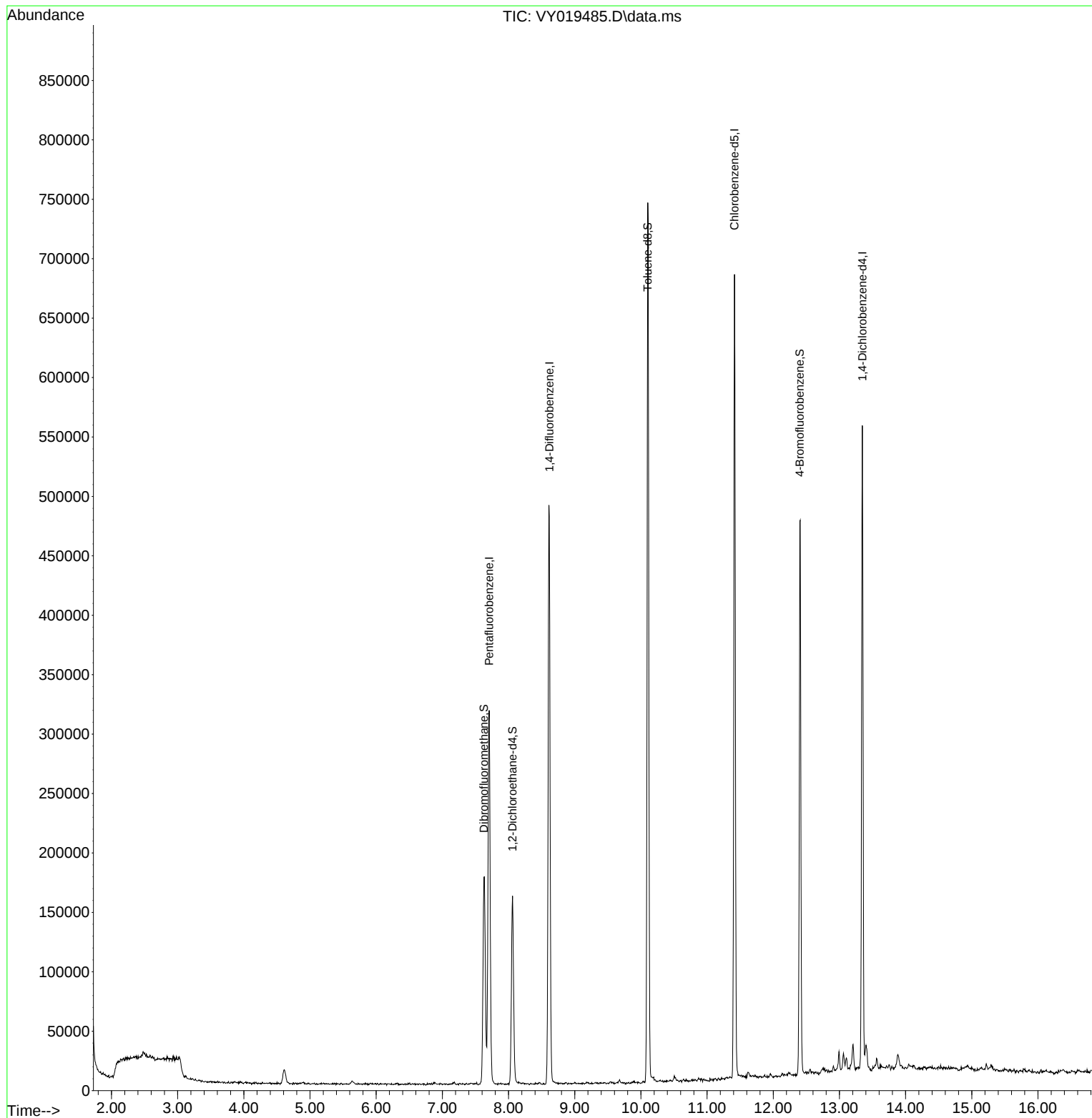
Target Compounds	Qvalue

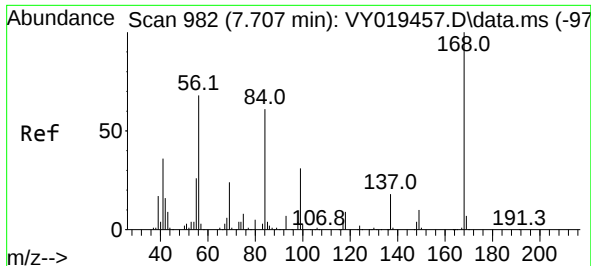
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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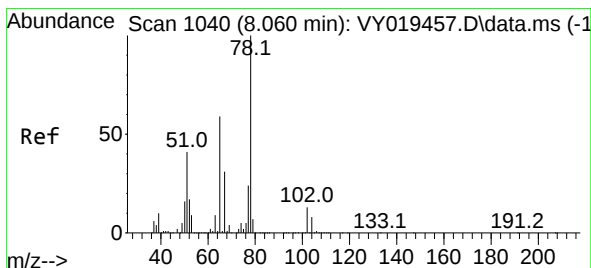
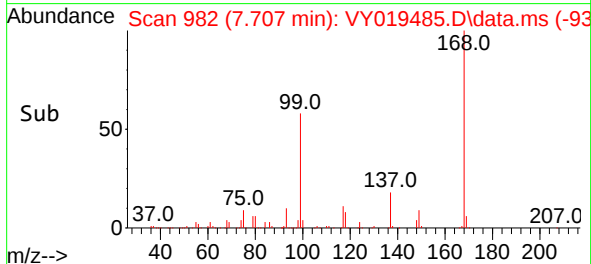
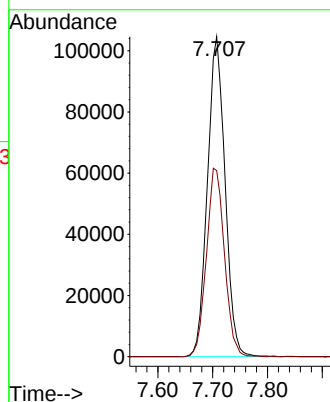
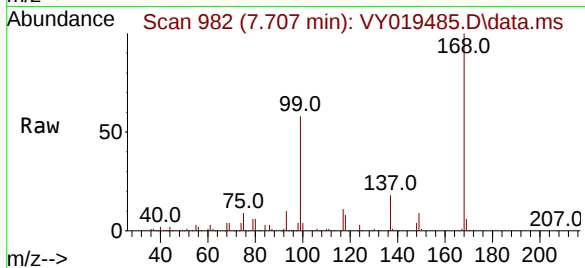




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

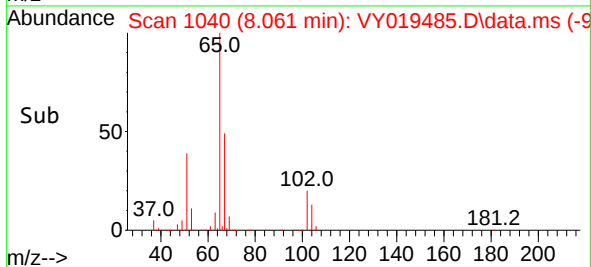
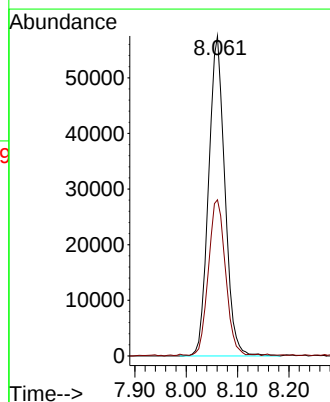
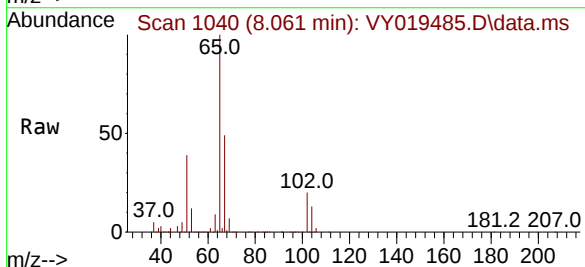
Instrument :
MSVOA_Y
ClientSampleId :
SU-701-VOC-02

Tgt Ion:168 Resp: 232837
Ion Ratio Lower Upper
168 100
99 58.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.596 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Tgt Ion: 65 Resp: 126335
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-02

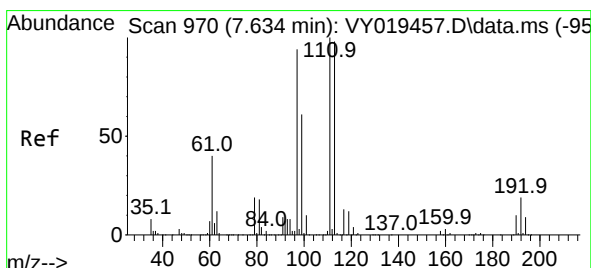
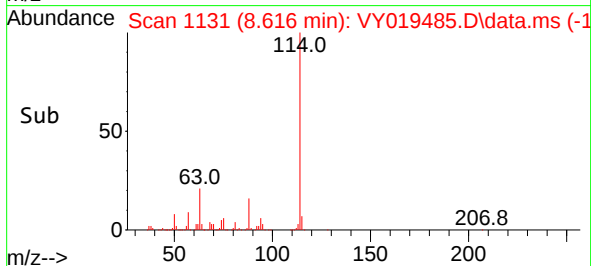
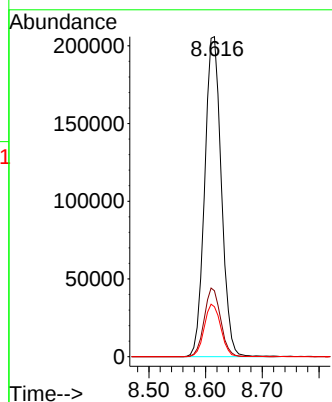
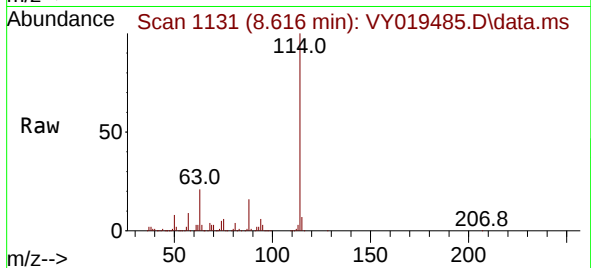
Tgt Ion:114 Resp: 419388

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.630 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019485.D

Acq: 10 Sep 2024 14:14

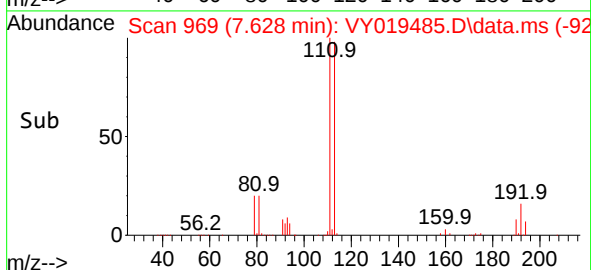
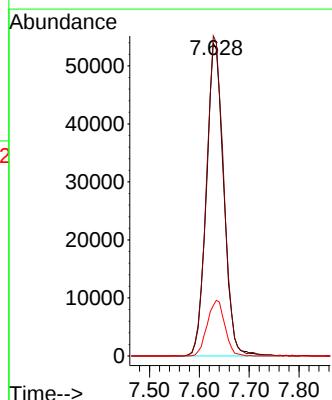
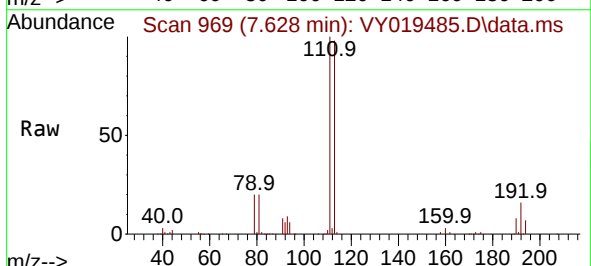
Tgt Ion:113 Resp: 129901

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 18.1 15.9 23.9

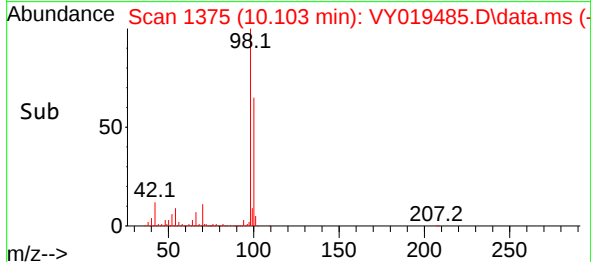
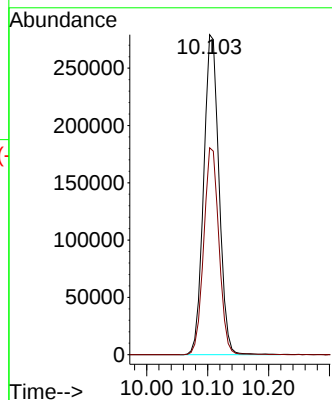
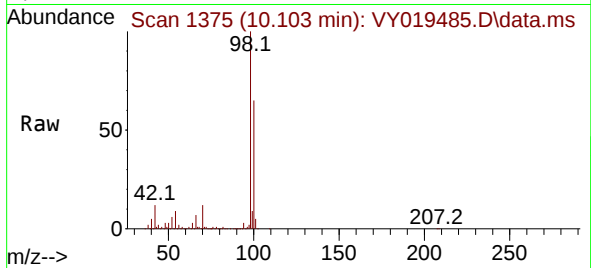




#50
Toluene-d8
Concen: 55.556 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

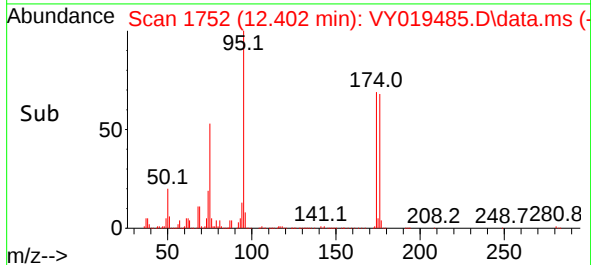
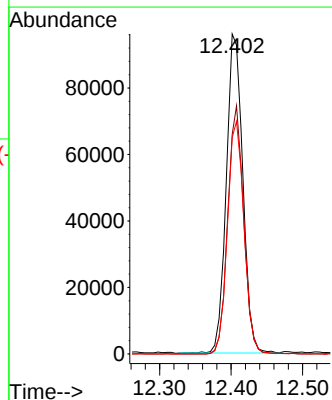
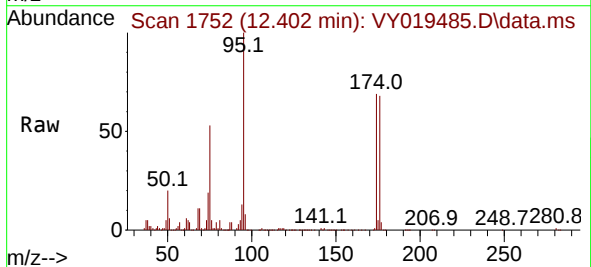
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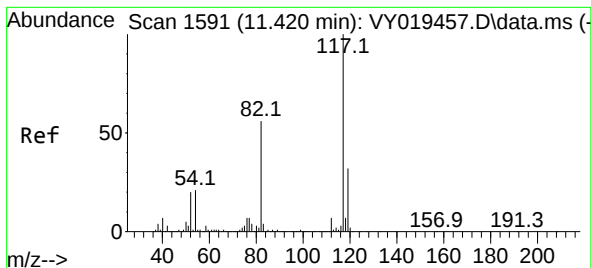
Tgt Ion: 98 Resp: 488621
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.426 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019485.D
Acq: 10 Sep 2024 14:14

Tgt Ion: 95 Resp: 153621
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 73.0 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: VY019485.D

Acq: 10 Sep 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

SU-701-VOC-02

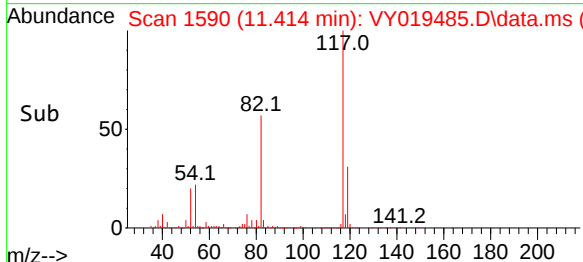
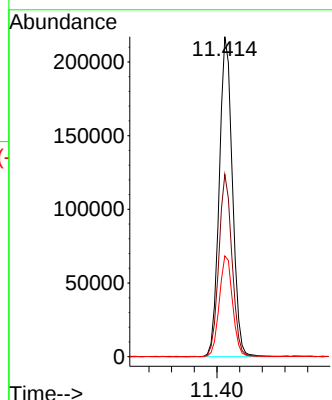
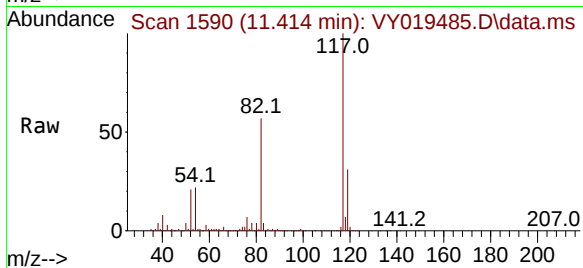
Tgt Ion:117 Resp: 350512

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 31.4 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: VY019485.D

Acq: 10 Sep 2024 14:14

Tgt Ion:152 Resp: 130711

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 156.3 0.0 345.6

