

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020167.D
 Acq On : 05 Nov 2024 15:19
 Operator : SY/MD
 Sample : P4711-02
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-613-VOC-16

Quant Time: Nov 06 00:26:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	129795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	270850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	249283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95031	58.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.634	113	89915	52.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.103	98	339472	49.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.040%
62) 4-Bromofluorobenzene	12.401	95	97703	43.883	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.760%

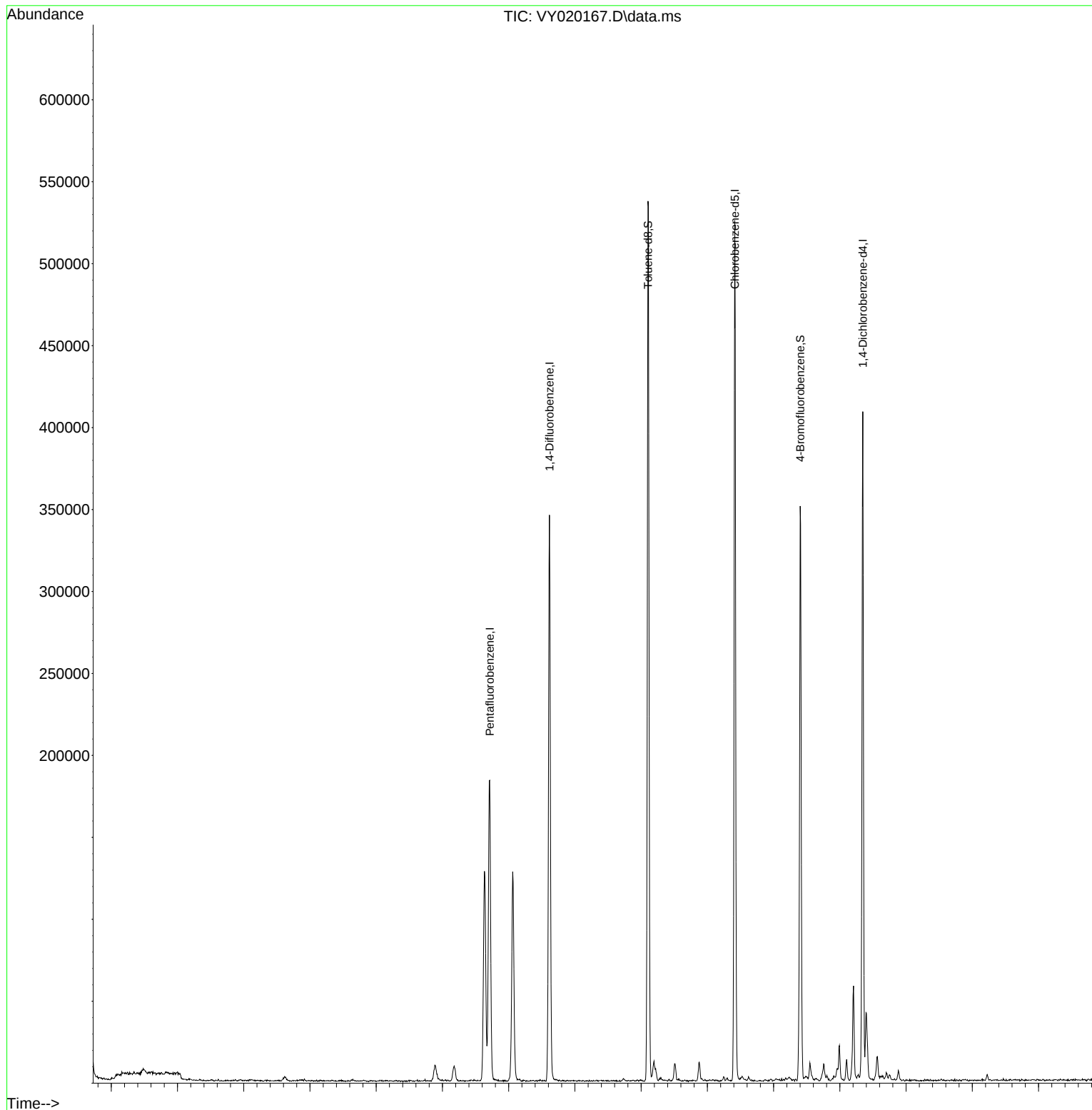
Target Compounds Qvalue

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

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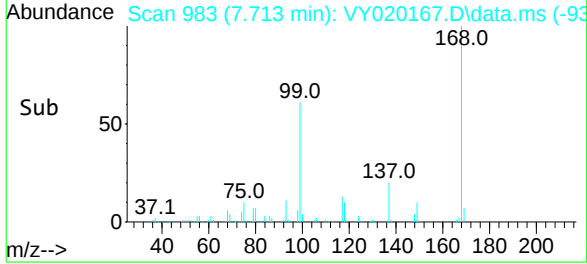
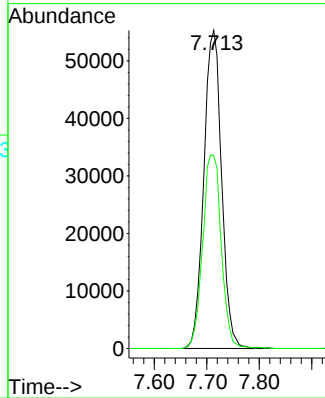
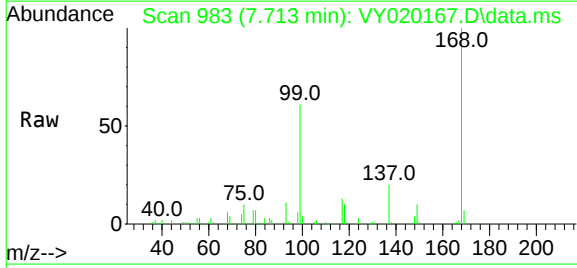




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

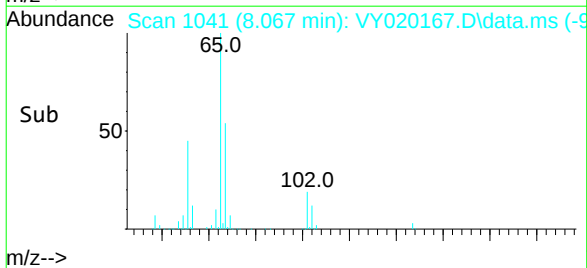
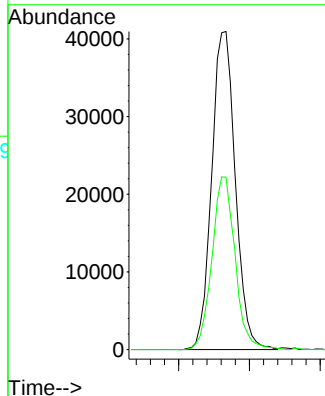
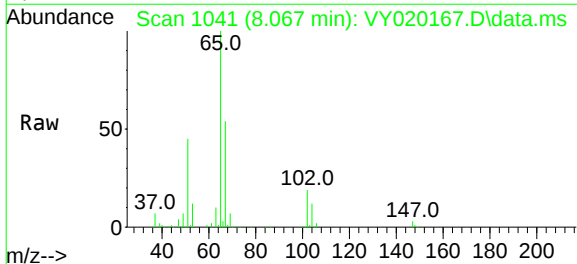
Instrument :
MSVOA_Y
ClientSampleId :
CF-613-VOC-16

Tgt Ion: 168 Resp: 129795
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.664 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020167.D
Acq: 05 Nov 2024 15:19

Tgt Ion: 65 Resp: 95031
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6

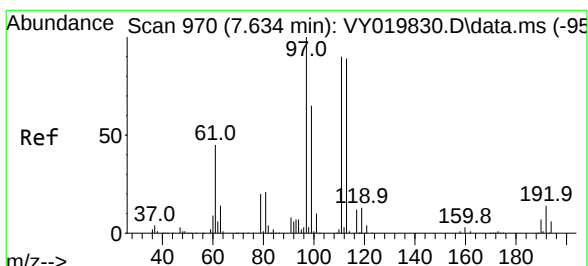
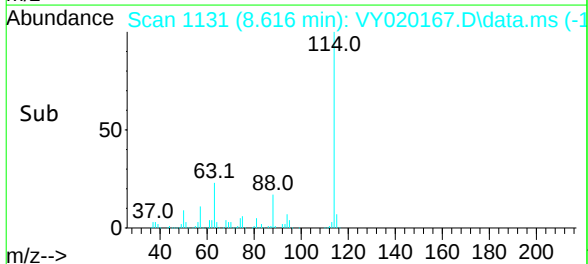
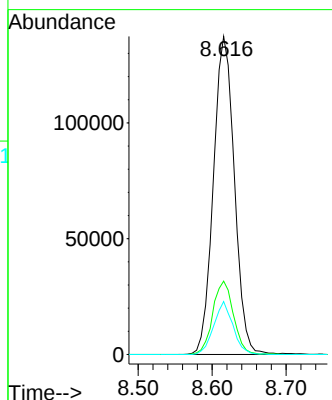
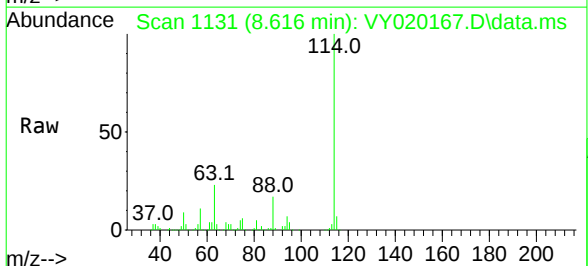




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY020167.D
 Acq: 05 Nov 2024 15:19

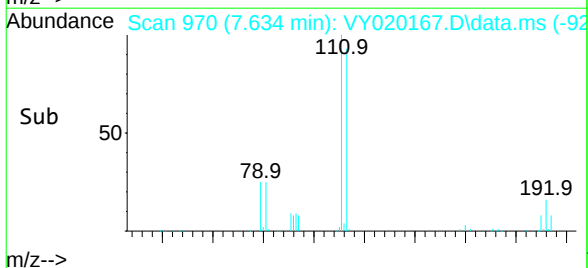
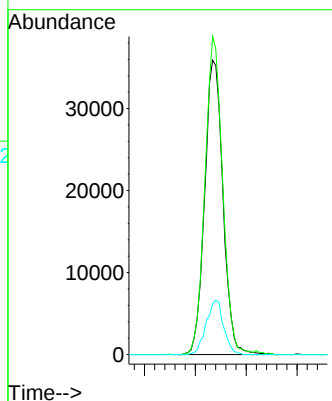
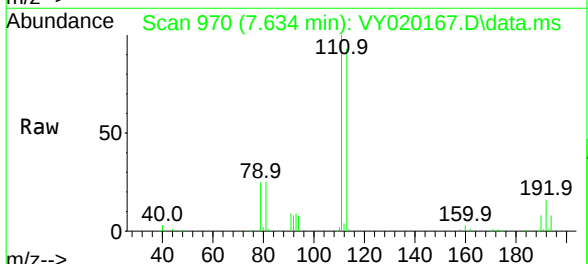
Instrument :
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 ClientSampleId :
 CF-613-VOC-16

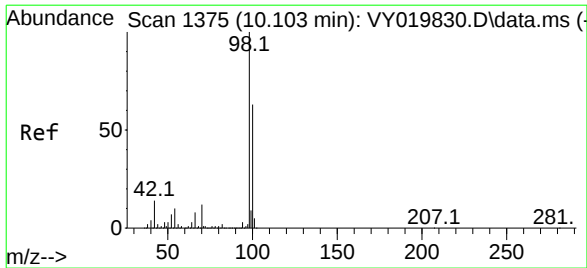
Tgt Ion:	114	Resp:	270850
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	35.0
88	16.6	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 52.214 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020167.D
 Acq: 05 Nov 2024 15:19

Tgt Ion:	113	Resp:	89915
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.2	123.4
192	17.6	15.9	23.9





#50

Toluene-d8

Concen: 49.525 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020167.D

Acq: 05 Nov 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

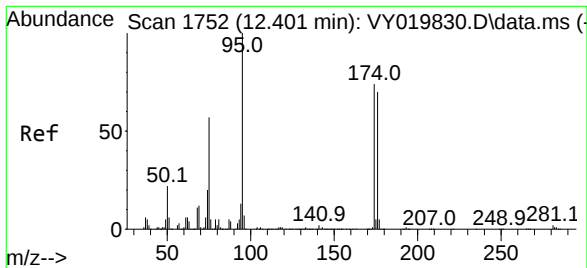
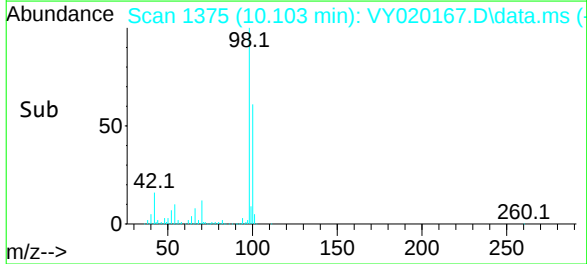
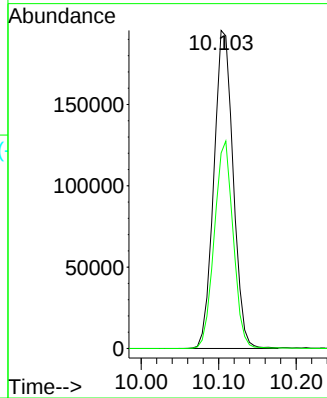
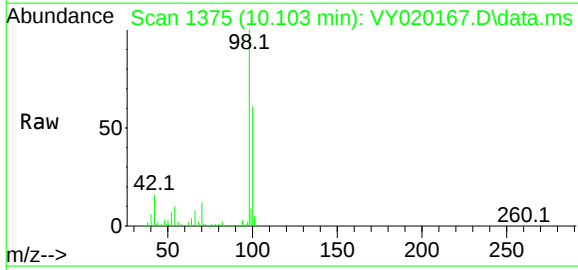
CF-613-VOC-16

Tgt Ion: 98 Resp: 339472

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.883 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020167.D

Acq: 05 Nov 2024 15:19

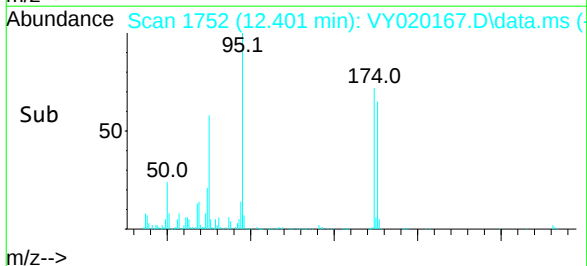
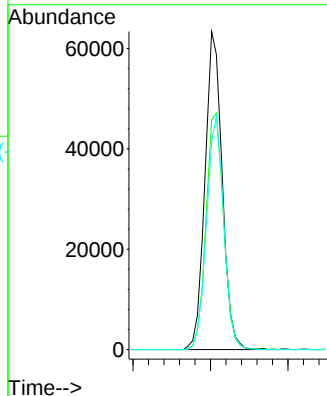
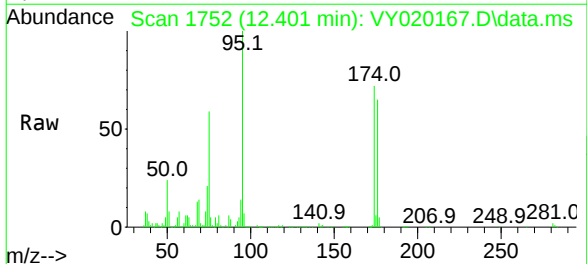
Tgt Ion: 95 Resp: 97703

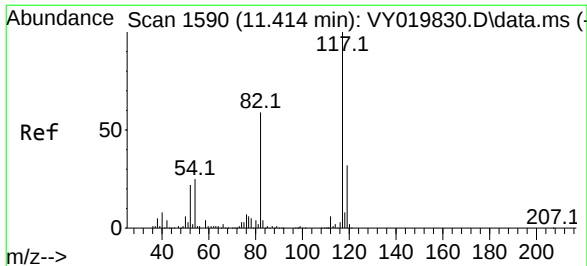
Ion Ratio Lower Upper

95 100

174 76.4 0.0 175.6

176 73.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020167.D

Acq: 05 Nov 2024 15:19

Instrument :

MSVOA_Y

ClientSampleId :

CF-613-VOC-16

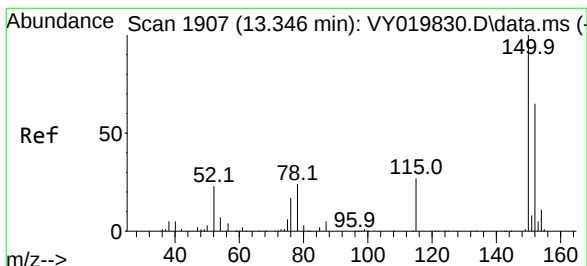
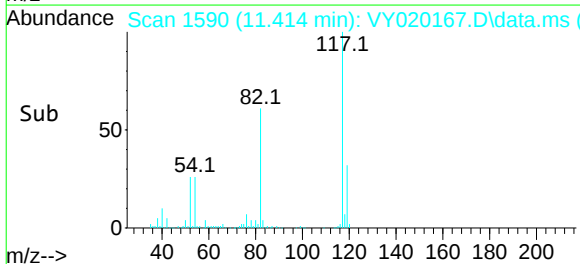
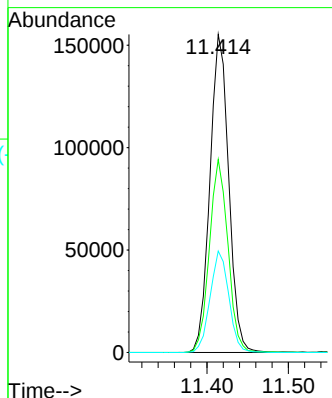
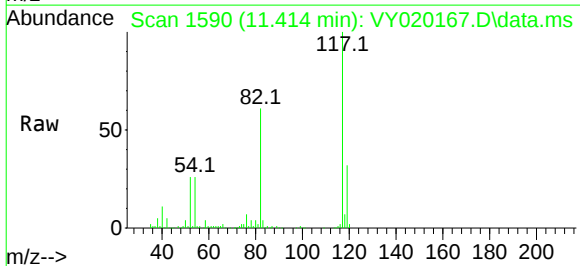
Tgt Ion:117 Resp: 249283

Ion Ratio Lower Upper

117 100

82 60.7 42.4 63.6

119 31.9 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: VY020167.D

Acq: 05 Nov 2024 15:19

Tgt Ion:152 Resp: 86868

Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 157.8 0.0 345.6

