

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020024.D
 Acq On : 25 Oct 2024 14:12
 Operator : SY/MD
 Sample : P4547-07
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-20-VOC

Quant Time: Oct 26 00:22:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	186942	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	400396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	374696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	141592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	151114	65.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.300%
35) Dibromofluoromethane	7.634	113	135472	51.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.109	98	499836	51.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.407	95	156865	44.494	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.980%

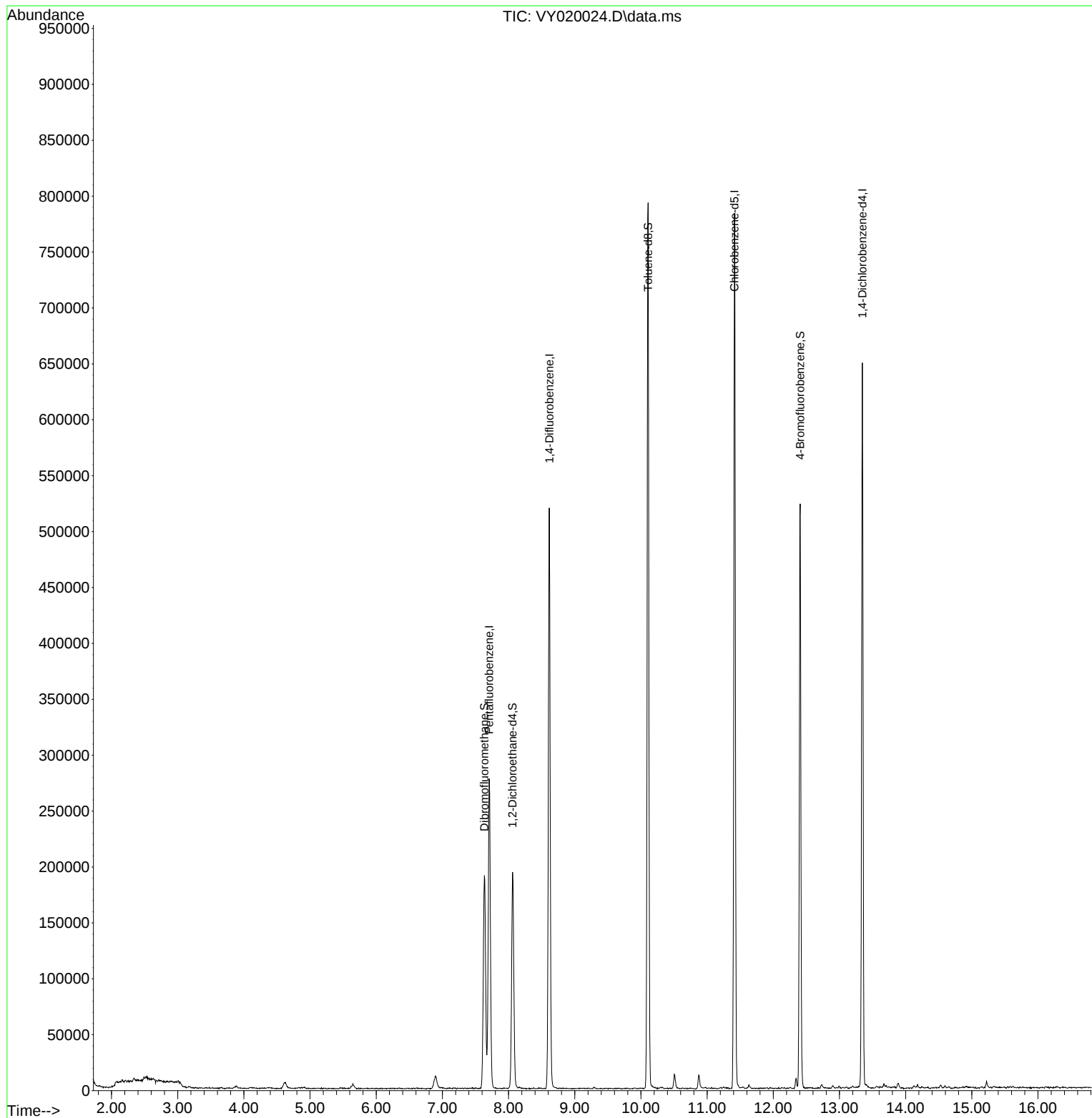
Target Compounds	Qvalue

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

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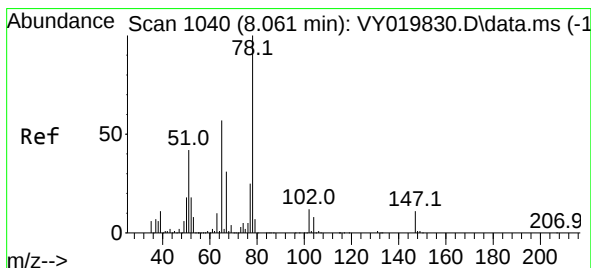
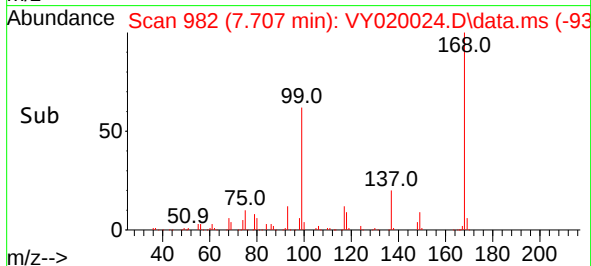
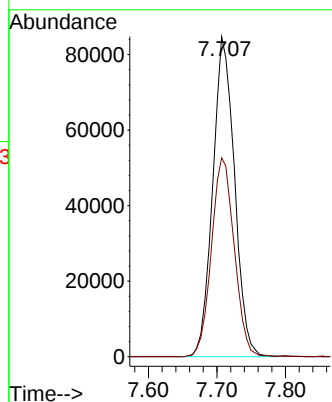
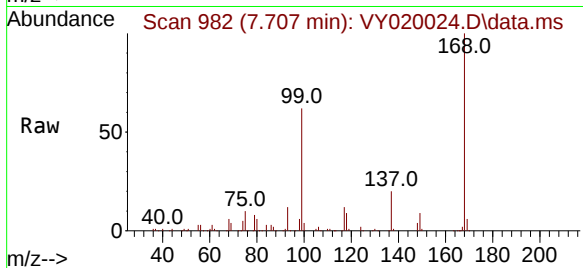




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY020024.D
Acq: 25 Oct 2024 14:12

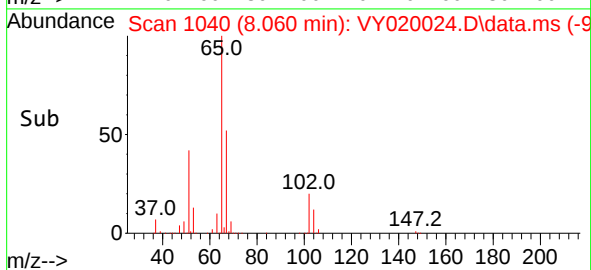
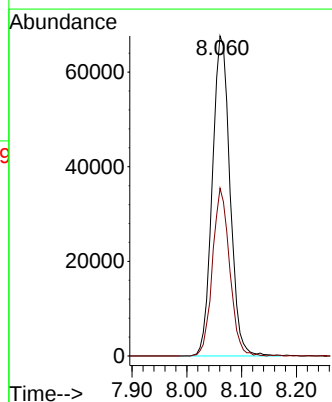
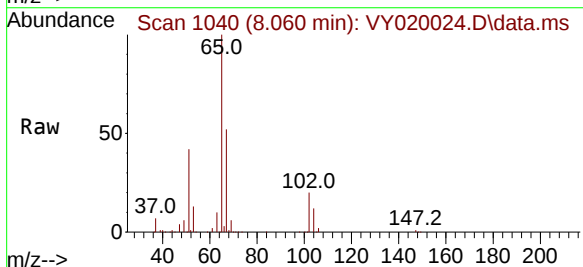
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-20-VOC

Tgt Ion:168 Resp: 186942
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 65.650 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020024.D
Acq: 25 Oct 2024 14:12

Tgt Ion: 65 Resp: 151114
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

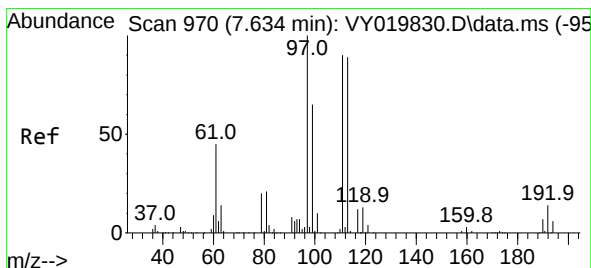
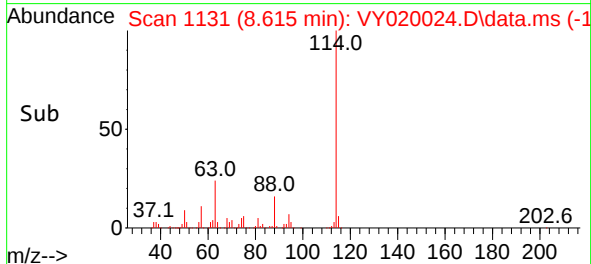
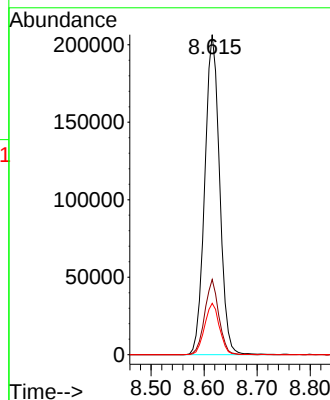
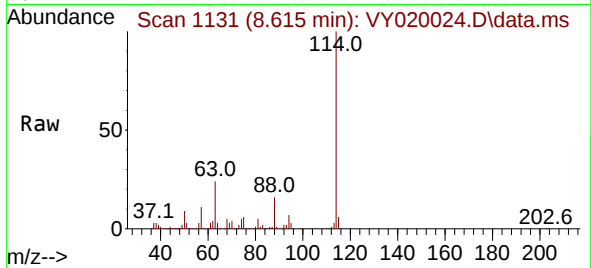




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020024.D
Acq: 25 Oct 2024 14:12

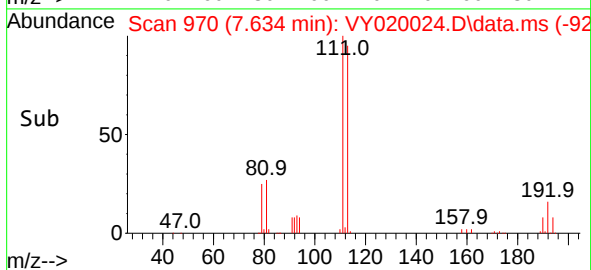
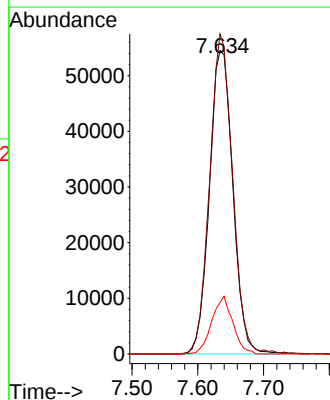
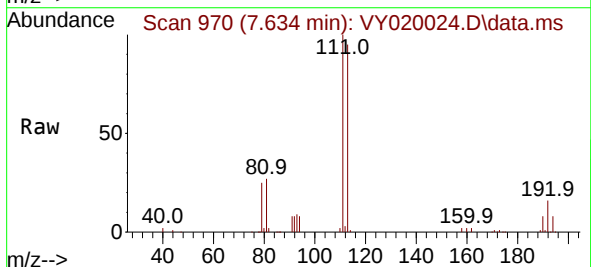
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-20-VOC

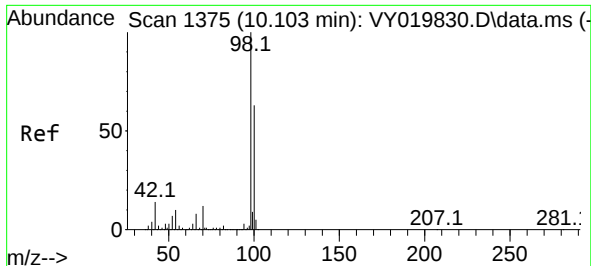
Tgt Ion:114 Resp: 400396
Ion Ratio Lower Upper
114 100
63 23.5 0.0 35.0
88 16.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.273 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020024.D
Acq: 25 Oct 2024 14:12

Tgt Ion:113 Resp: 135472
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.0 15.9 23.9

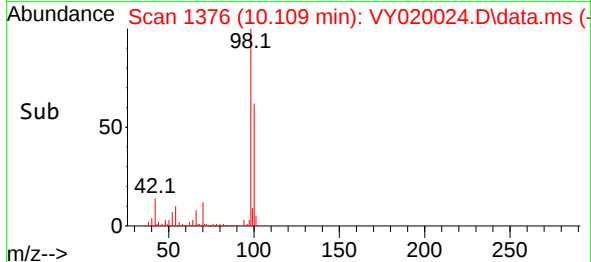
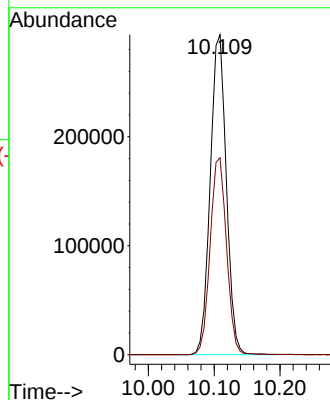
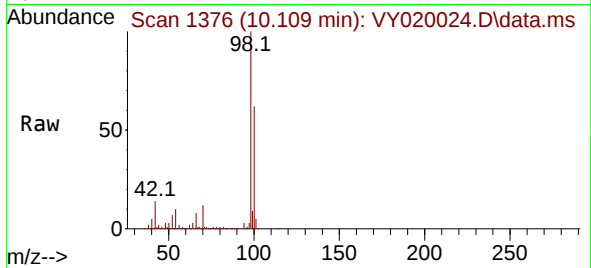




#50
Toluene-d8
Concen: 51.227 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY020024.D
Acq: 25 Oct 2024 14:12

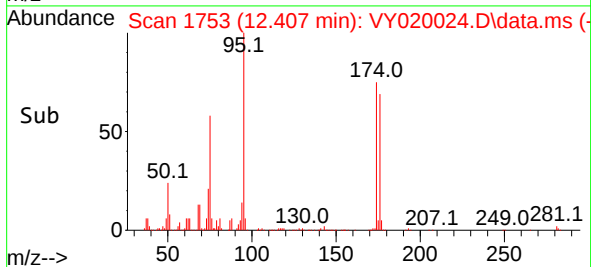
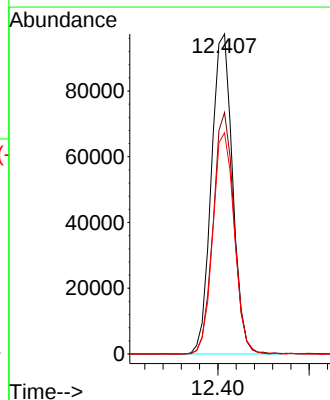
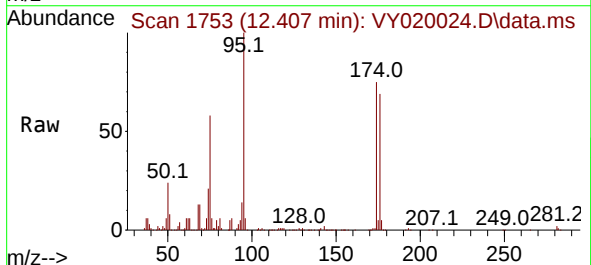
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-20-VOC

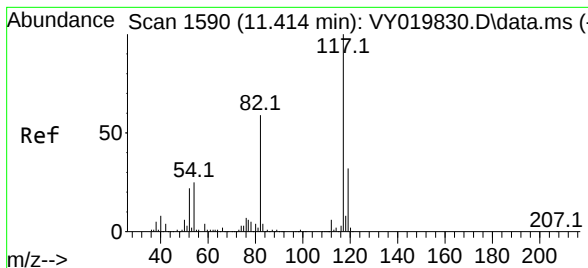
Tgt Ion: 98 Resp: 499836
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020024.D
Acq: 25 Oct 2024 14:12

Tgt Ion: 95 Resp: 156865
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 70.2 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: VY020024.D

Acq: 25 Oct 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

BP-F-20-VOC

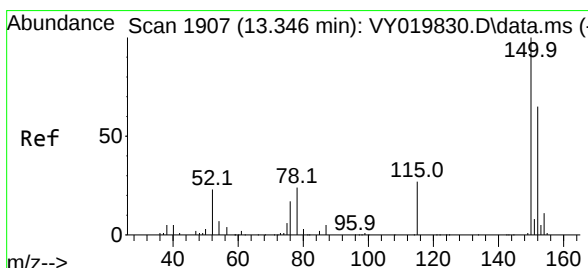
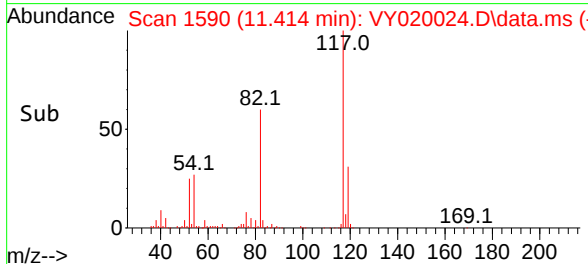
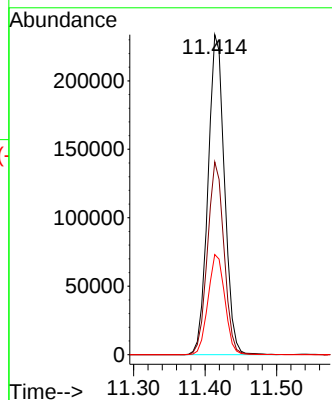
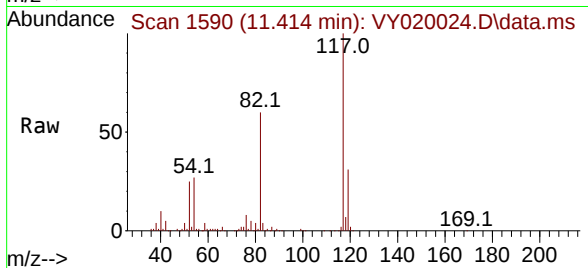
Tgt Ion:117 Resp: 374696

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

119 31.3 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: VY020024.D

Acq: 25 Oct 2024 14:12

Tgt Ion:152 Resp: 141592

Ion Ratio Lower Upper

152 100

115 62.7 28.2 84.7

150 157.7 0.0 345.6

