

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019897.D
 Acq On : 15 Oct 2024 11:16
 Operator : SY/MD
 Sample : VY1015SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBL01

Quant Time: Oct 16 02:45:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	278752	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	563076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	499920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	188017	54.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.560%
35) Dibromofluoromethane	7.640	113	185330	49.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.109	98	683302	49.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.408	95	205261	41.400	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.800%

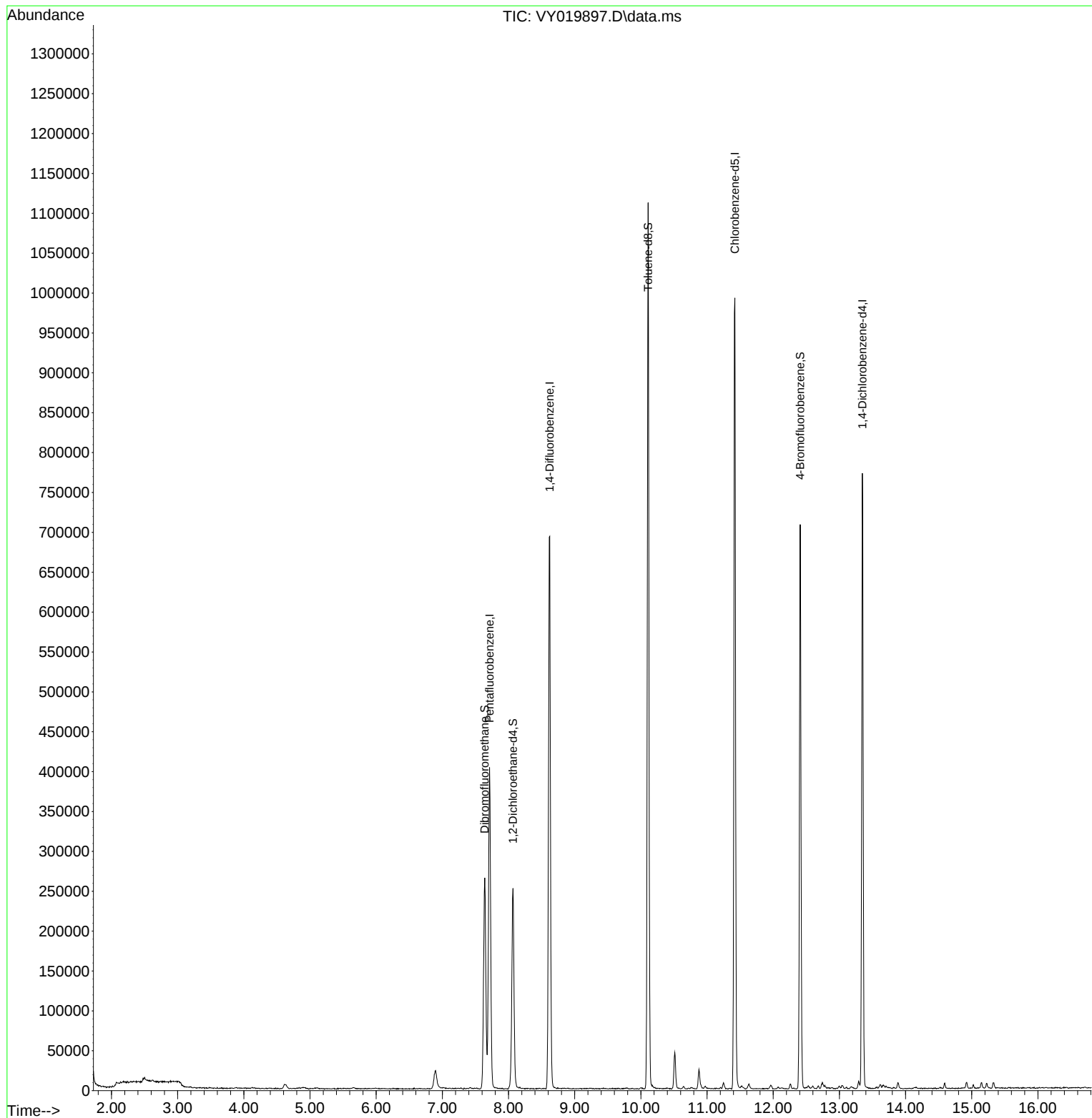
Target Compounds	Qvalue

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

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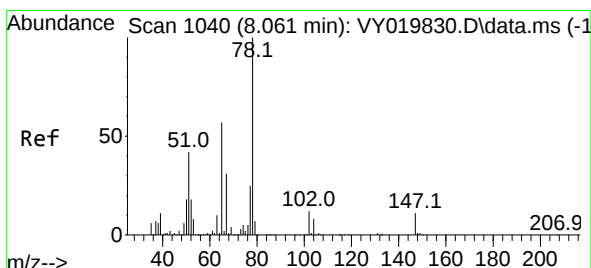
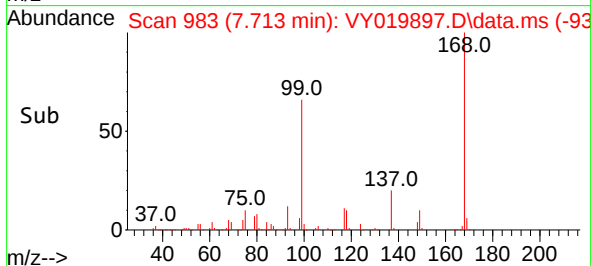
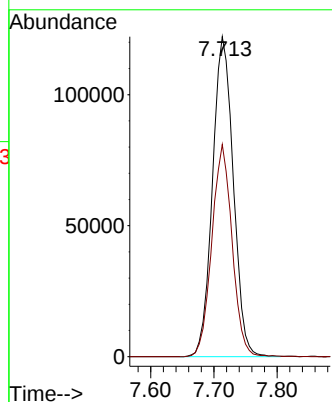
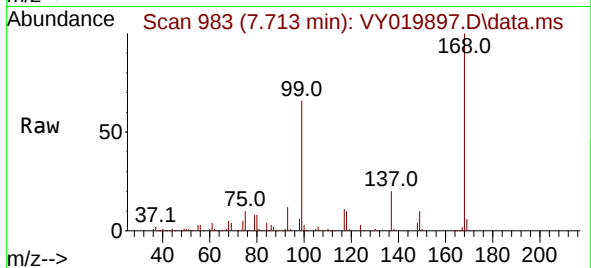




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

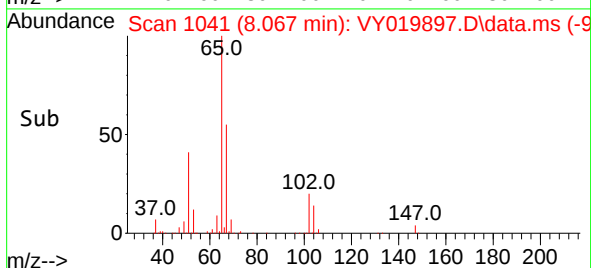
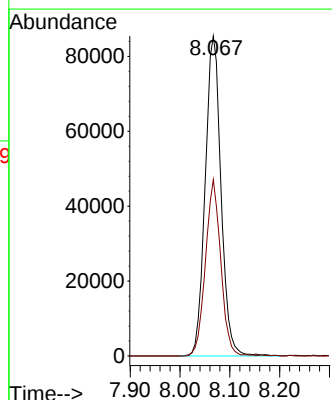
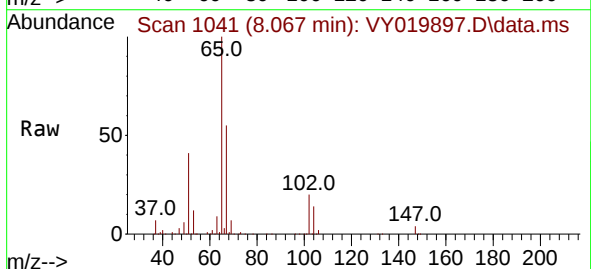
Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

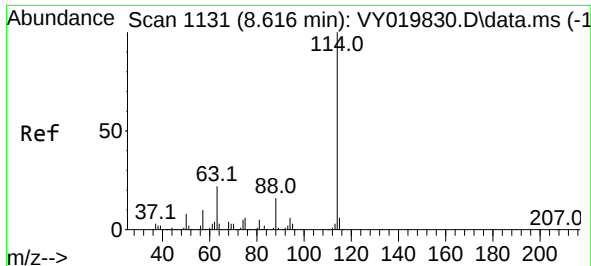
Tgt Ion:168 Resp: 278752
Ion Ratio Lower Upper
168 100
99 66.3 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.779 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Tgt Ion: 65 Resp: 188017
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBL01

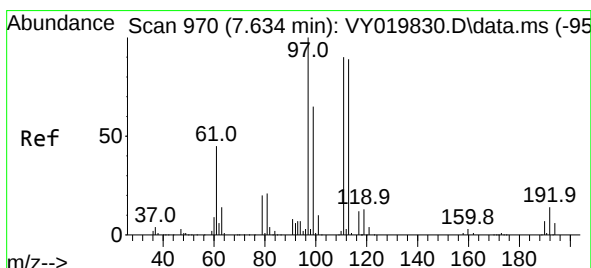
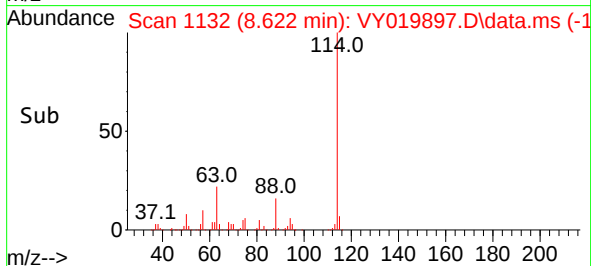
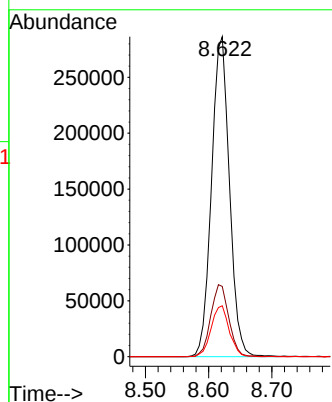
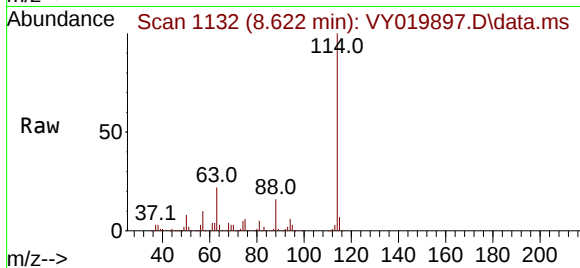
Tgt Ion:114 Resp: 563076

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.878 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

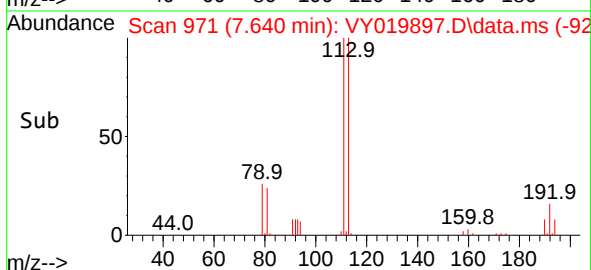
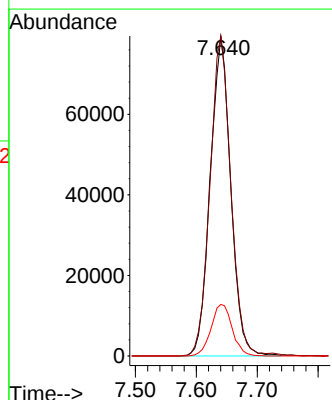
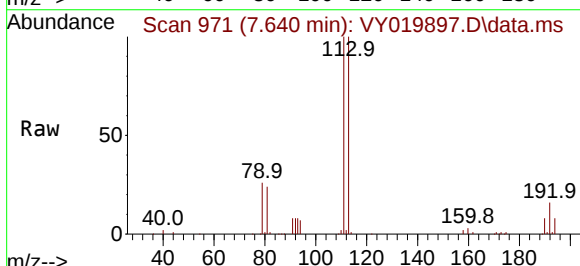
Tgt Ion:113 Resp: 185330

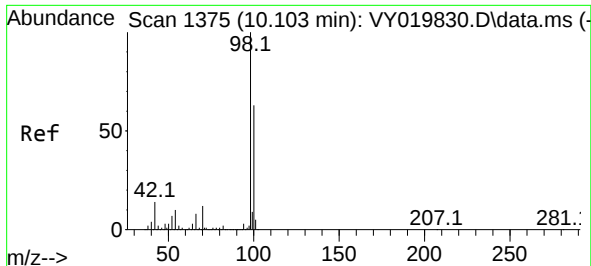
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 16.6 15.9 23.9

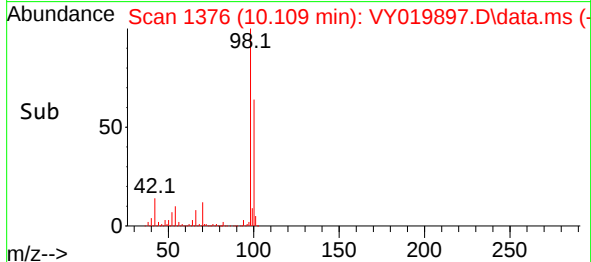
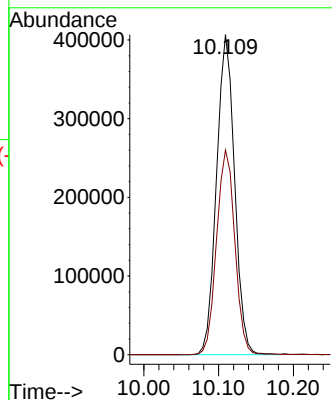
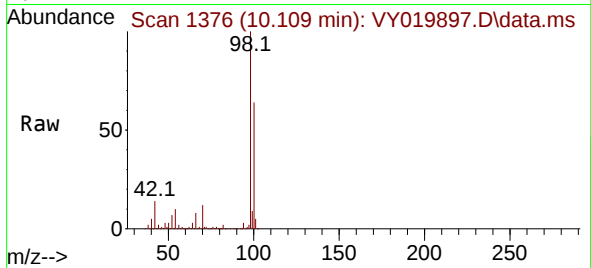




#50
Toluene-d8
Concen: 49.798 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

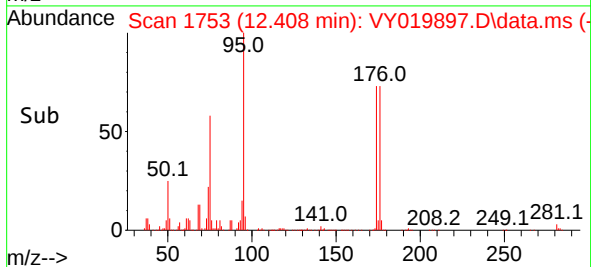
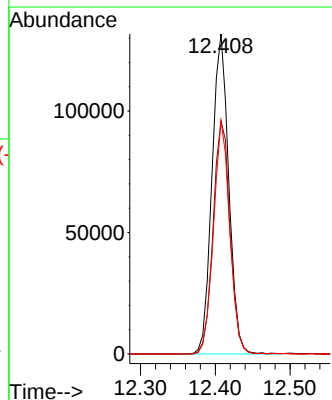
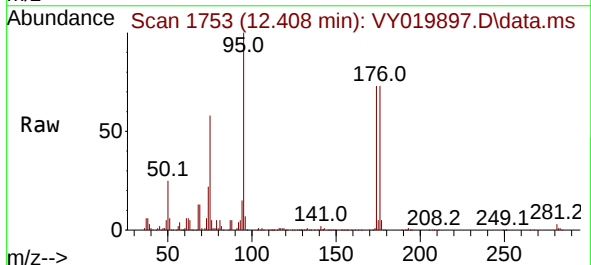
Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBL01

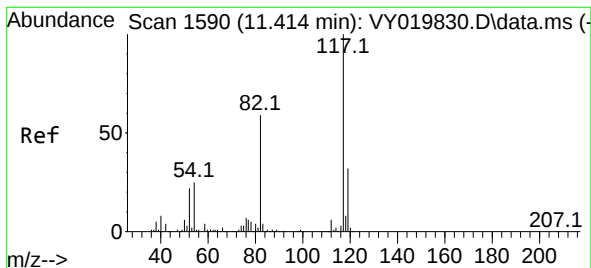
Tgt Ion: 98 Resp: 683302
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.400 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019897.D
Acq: 15 Oct 2024 11:16

Tgt Ion: 95 Resp: 205261
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 70.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019897.D

Acq: 15 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBL01

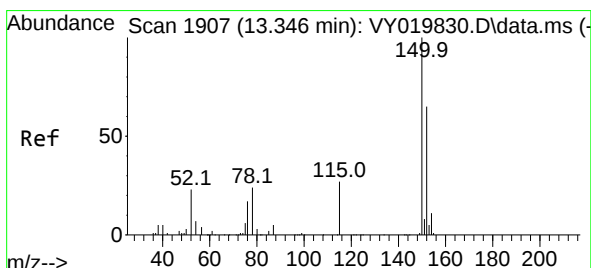
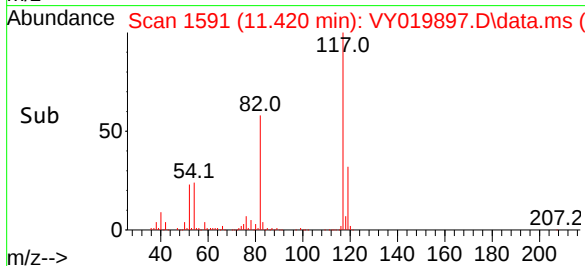
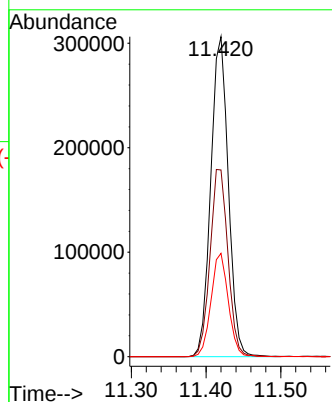
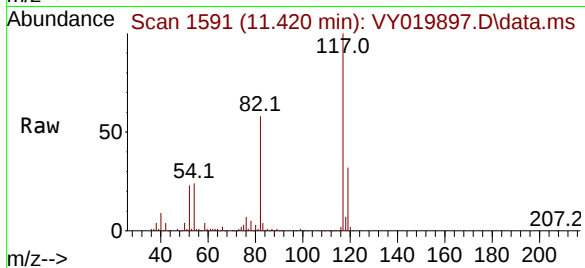
Tgt Ion:117 Resp: 499920

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 32.3 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: VY019897.D

Acq: 15 Oct 2024 11:16

Tgt Ion:152 Resp: 171072

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 158.3 0.0 345.6

