

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020599.D
 Acq On : 13 Dec 2024 10:28
 Operator : SY/MD
 Sample : VY1213SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBL01

Quant Time: Dec 13 22:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	220853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	378603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	309853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	110939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	115998	51.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.280%
35) Dibromofluoromethane	7.646	113	117533	49.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.115	98	457592	50.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.414	95	130483	41.107	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.220%

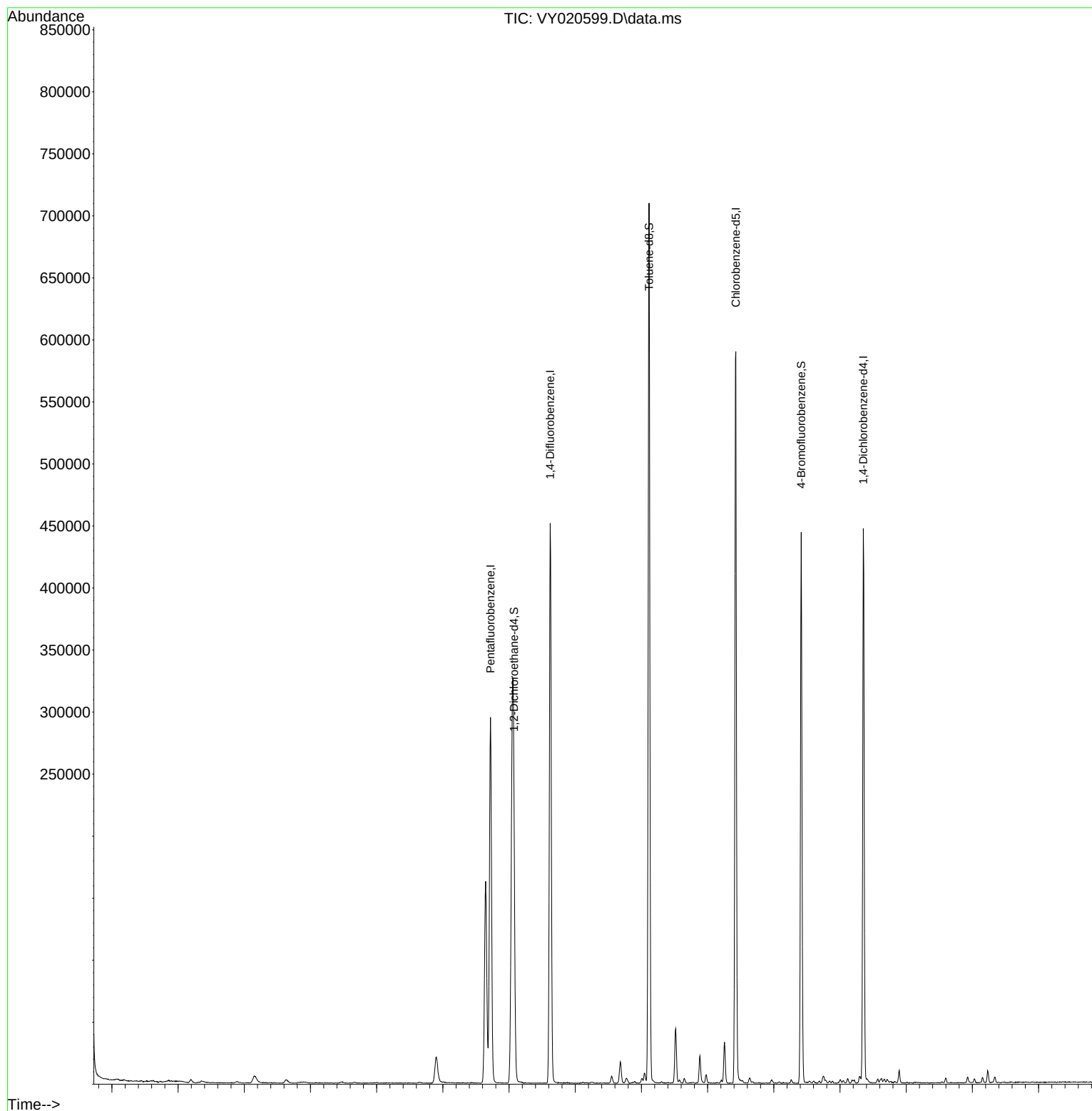
Target Compounds	Qvalue

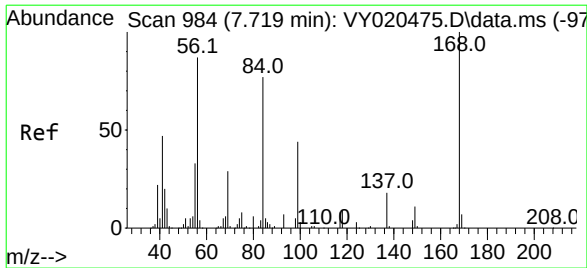
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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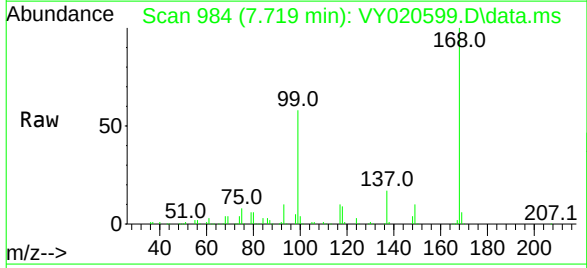
Quant Time: Dec 13 22:26:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
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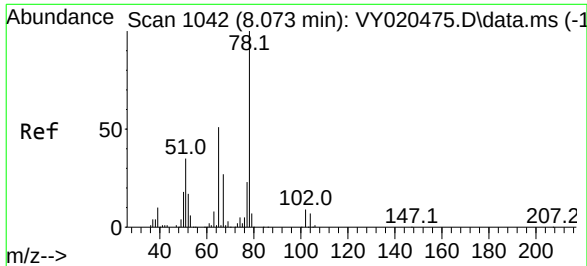
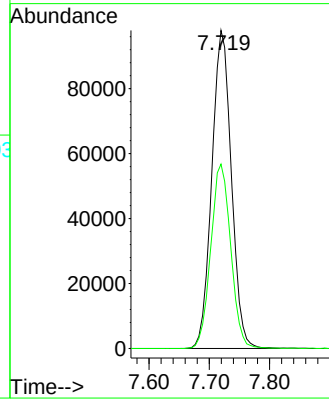
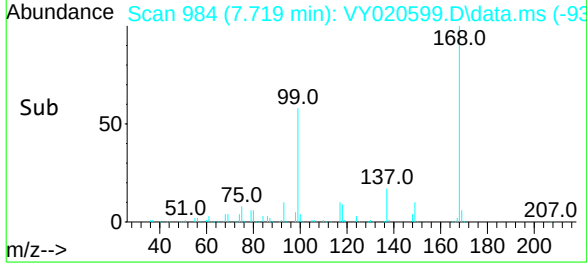


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020599.D
Acq: 13 Dec 2024 10:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBL01

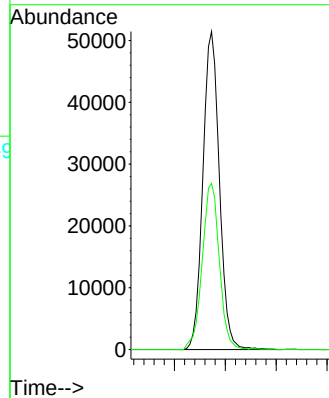
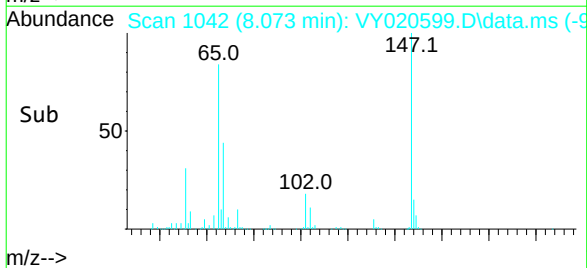
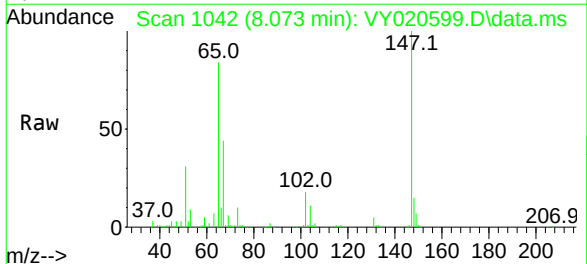


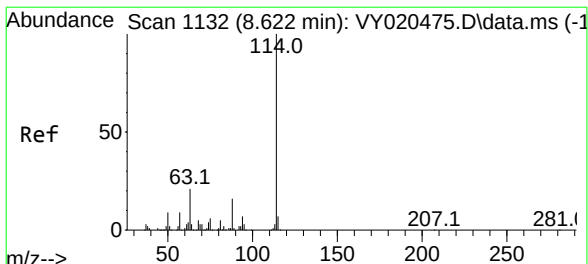
Tgt Ion:168 Resp: 220853
Ion Ratio Lower Upper
168 100
99 58.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 51.644 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY020599.D
Acq: 13 Dec 2024 10:28

Tgt Ion: 65 Resp: 115998
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

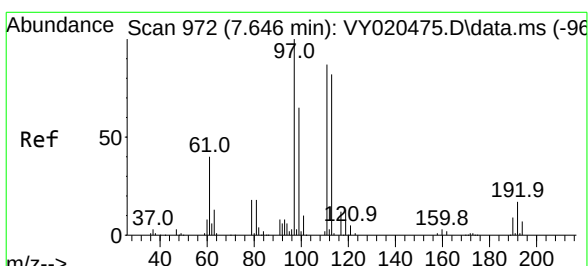
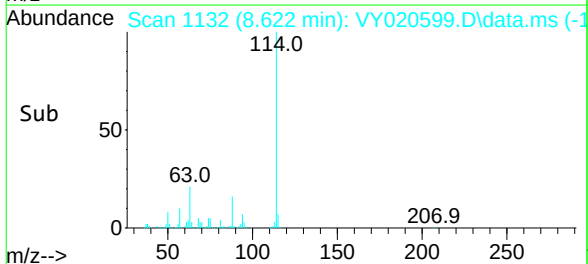
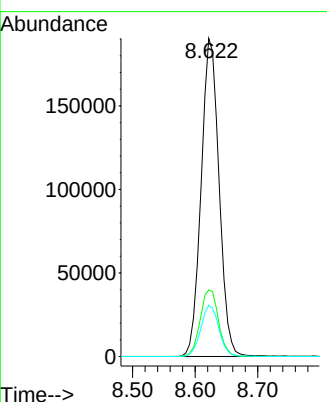
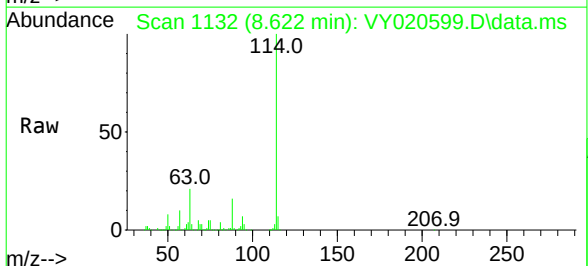




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020599.D
 Acq: 13 Dec 2024 10:28

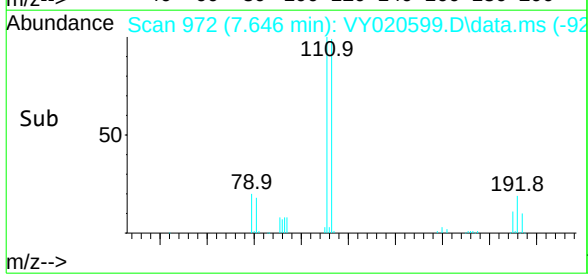
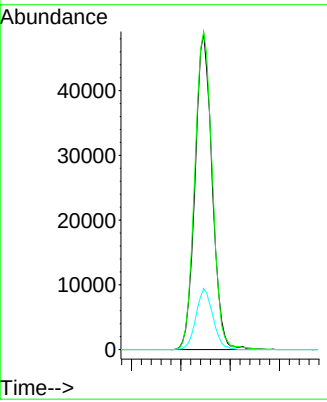
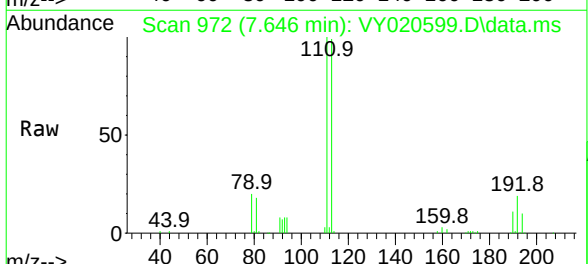
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBL01

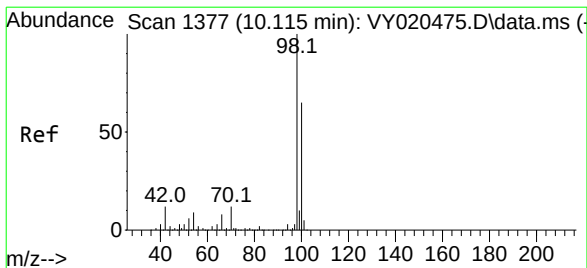
Tgt Ion:	114	Resp:	378603
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.8
88	16.1	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.311 ug/l
 RT: 7.646 min Scan# 972
 Delta R.T. -0.000 min
 Lab File: VY020599.D
 Acq: 13 Dec 2024 10:28

Tgt Ion:	113	Resp:	117533
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 50.418 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020599.D

Acq: 13 Dec 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

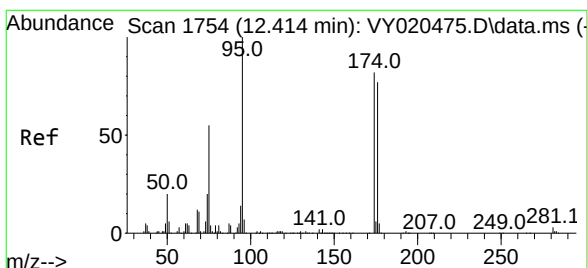
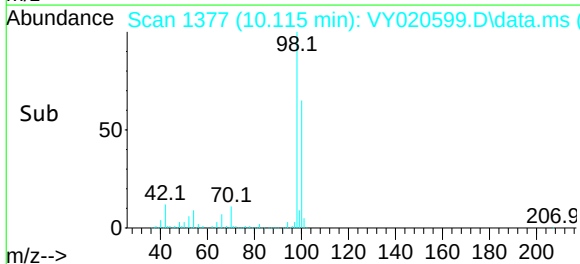
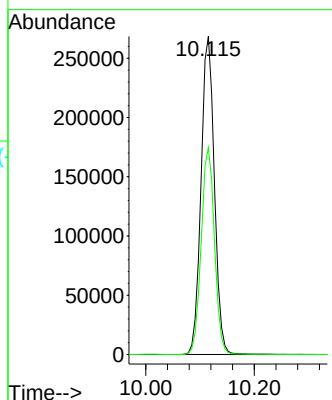
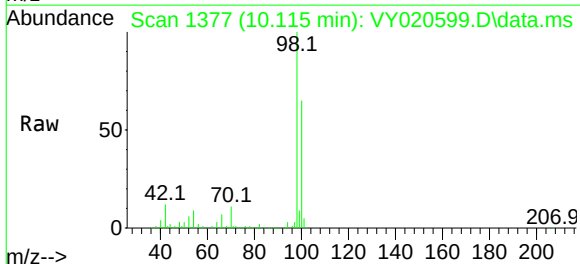
VY1213SBL01

Tgt Ion: 98 Resp: 457592

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 41.107 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020599.D

Acq: 13 Dec 2024 10:28

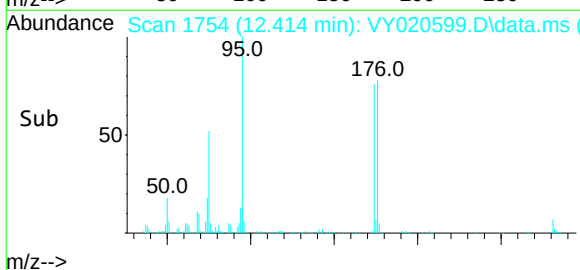
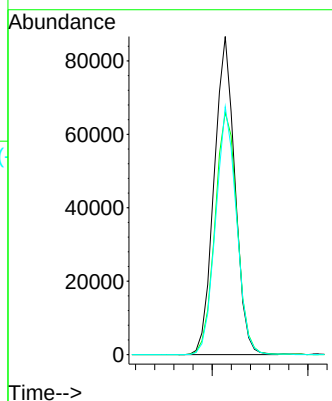
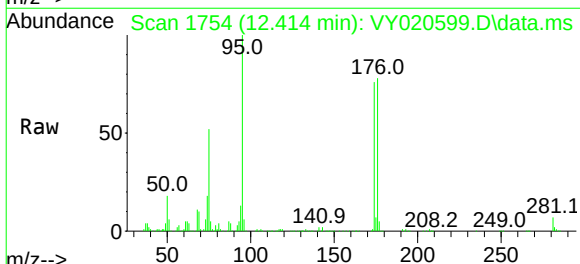
Tgt Ion: 95 Resp: 130483

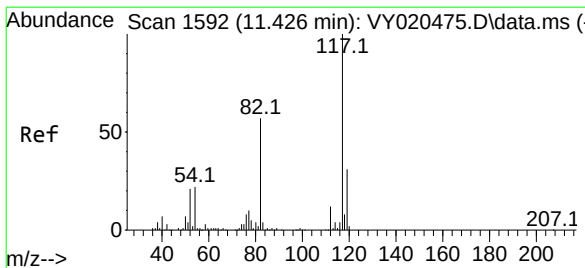
Ion Ratio Lower Upper

95 100

174 81.0 0.0 156.8

176 78.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. -0.000 min

Lab File: VY020599.D

Acq: 13 Dec 2024 10:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBL01

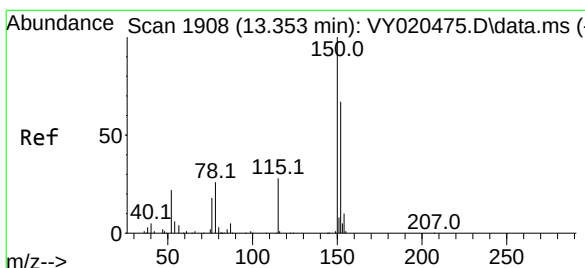
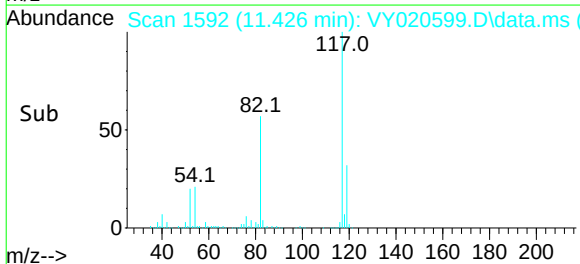
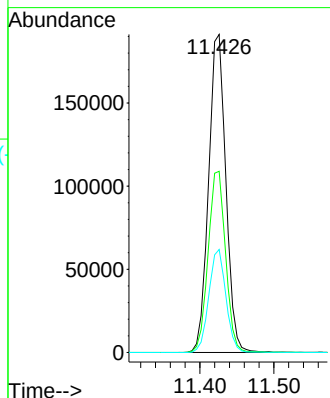
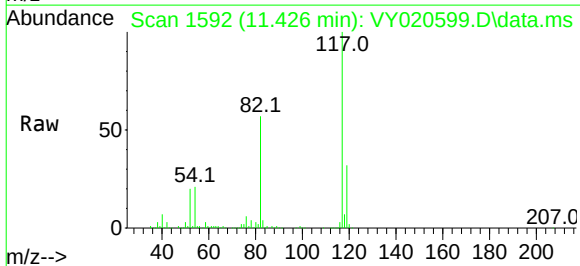
Tgt Ion:117 Resp: 309853

Ion Ratio Lower Upper

117 100

82 57.0 48.2 72.4

119 32.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020599.D

Acq: 13 Dec 2024 10:28

Tgt Ion:152 Resp: 110939

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 159.2 0.0 348.2

