

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021711.D
 Acq On : 31 Mar 2025 11:04
 Operator : SY/MD
 Sample : VY0331SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBL01

Quant Time: Apr 01 05:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	372547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	140307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123723	50.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.920%
35) Dibromofluoromethane	7.634	113	137529	50.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.109	98	510346	48.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.408	95	150957	42.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.520%

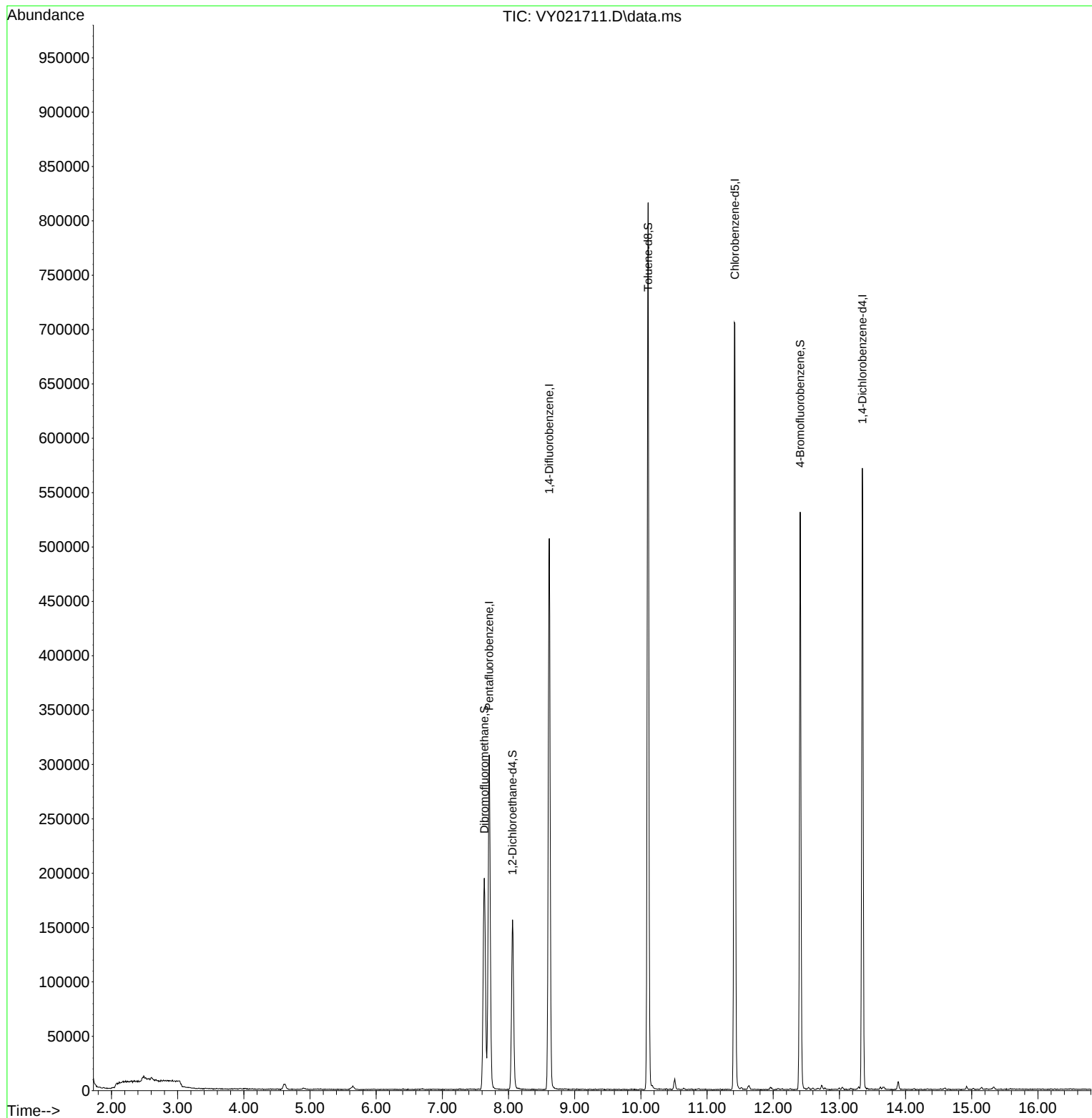
Target Compounds	Qvalue

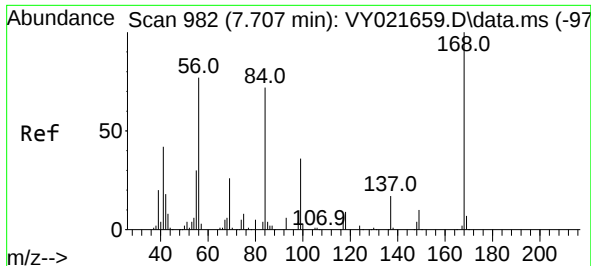
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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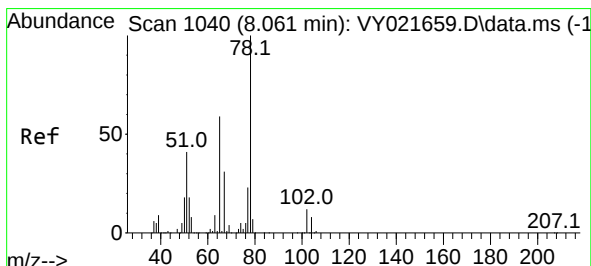
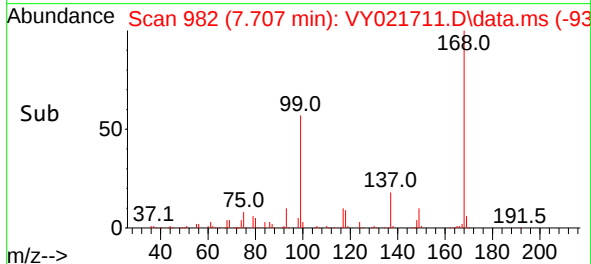
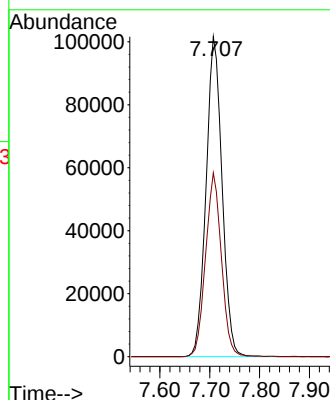
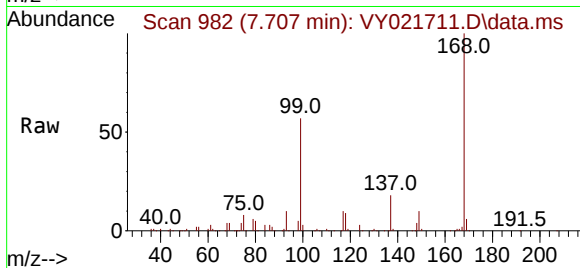




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

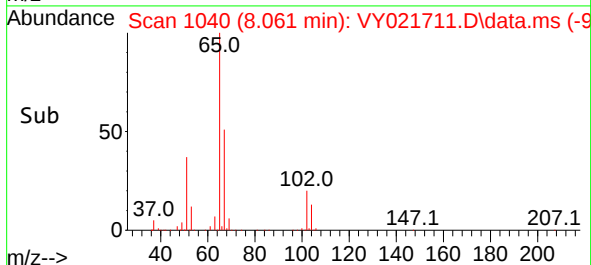
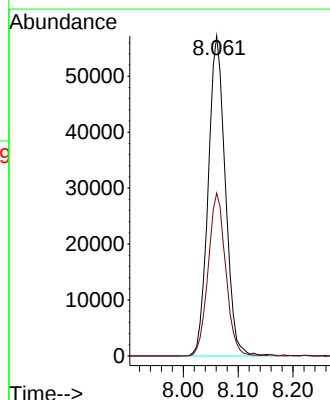
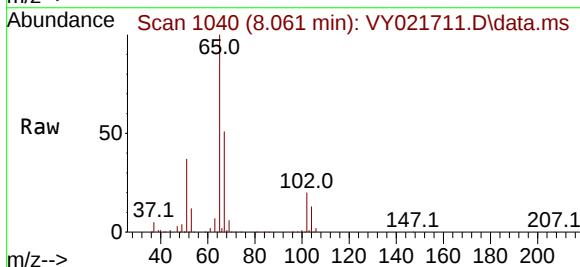
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

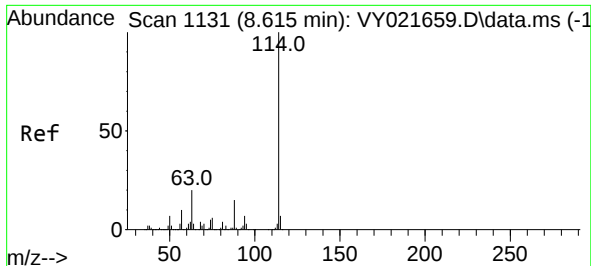
Tgt Ion:168 Resp: 226309
Ion Ratio Lower Upper
168 100
99 57.5 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 50.458 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion: 65 Resp: 123723
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBL01

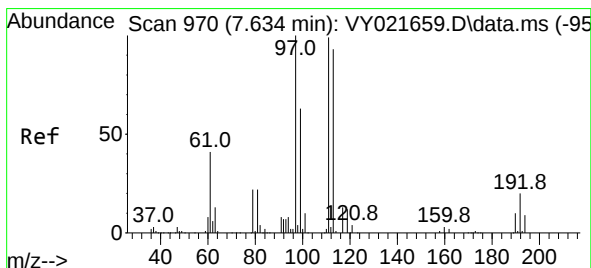
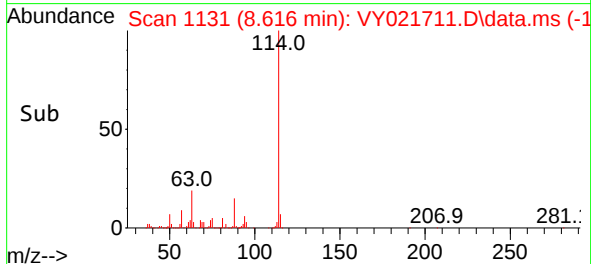
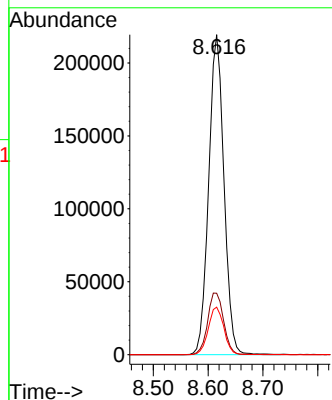
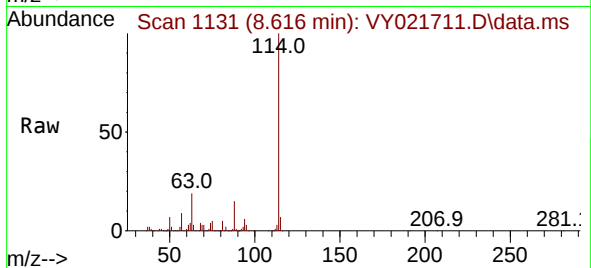
Tgt Ion:114 Resp: 422899

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 14.9 0.0 29.8



#35

Dibromofluoromethane

Concen: 50.133 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

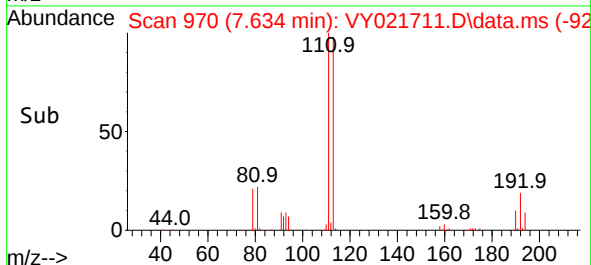
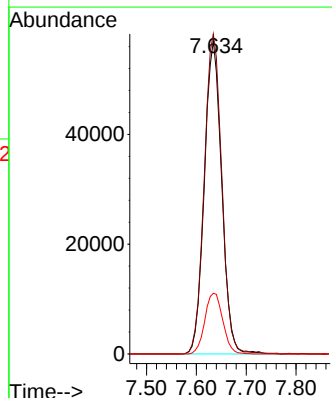
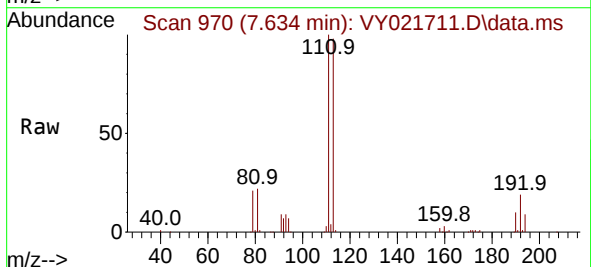
Tgt Ion:113 Resp: 137529

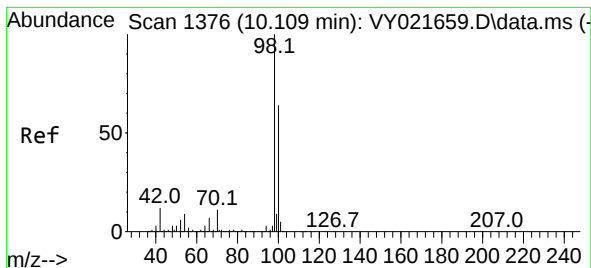
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 20.1 16.2 24.4





#50

Toluene-d8

Concen: 48.901 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

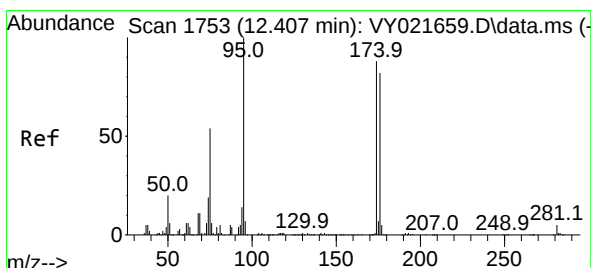
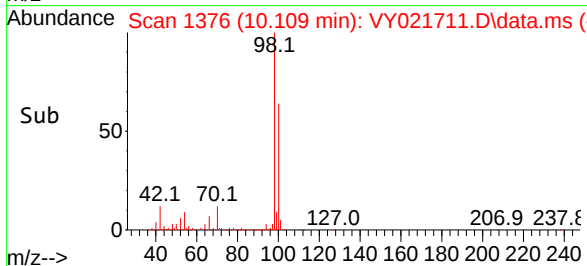
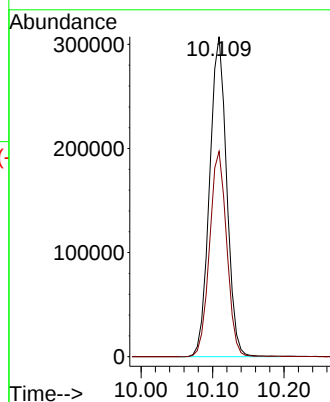
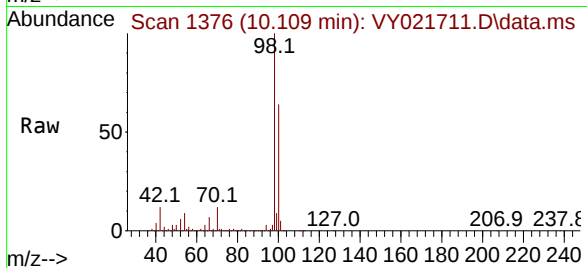
VY0331SBL01

Tgt Ion: 98 Resp: 510346

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 42.764 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

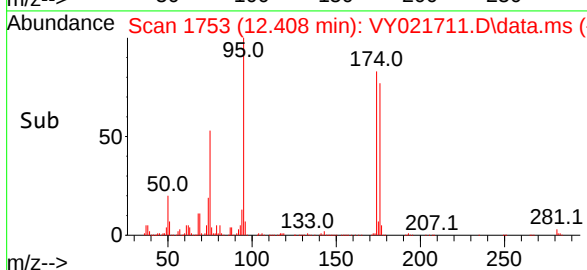
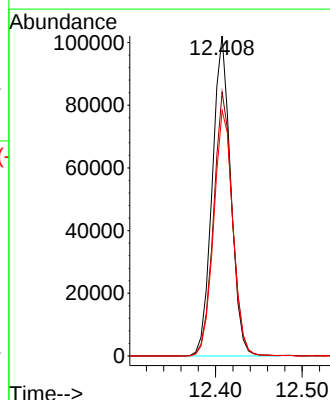
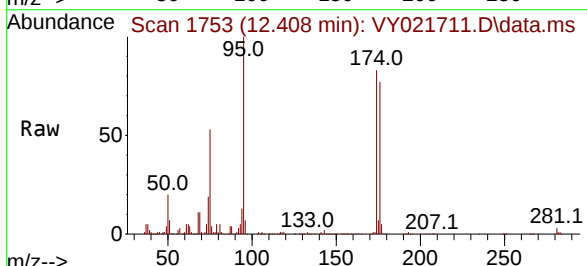
Tgt Ion: 95 Resp: 150957

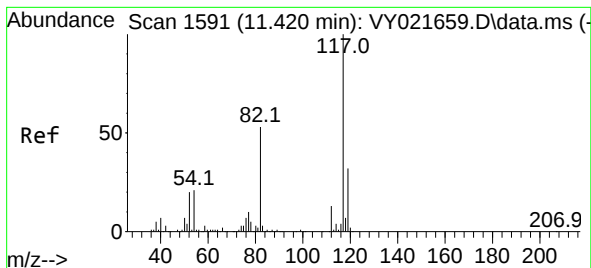
Ion Ratio Lower Upper

95 100

174 83.9 0.0 170.8

176 79.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBL01

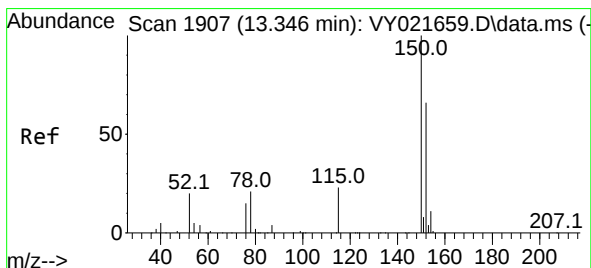
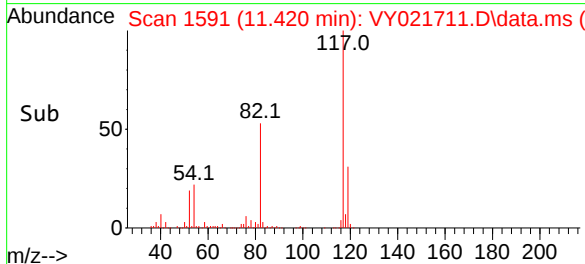
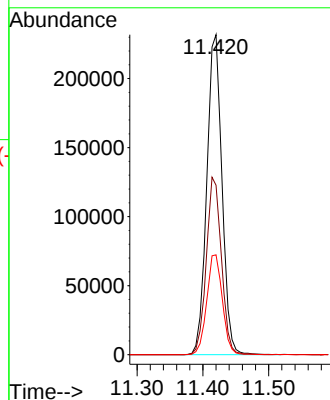
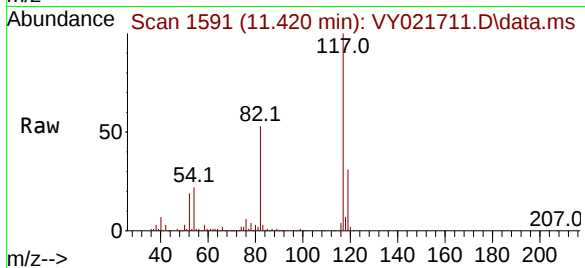
Tgt Ion:117 Resp: 372547

Ion Ratio Lower Upper

117 100

82 53.0 42.8 64.2

119 31.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

Tgt Ion:152 Resp: 140307

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.8 0.0 348.4

