

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021507.D
 Acq On : 12 Mar 2025 14:23
 Operator : SY/MD
 Sample : Q1524-02
 Misc : 5.05g/5.3mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Mar 13 01:37:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	71751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	106829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	82149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	26225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	35355	46.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.240%
35) Dibromofluoromethane	7.634	113	36207	51.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.120%
50) Toluene-d8	10.109	98	123497	46.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.408	95	27637	30.558	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.120%

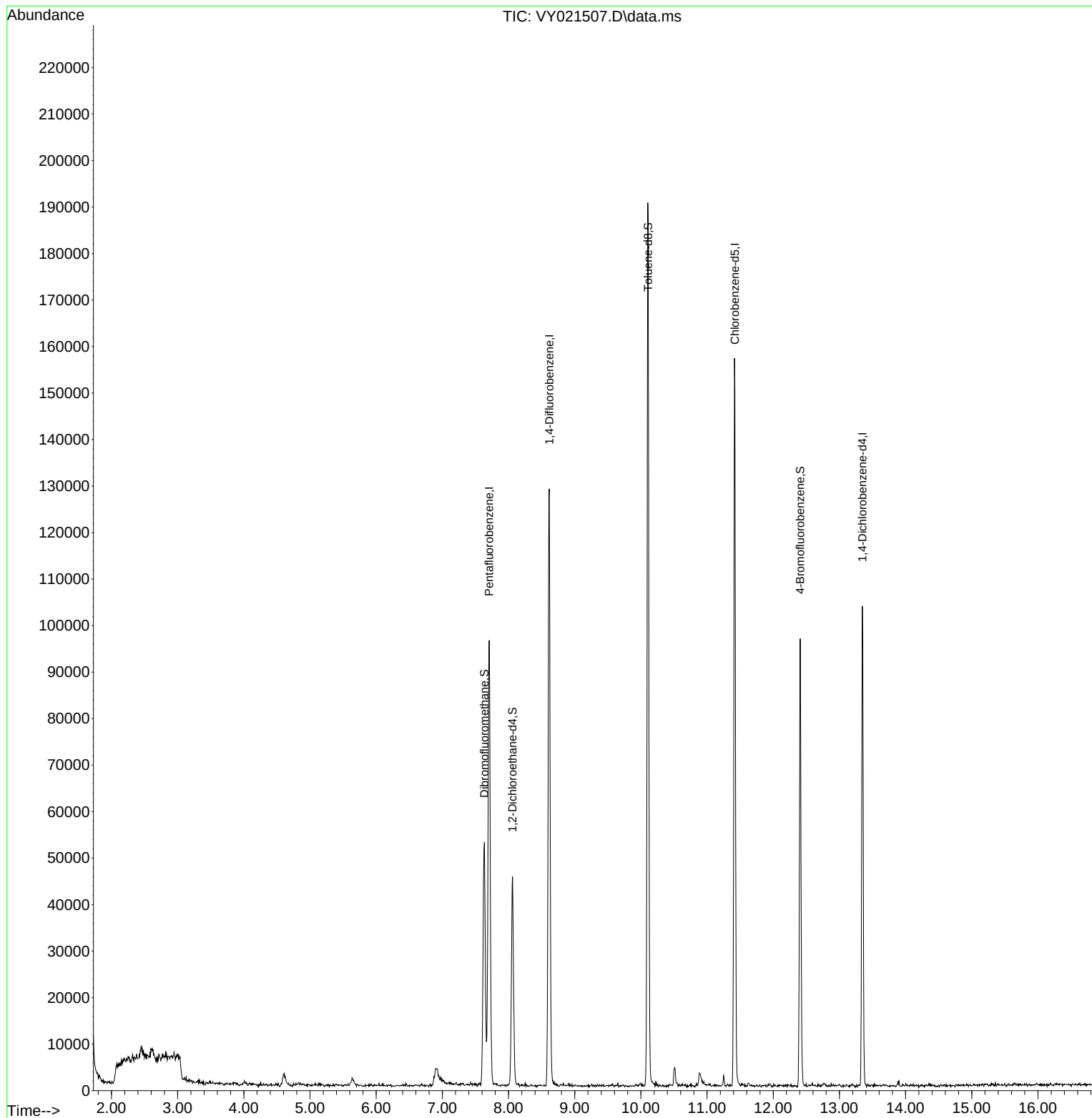
Target Compounds	Qvalue

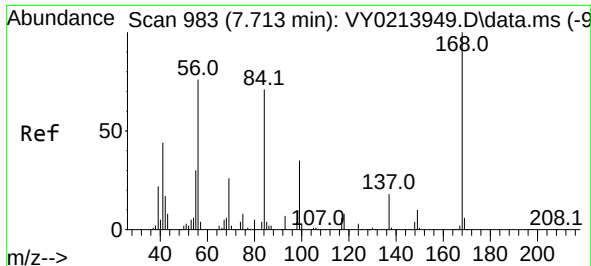
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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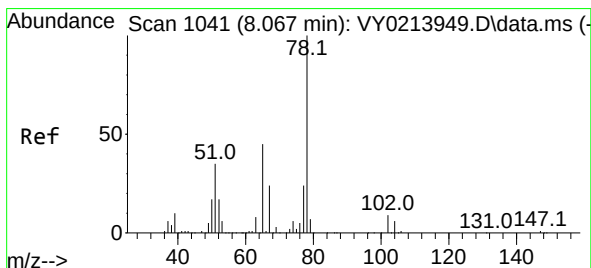
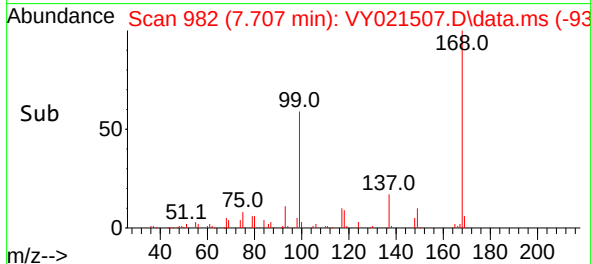
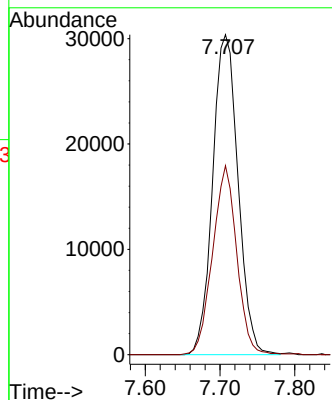
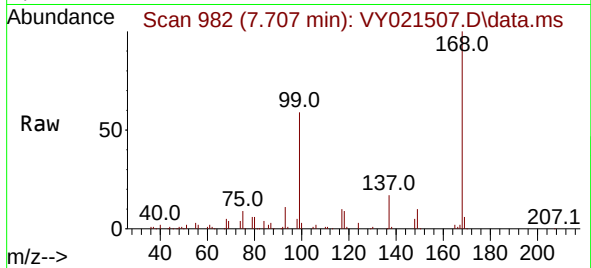




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021507.D
Acq: 12 Mar 2025 14:23

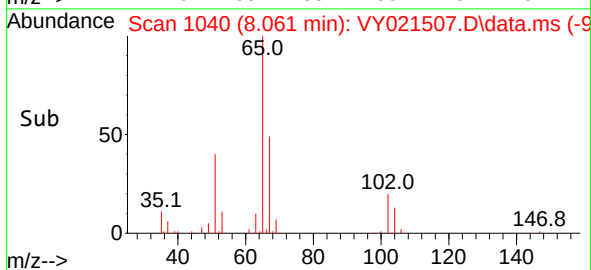
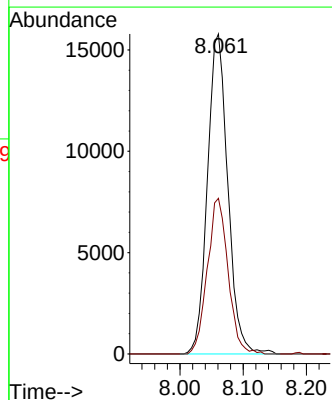
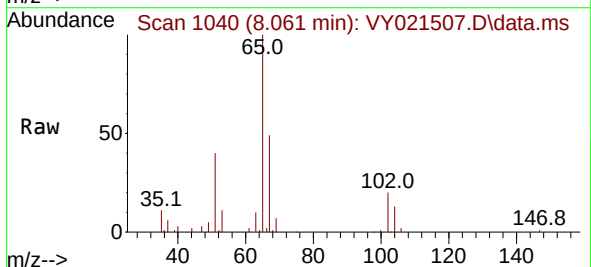
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

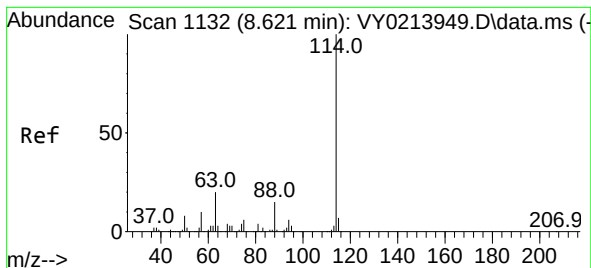
Tgt Ion:168 Resp: 71751
Ion Ratio Lower Upper
168 100
99 59.1 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 46.620 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021507.D
Acq: 12 Mar 2025 14:23

Tgt Ion: 65 Resp: 35355
Ion Ratio Lower Upper
65 100
67 49.5 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021507.D

Acq: 12 Mar 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

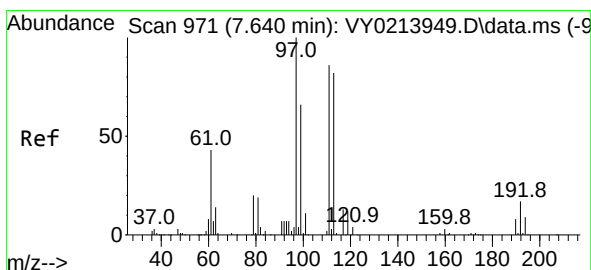
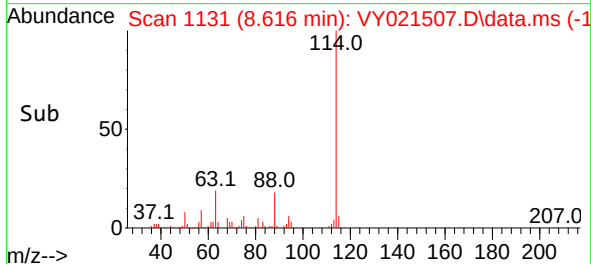
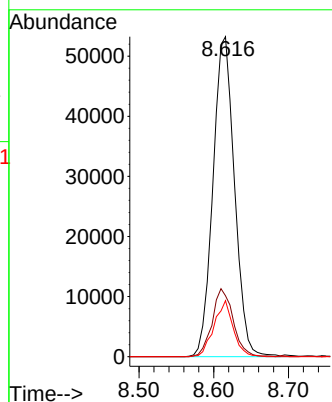
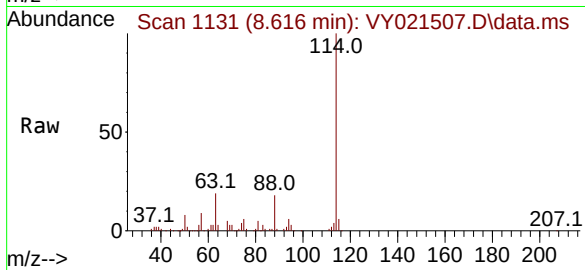
Tgt Ion:114 Resp: 106829

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 17.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.562 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021507.D

Acq: 12 Mar 2025 14:23

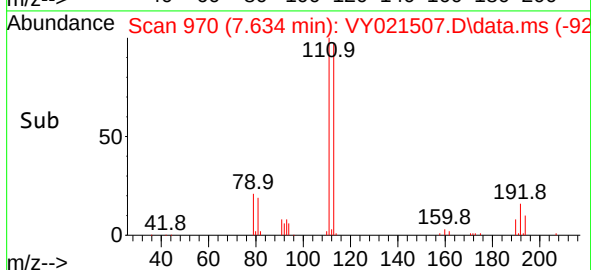
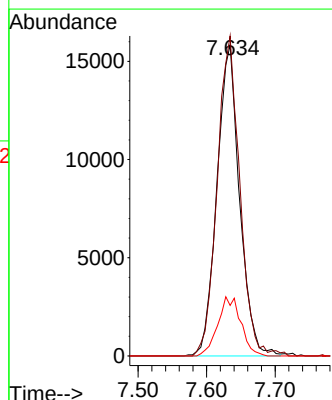
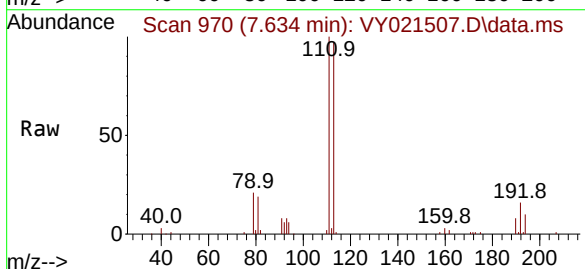
Tgt Ion:113 Resp: 36207

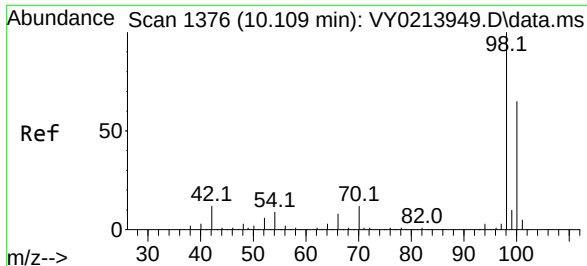
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 19.4 15.9 23.9

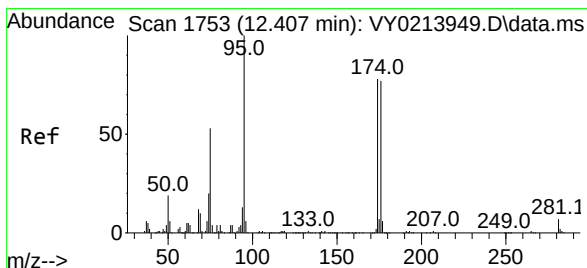
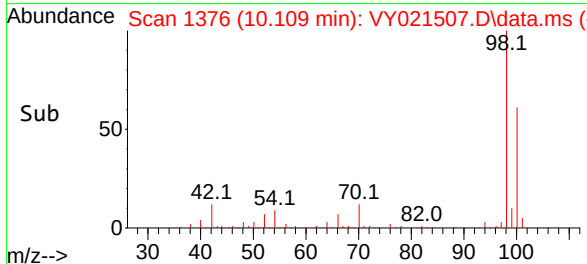
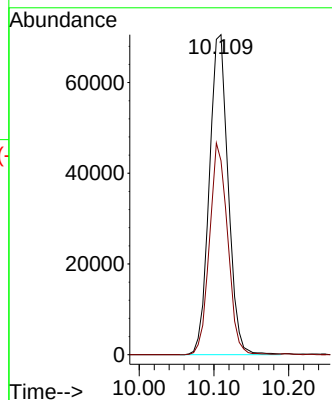
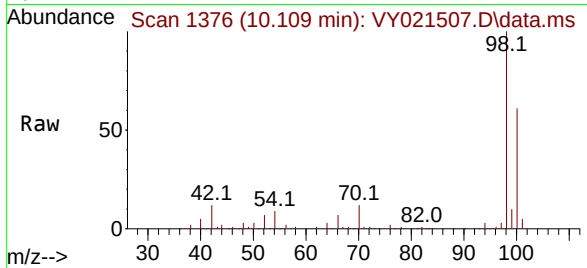




#50
Toluene-d8
Concen: 46.449 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021507.D
Acq: 12 Mar 2025 14:23

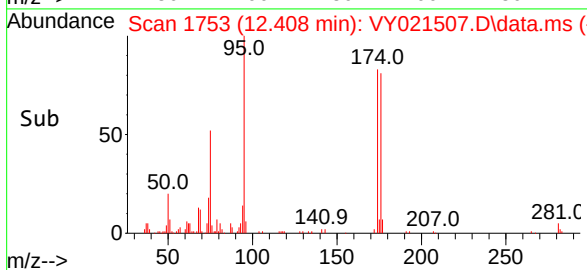
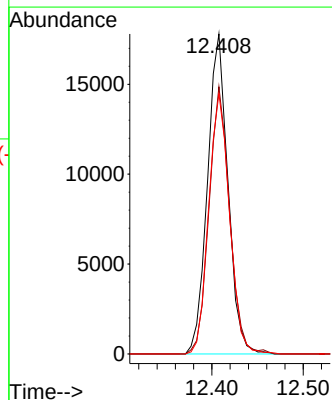
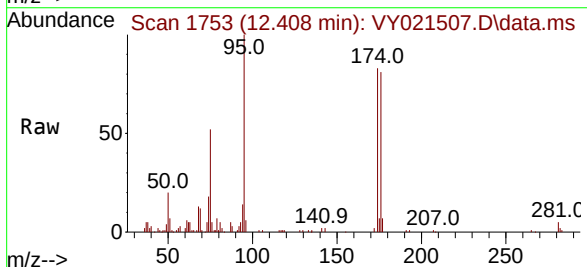
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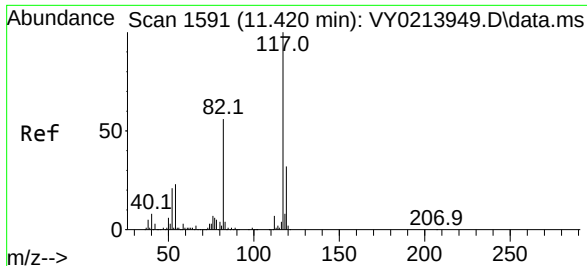
Tgt Ion: 98 Resp: 123497
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 30.558 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021507.D
Acq: 12 Mar 2025 14:23

Tgt Ion: 95 Resp: 27637
Ion Ratio Lower Upper
95 100
174 83.7 0.0 165.0
176 83.0 0.0 160.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021507.D

Acq: 12 Mar 2025 14:23

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

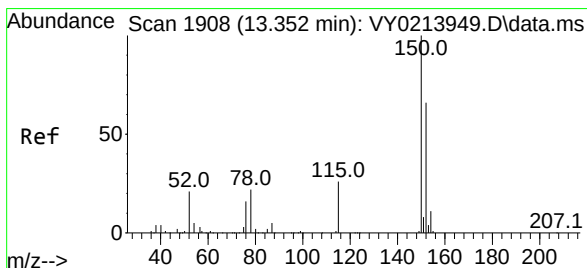
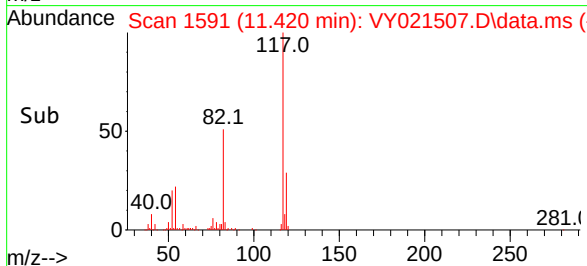
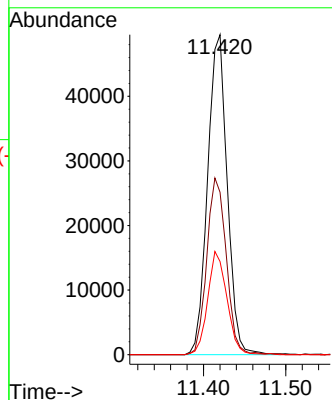
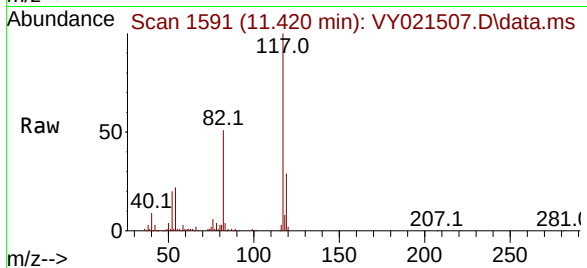
Tgt Ion:117 Resp: 82149

Ion Ratio Lower Upper

117 100

82 50.8 44.6 67.0

119 29.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021507.D

Acq: 12 Mar 2025 14:23

Tgt Ion:152 Resp: 26225

Ion Ratio Lower Upper

152 100

115 54.5 29.0 87.0

150 151.3 0.0 347.2

