

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020661.D
 Acq On : 19 Dec 2024 17:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ281

Quant Time: Dec 20 00:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	177964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	322282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101728	52.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.380%
35) Dibromofluoromethane	7.634	113	102125	44.962	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.920%
50) Toluene-d8	10.103	98	385127	48.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.408	95	116648	37.509	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.020%

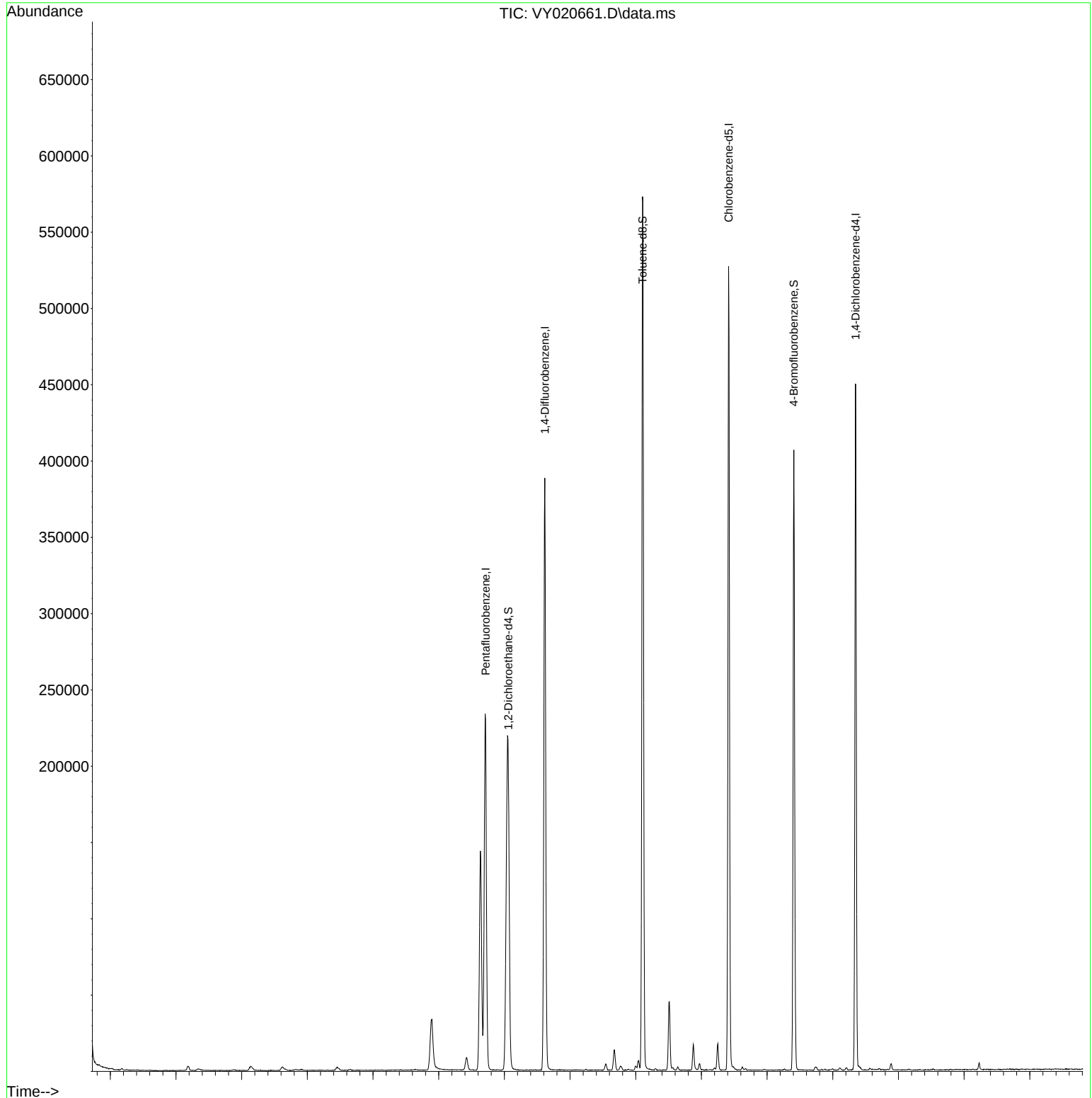
Target Compounds Qvalue

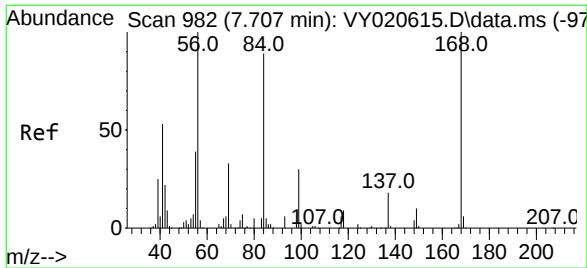
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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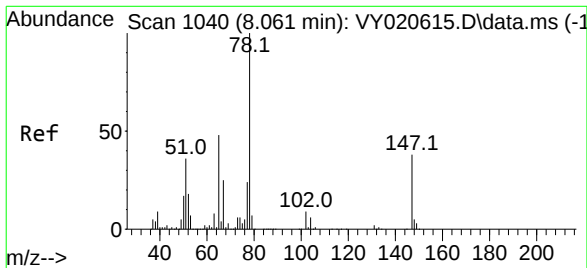
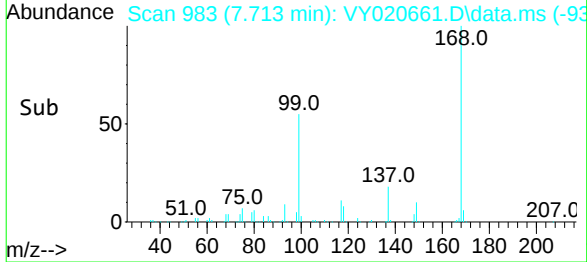
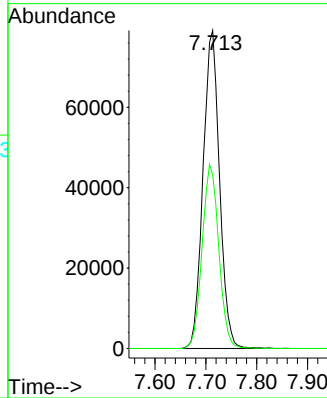
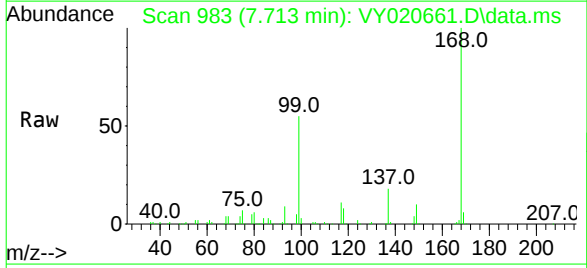




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020661.D
Acq: 19 Dec 2024 17:33

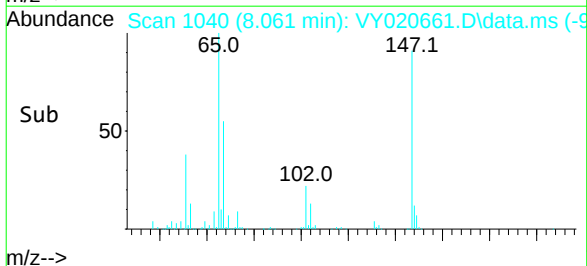
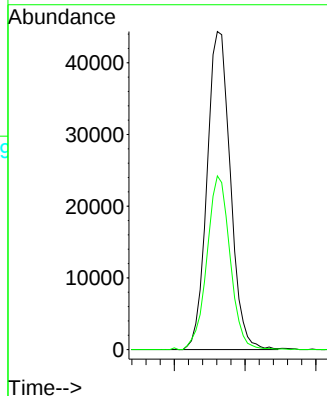
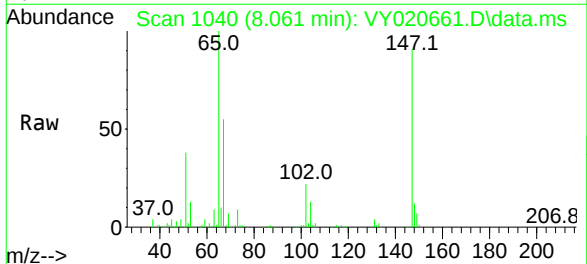
Instrument :
MSVOA_Y
ClientSampleId :
VNJ281

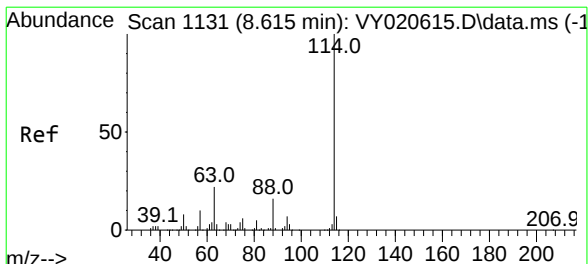
Tgt Ion:168 Resp: 177964
Ion Ratio Lower Upper
168 100
99 54.6 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 52.193 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020661.D
Acq: 19 Dec 2024 17:33

Tgt Ion: 65 Resp: 101728
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.0



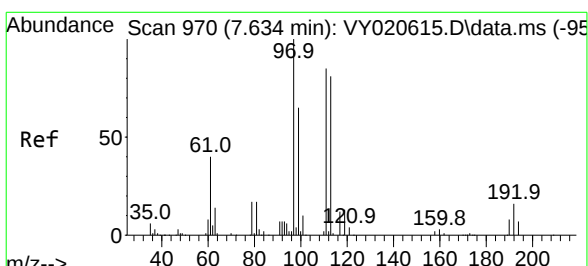
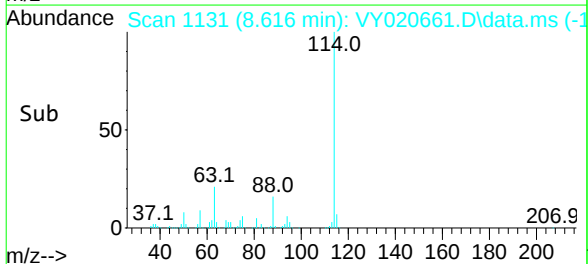
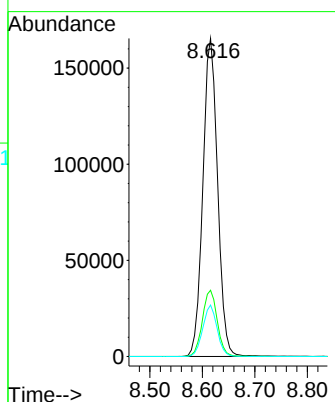
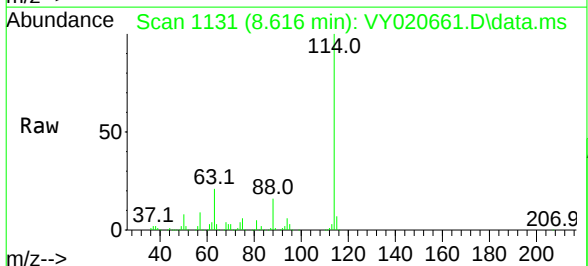


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020661.D
 Acq: 19 Dec 2024 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ281

Tgt Ion:114 Resp: 322282

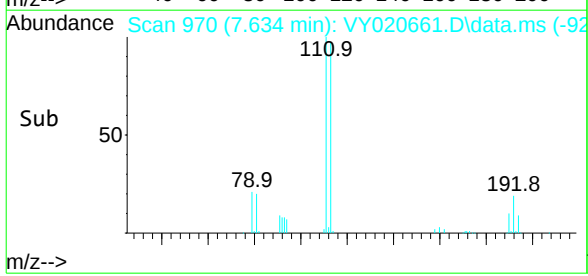
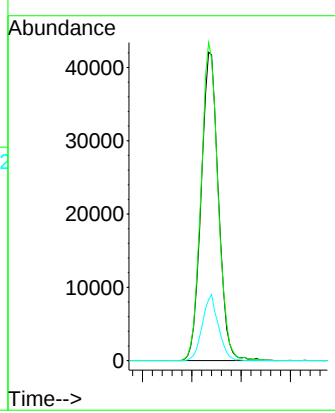
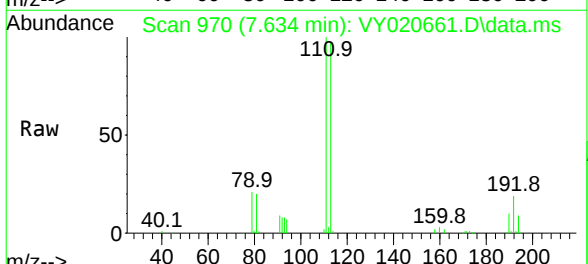
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.0
88	16.2	0.0	32.8

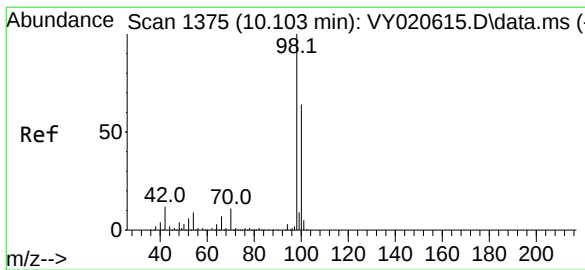


#35
 Dibromofluoromethane
 Concen: 44.962 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020661.D
 Acq: 19 Dec 2024 17:33

Tgt Ion:113 Resp: 102125

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.9	15.7	23.5





#50

Toluene-d8

Concen: 48.443 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020661.D

Acq: 19 Dec 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

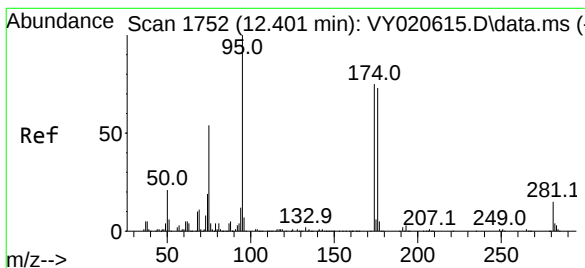
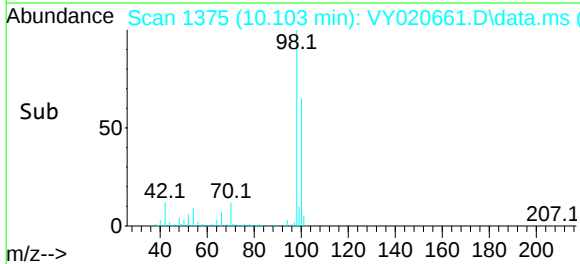
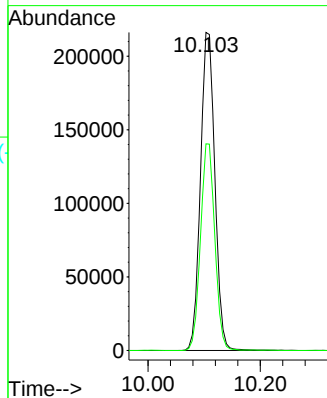
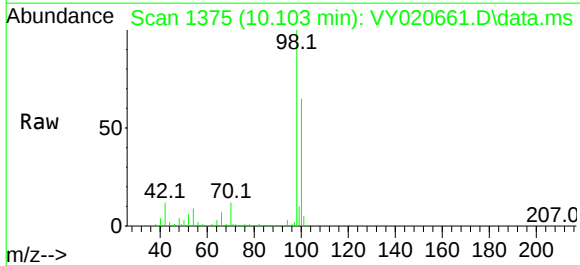
VNJ281

Tgt Ion: 98 Resp: 385127

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 37.509 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020661.D

Acq: 19 Dec 2024 17:33

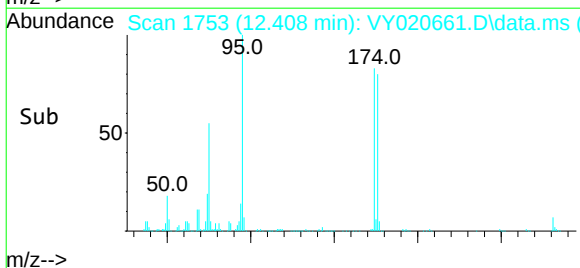
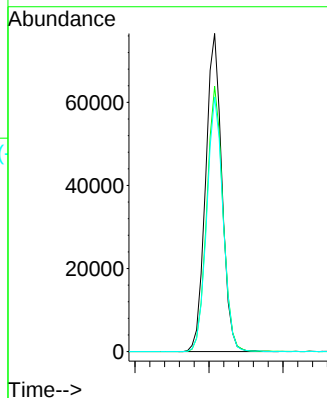
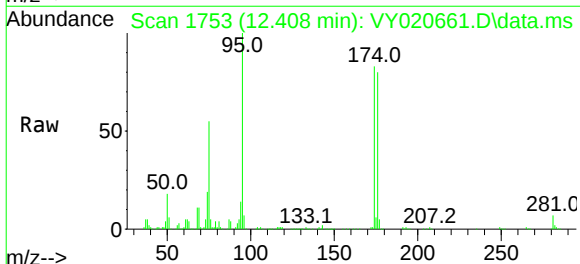
Tgt Ion: 95 Resp: 116648

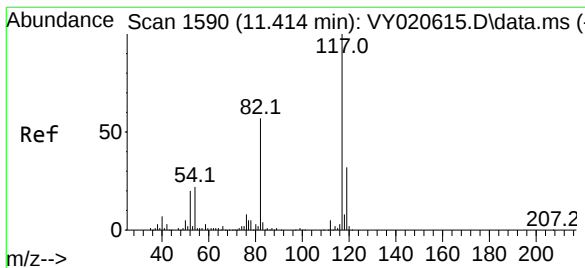
Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.8

176 79.9 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY020661.D

Acq: 19 Dec 2024 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VNJ281

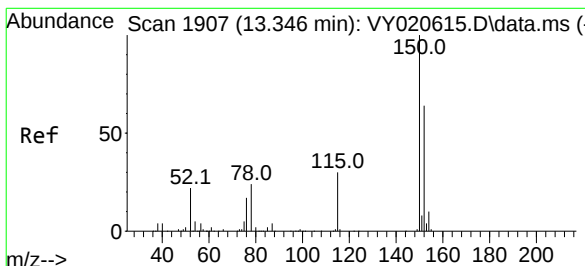
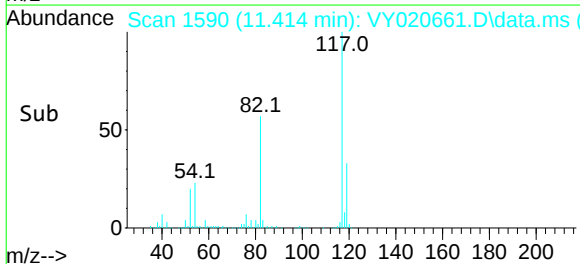
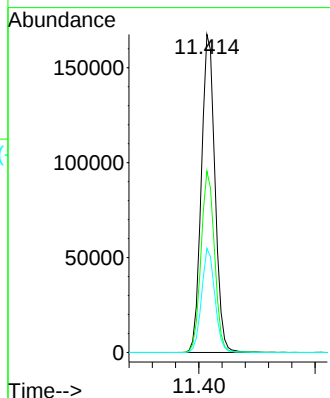
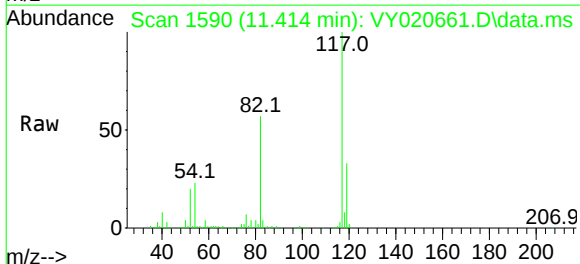
Tgt Ion:117 Resp: 272710

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.6

119 32.7 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020661.D

Acq: 19 Dec 2024 17:33

Tgt Ion:152 Resp: 108310

Ion Ratio Lower Upper

152 100

115 59.3 30.2 90.6

150 157.9 0.0 355.4

