

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018448.D
 Acq On : 03 Jun 2024 18:19
 Operator : SY/MD
 Sample : P2687-01
 Misc : 2.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

Quant Time: Jun 04 05:43:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	71973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	147626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	134772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47538	33.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.260%
35) Dibromofluoromethane	7.704	113	45427	24.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	48.540%#
50) Toluene-d8	10.173	98	179664	24.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	48.240%#
62) 4-Bromofluorobenzene	12.477	95	52688	22.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	45.440%

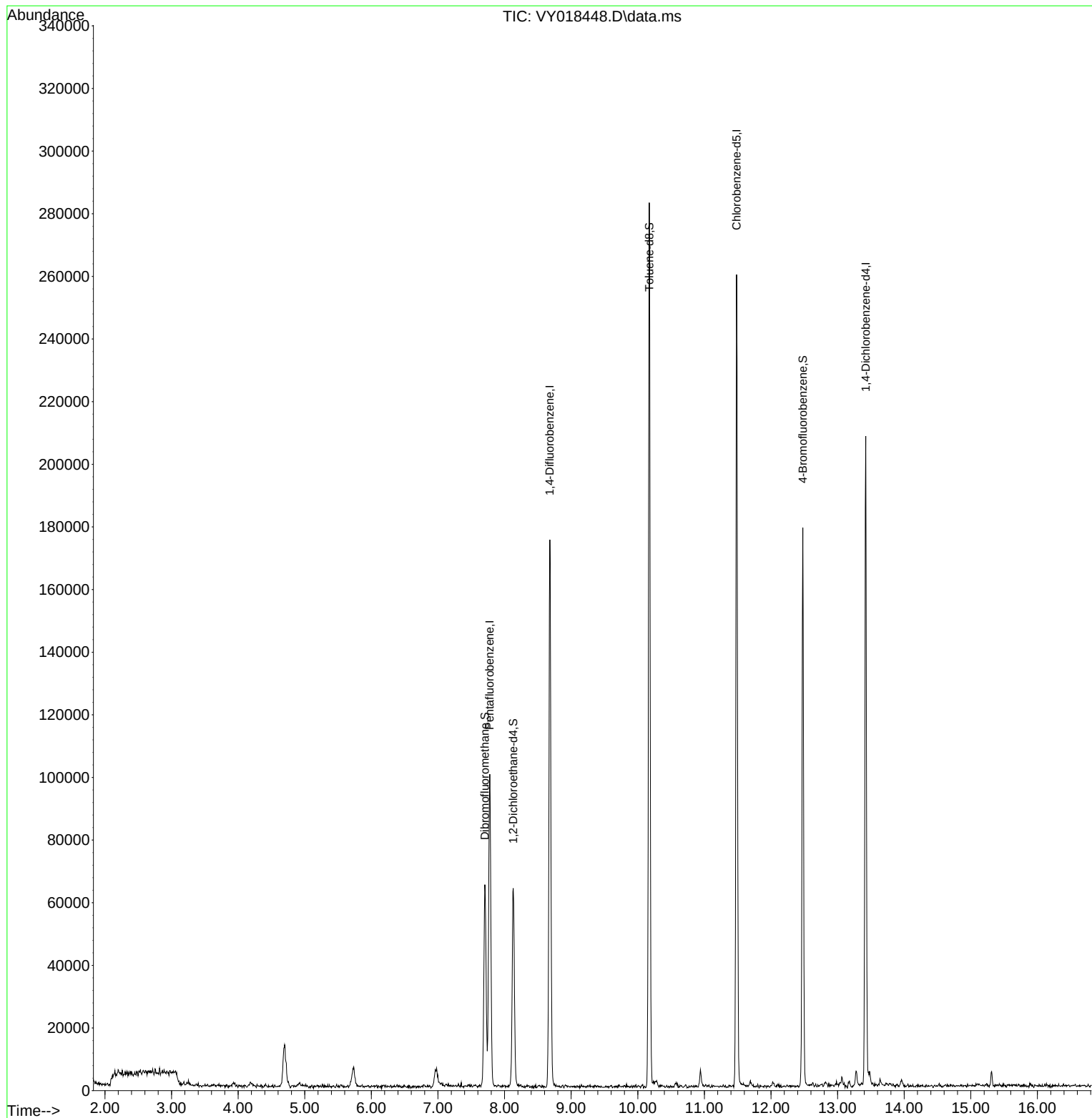
Target Compounds	Qvalue

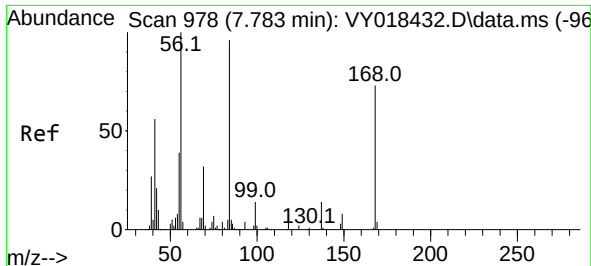
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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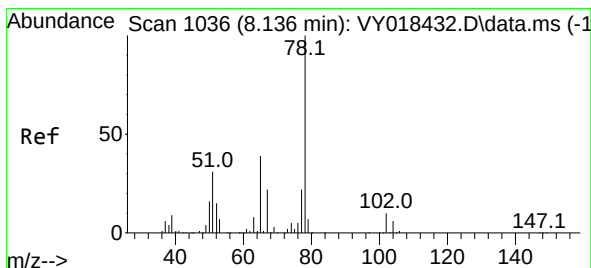
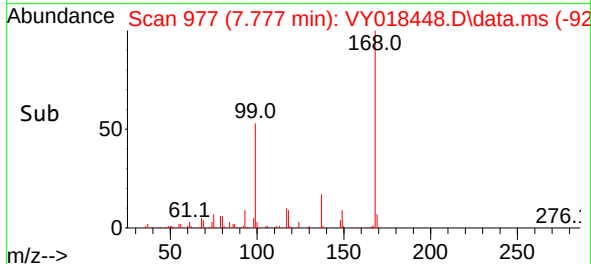
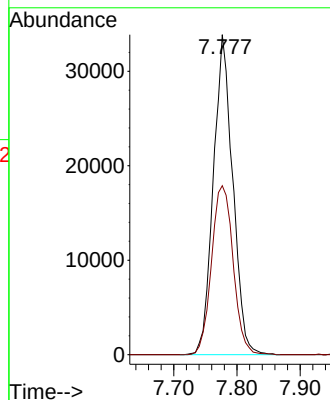
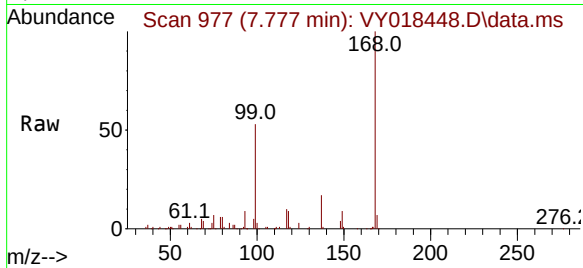




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

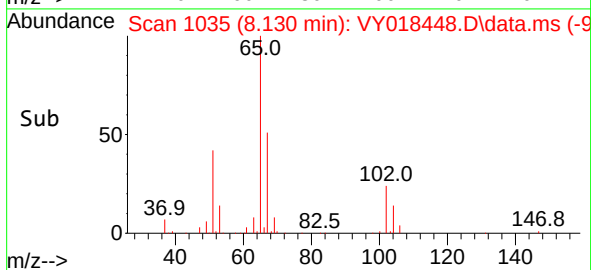
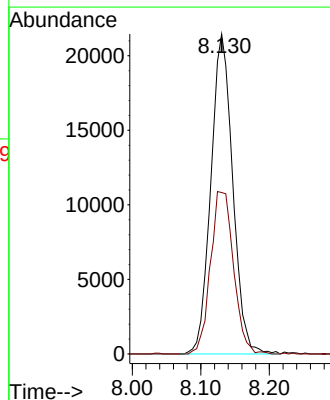
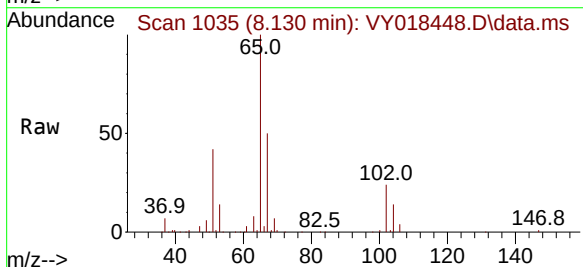
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

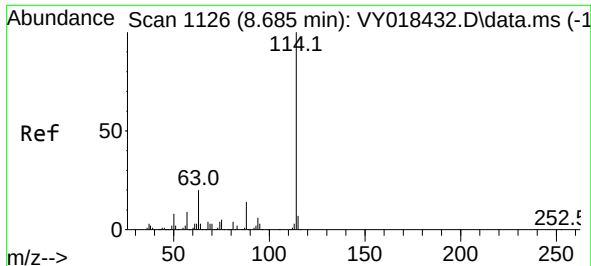
Tgt Ion:168 Resp: 71973
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 33.633 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Tgt Ion: 65 Resp: 47538
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-223

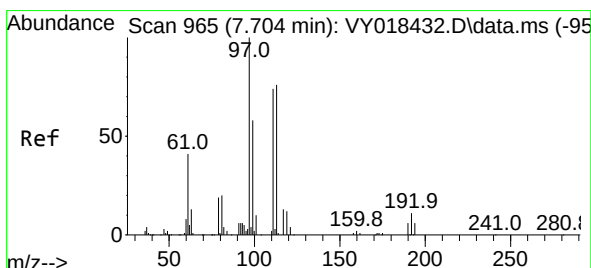
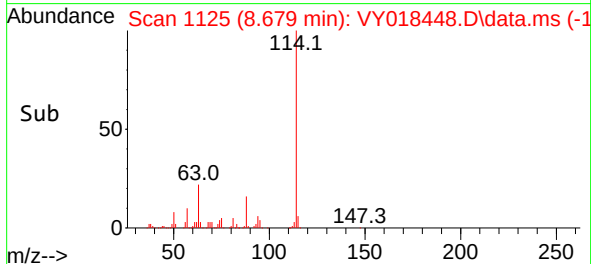
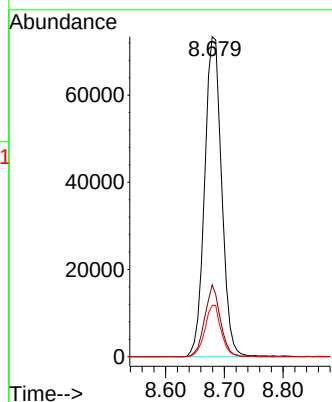
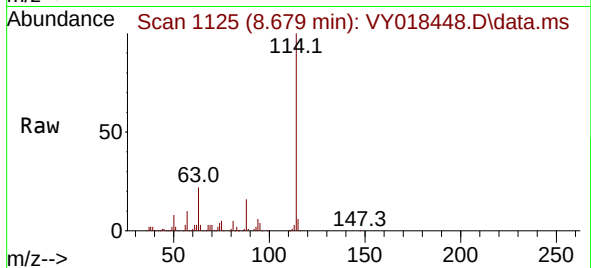
Tgt Ion:114 Resp: 147626

Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 24.267 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

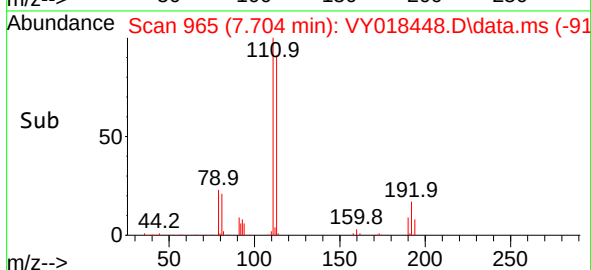
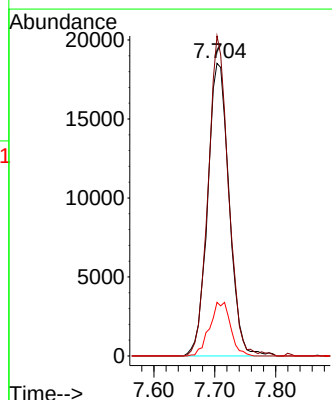
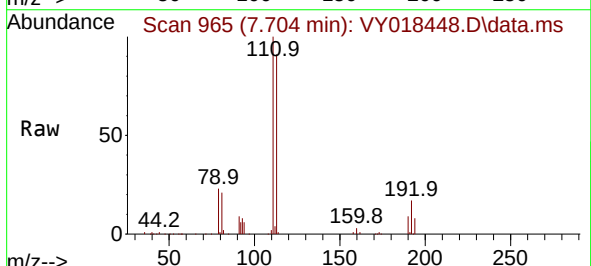
Tgt Ion:113 Resp: 45427

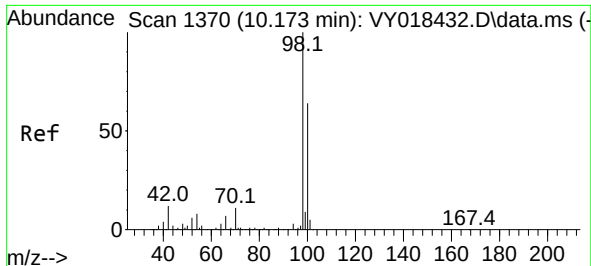
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 17.9 15.9 23.9

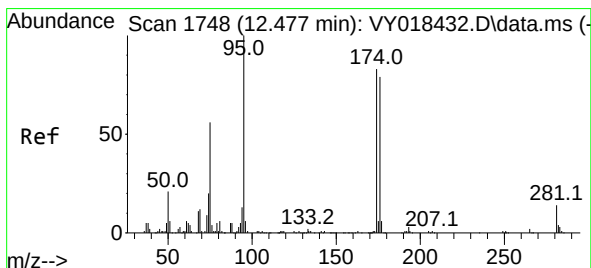
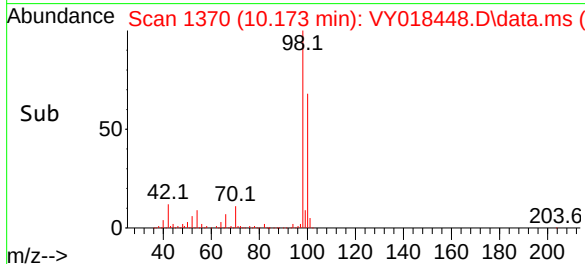
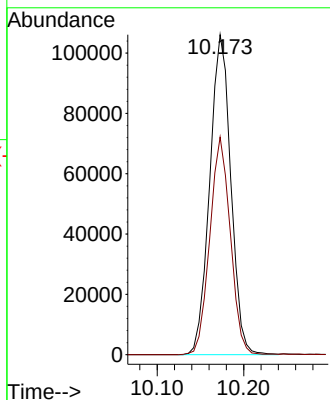
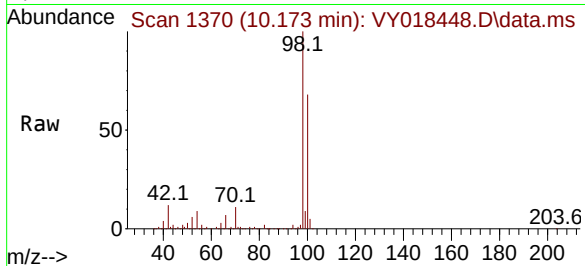




#50
Toluene-d8
Concen: 24.125 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

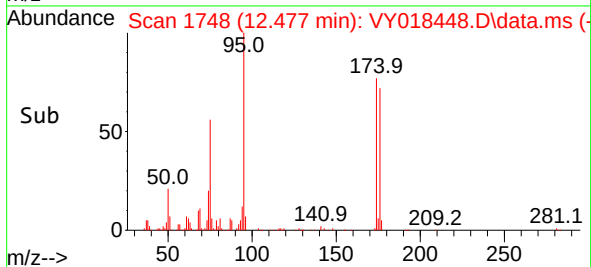
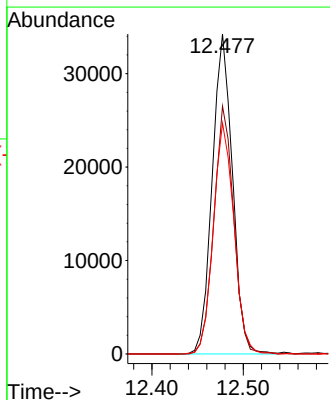
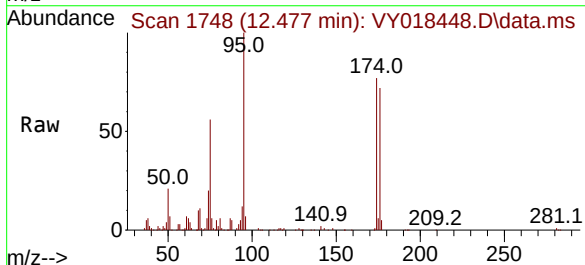
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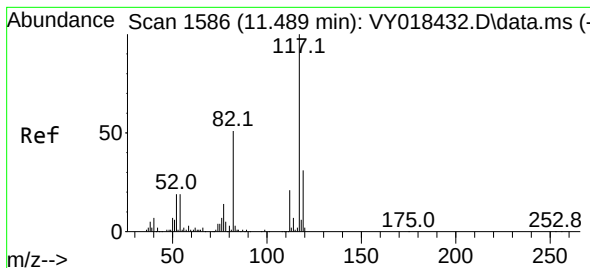
Tgt Ion: 98 Resp: 179664
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 22.723 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018448.D
Acq: 03 Jun 2024 18:19

Tgt Ion: 95 Resp: 52688
Ion Ratio Lower Upper
95 100
174 76.0 0.0 175.6
176 73.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-223

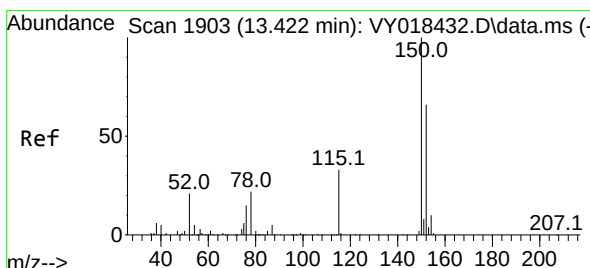
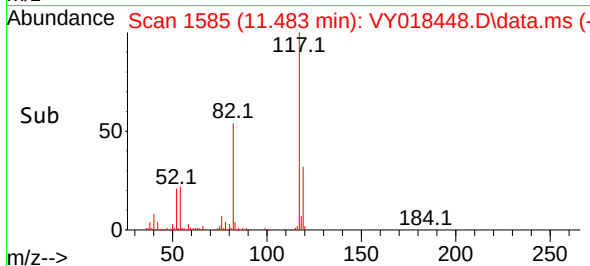
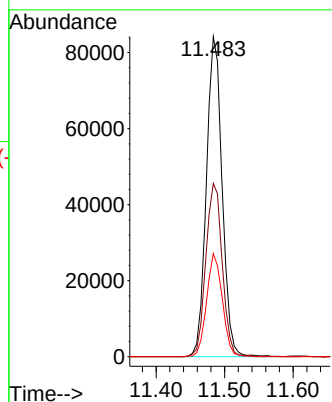
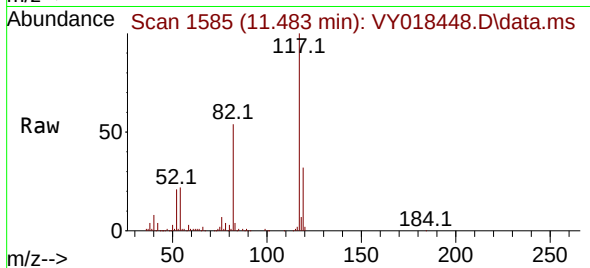
Tgt Ion:117 Resp: 134772

Ion Ratio Lower Upper

117 100

82 54.2 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018448.D

Acq: 03 Jun 2024 18:19

Tgt Ion:152 Resp: 49995

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 153.2 0.0 345.6

