

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010152.D
 Acq On : 22 Aug 2022 18:32
 Operator : KP/MD
 Sample : N4257-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210

Quant Time: Aug 23 00:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	23974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	41898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	39242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13077	66.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.180%
35) Dibromofluoromethane	7.710	113	11755	49.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.179	98	43025	48.636	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.483	95	11419	36.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.260%

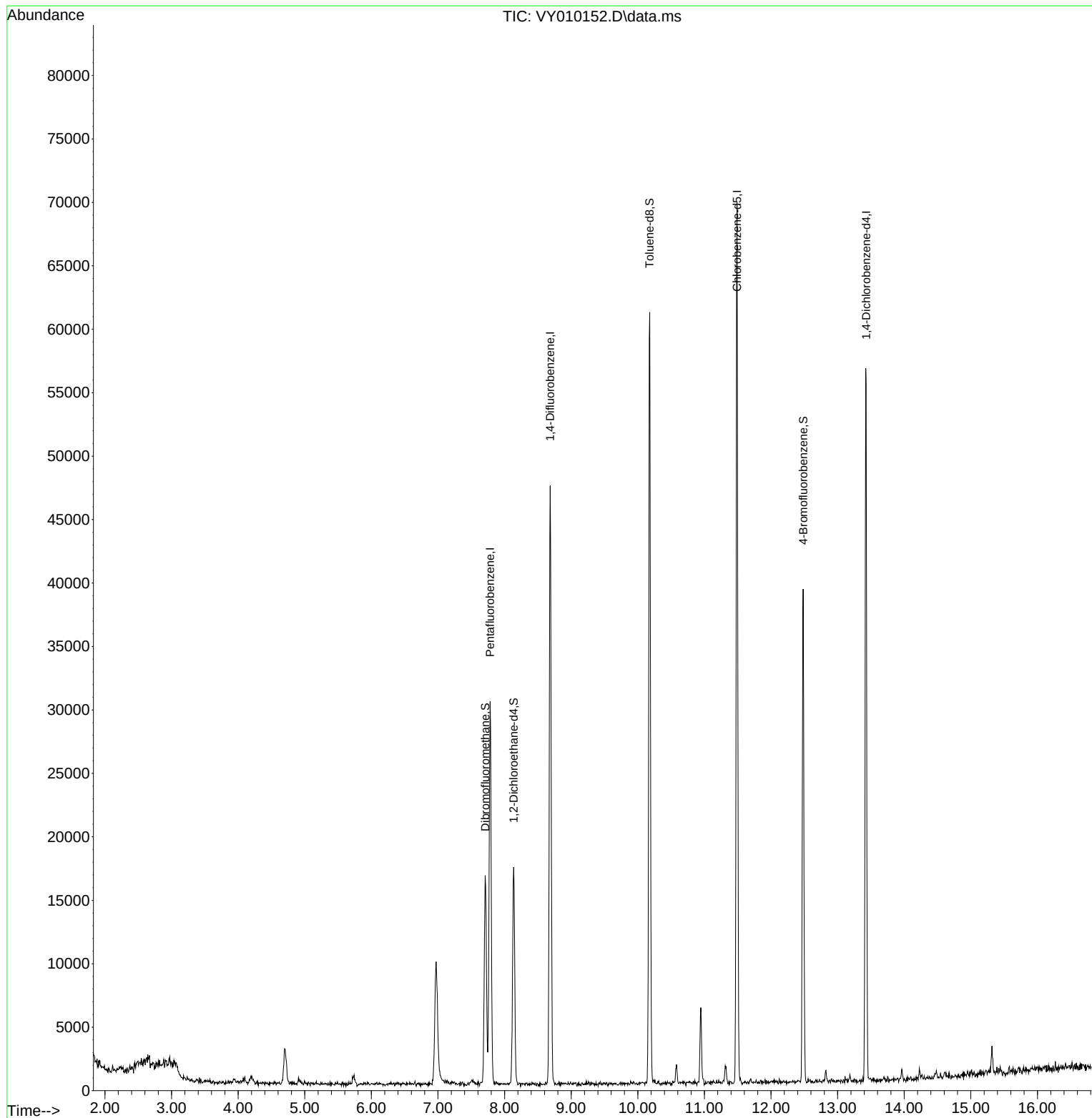
Target Compounds	Qvalue

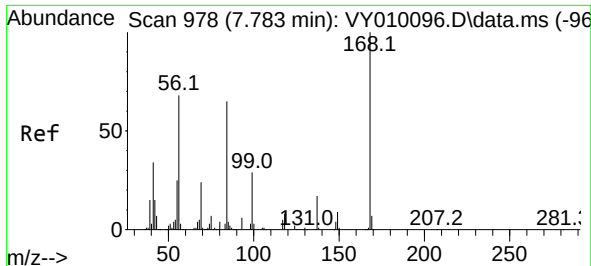
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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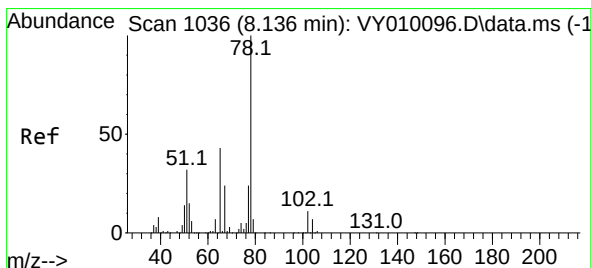
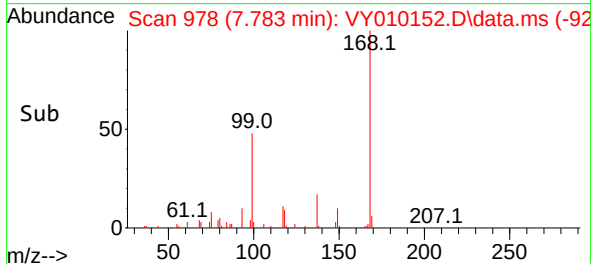
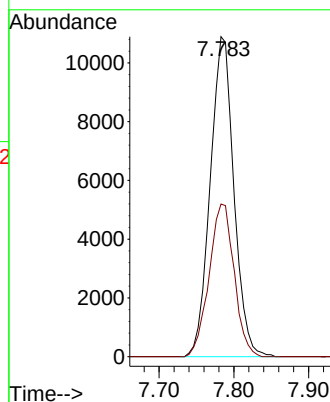
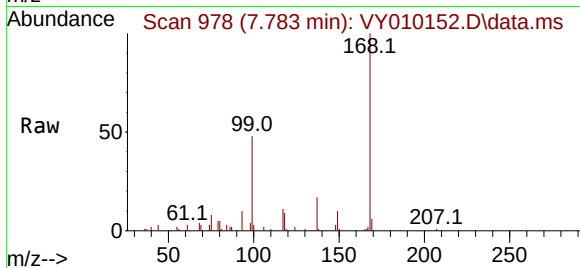




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010152.D
Acq: 22 Aug 2022 18:32

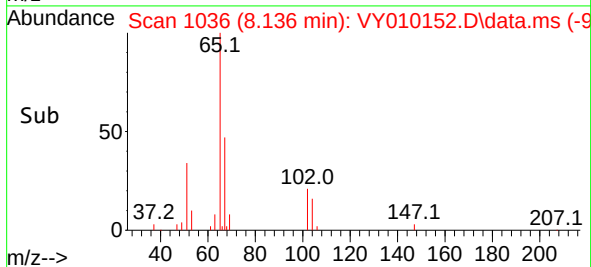
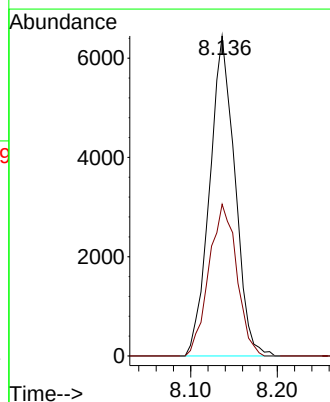
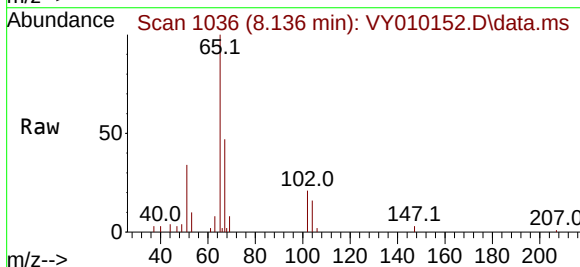
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

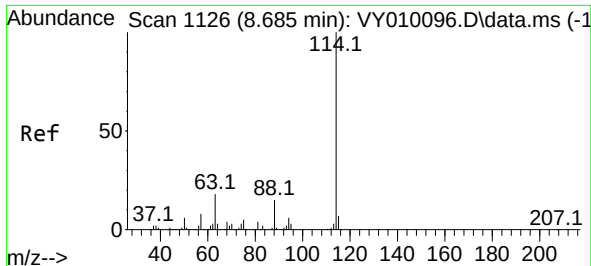
Tgt Ion:168 Resp: 23974
Ion Ratio Lower Upper
168 100
99 47.7 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 66.594 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010152.D
Acq: 22 Aug 2022 18:32

Tgt Ion: 65 Resp: 13077
Ion Ratio Lower Upper
65 100
67 52.1 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010152.D

Acq: 22 Aug 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

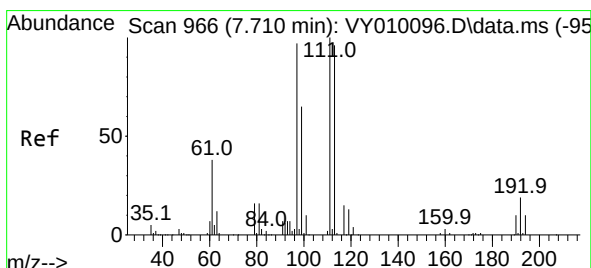
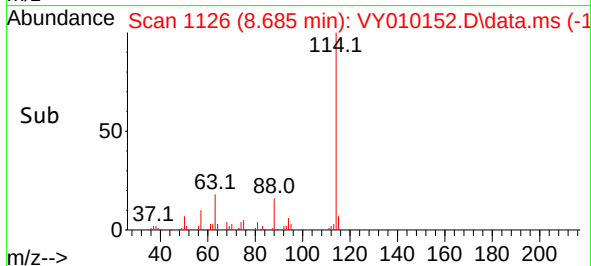
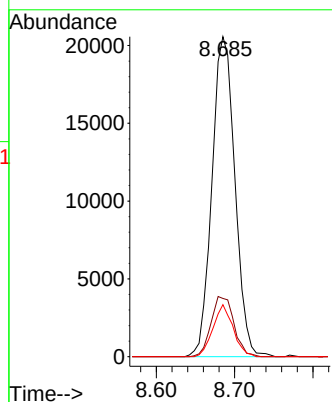
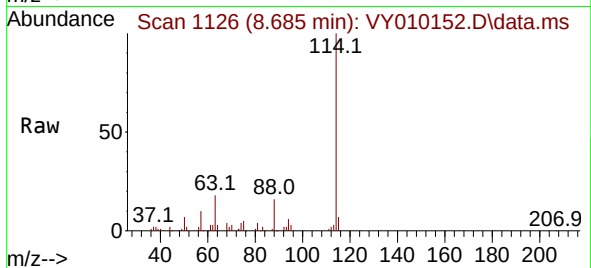
Tgt Ion:114 Resp: 41898

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 16.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 49.791 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010152.D

Acq: 22 Aug 2022 18:32

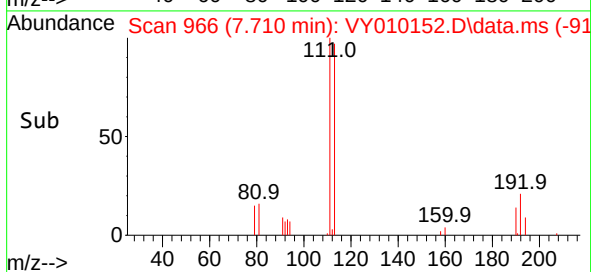
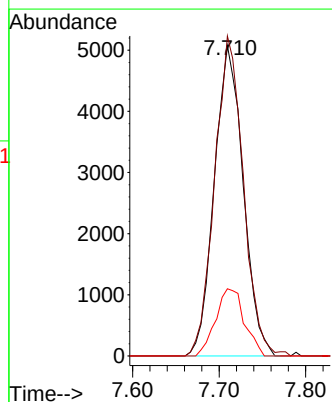
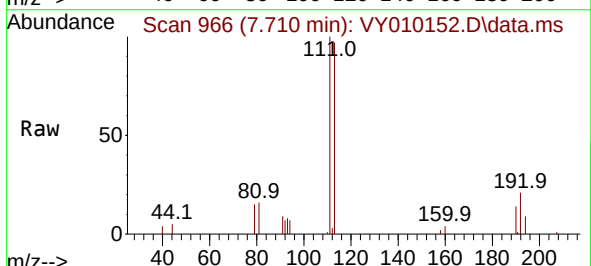
Tgt Ion:113 Resp: 11755

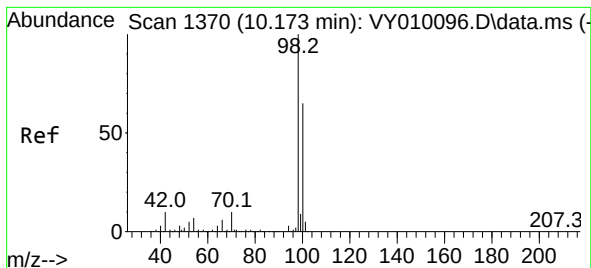
Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 21.5 16.3 24.5

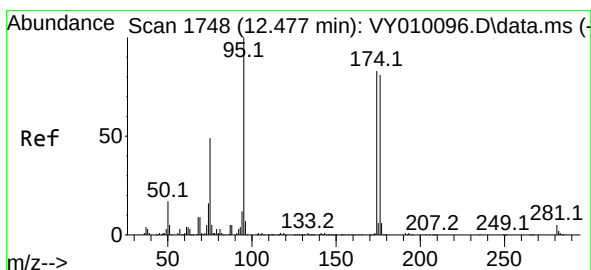
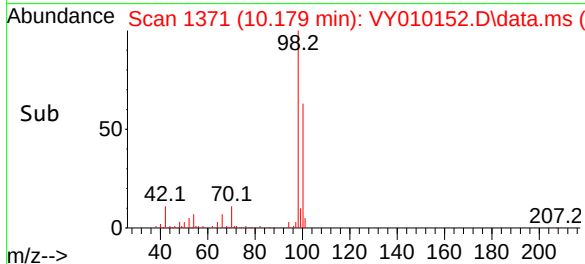
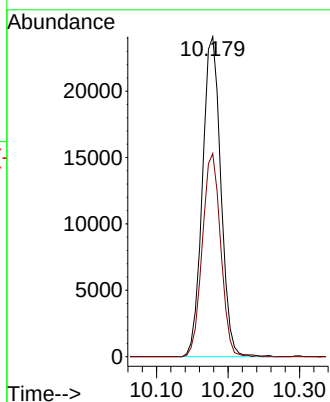
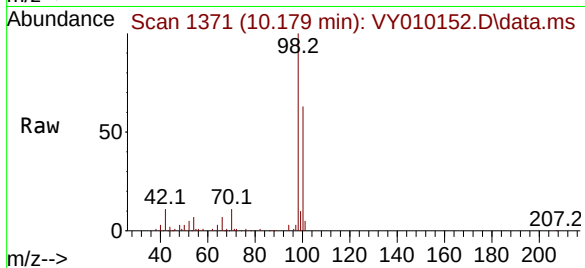




#50
Toluene-d8
Concen: 48.636 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010152.D
Acq: 22 Aug 2022 18:32

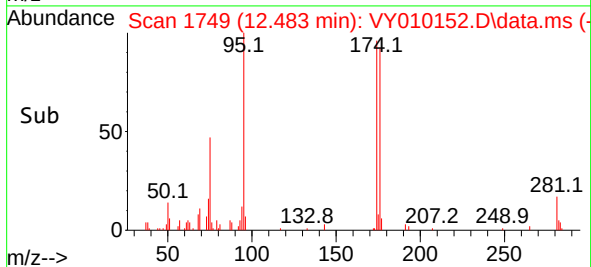
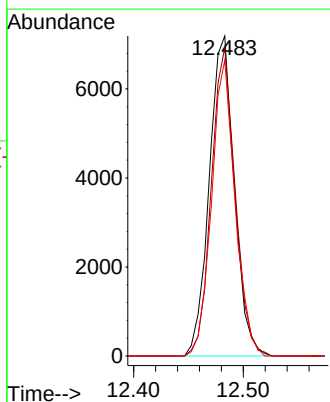
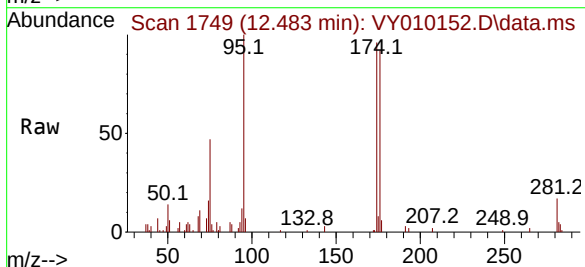
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

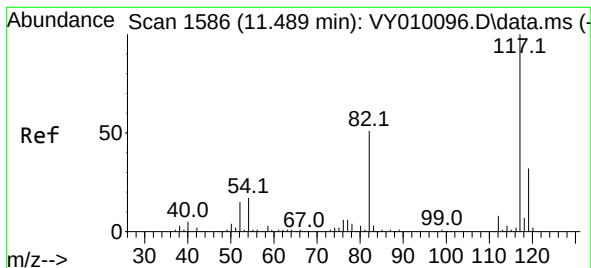
Tgt Ion: 98 Resp: 43025
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.127 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010152.D
Acq: 22 Aug 2022 18:32

Tgt Ion: 95 Resp: 11419
Ion Ratio Lower Upper
95 100
174 91.7 0.0 173.8
176 86.5 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010152.D

Acq: 22 Aug 2022 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

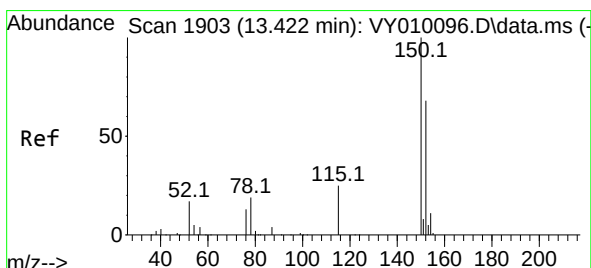
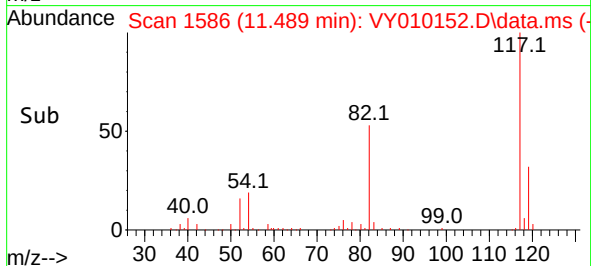
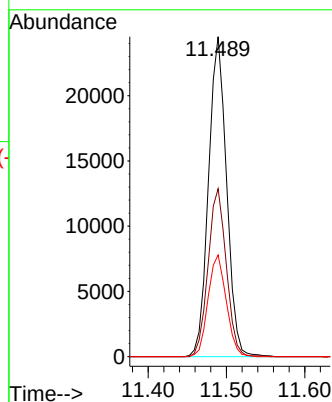
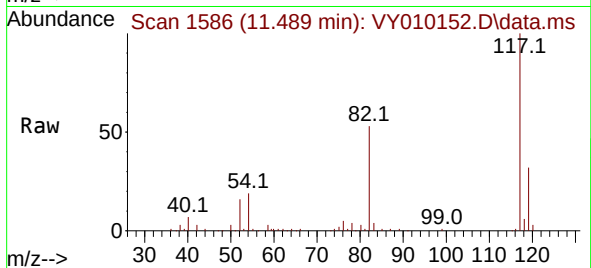
Tgt Ion:117 Resp: 39242

Ion Ratio Lower Upper

117 100

82 52.5 40.6 61.0

119 31.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010152.D

Acq: 22 Aug 2022 18:32

Tgt Ion:152 Resp: 15568

Ion Ratio Lower Upper

152 100

115 57.2 28.1 84.2

150 160.8 0.0 346.2

