

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009199.D
 Acq On : 16 Jun 2022 13:33
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 17 02:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	257248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	430397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192343	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143575	53.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.860%
35) Dibromofluoromethane	7.716	113	131884	48.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	507449	49.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.477	95	182956	50.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.240%

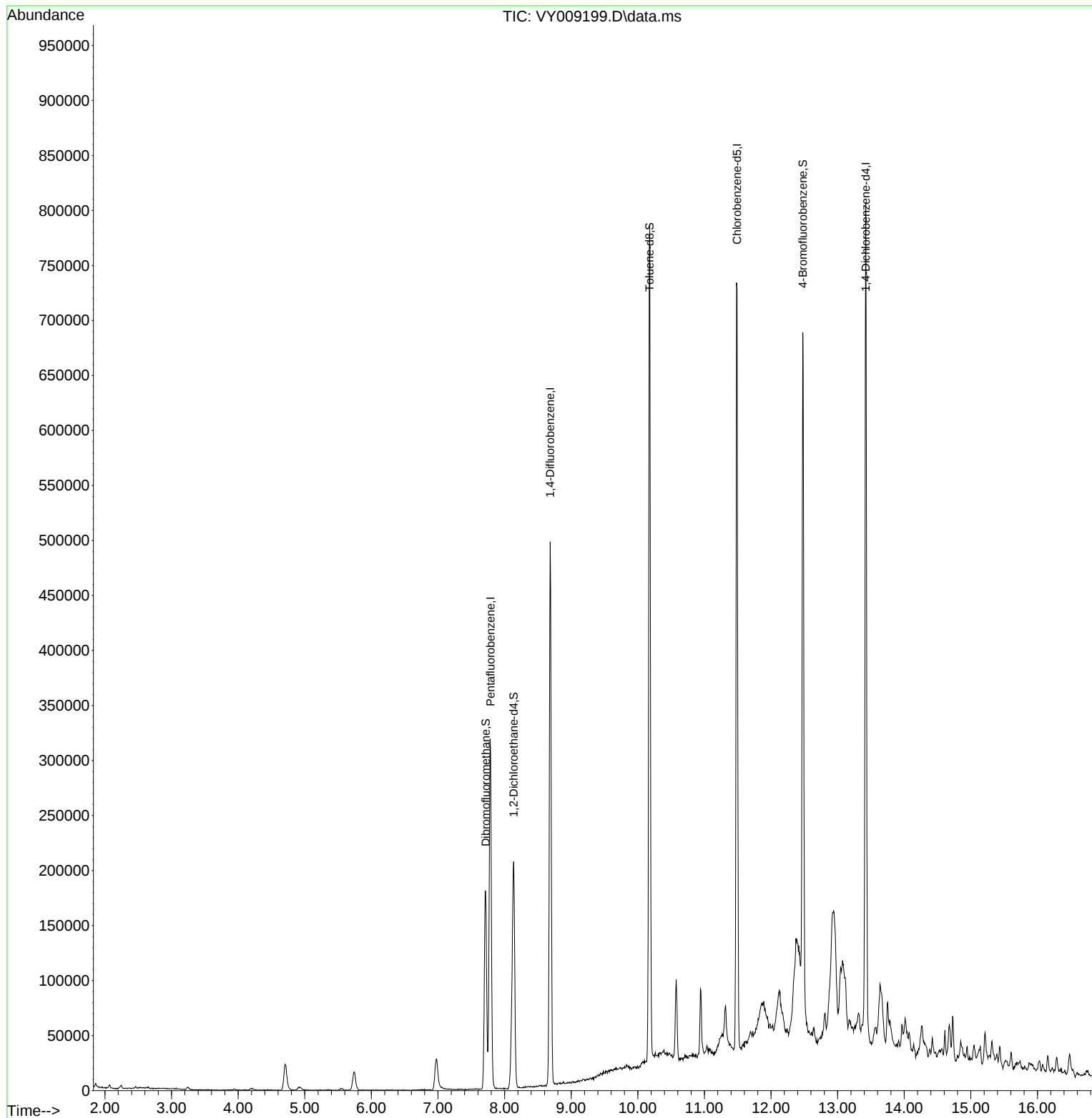
Target Compounds	Qvalue

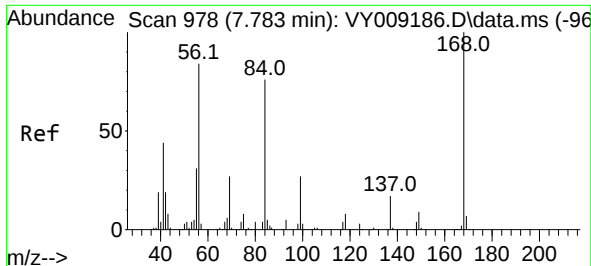
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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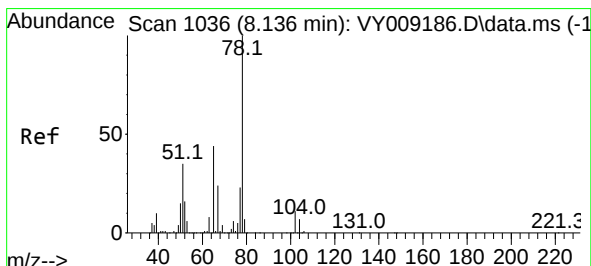
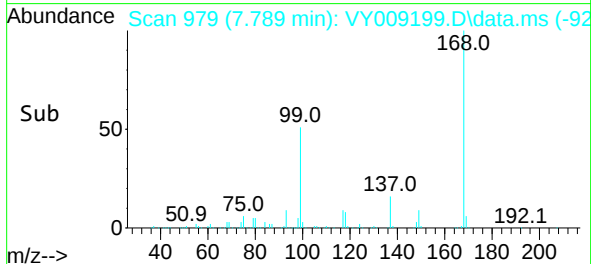
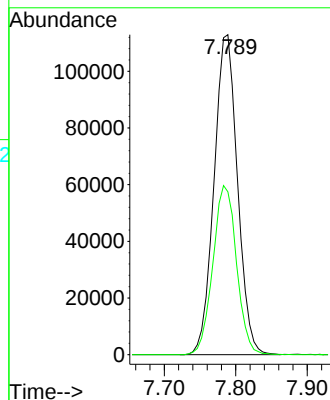
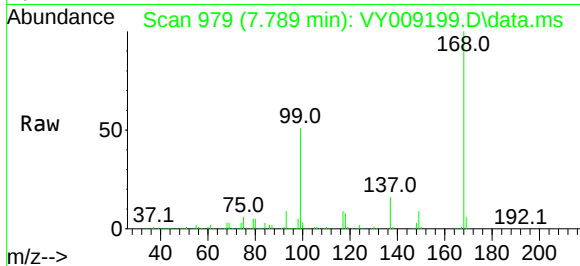




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

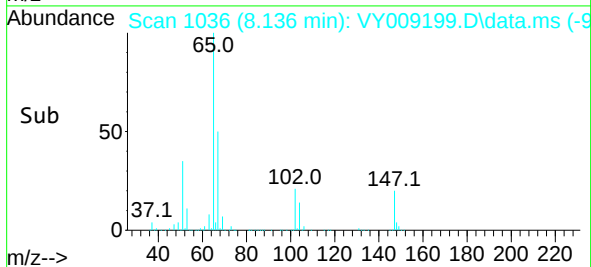
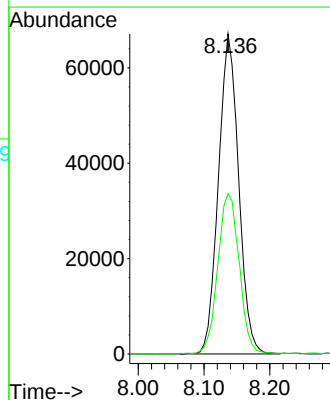
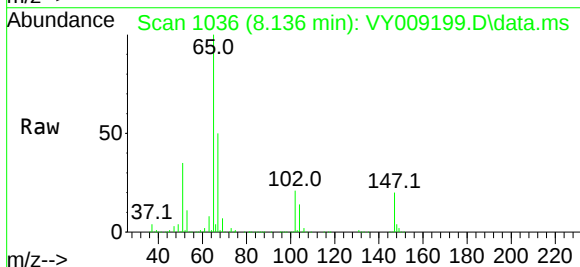
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

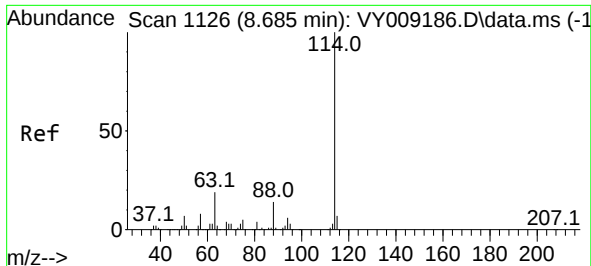
Tgt Ion:168 Resp: 257248
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.429 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Tgt Ion: 65 Resp: 143575
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

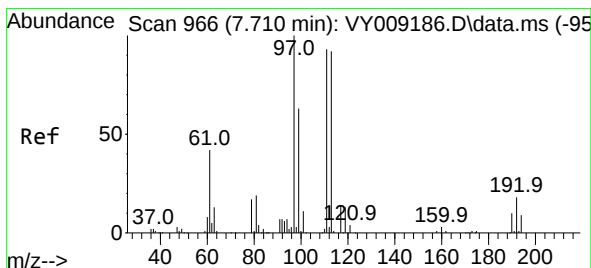
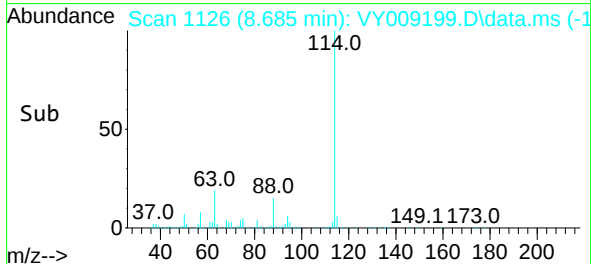
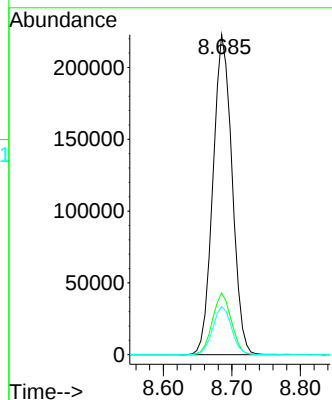
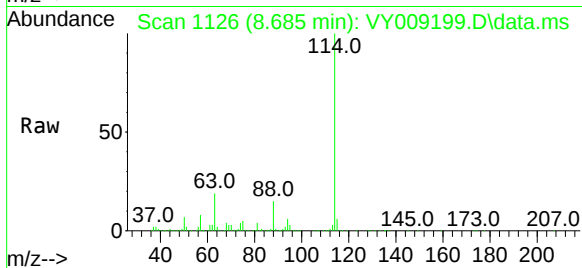
Tgt Ion:114 Resp: 430397

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.874 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

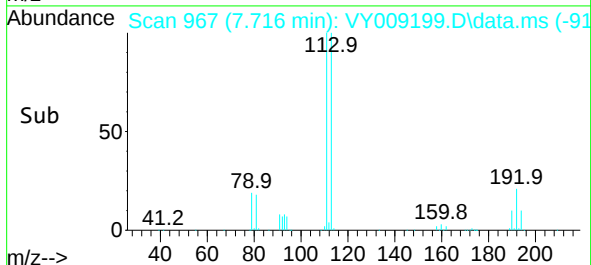
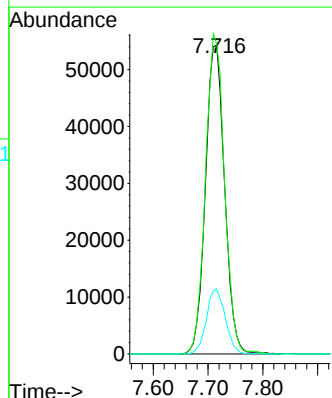
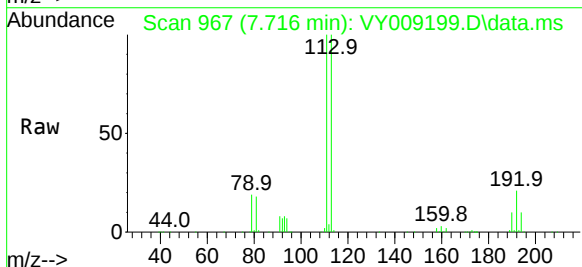
Tgt Ion:113 Resp: 131884

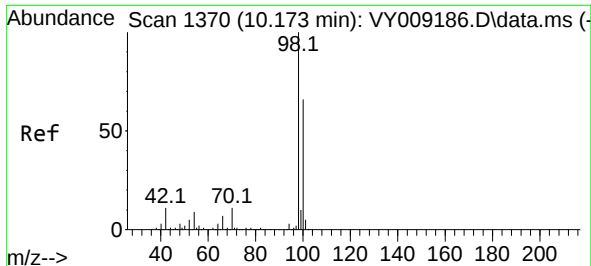
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 20.6 17.6 26.4

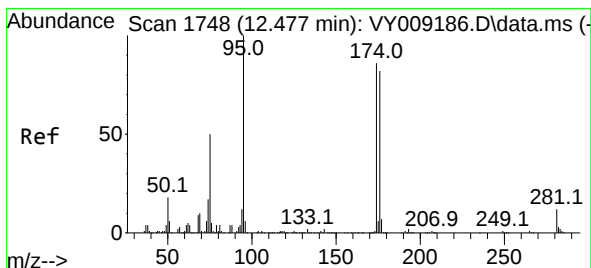
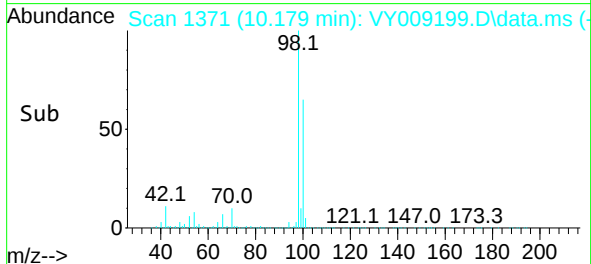
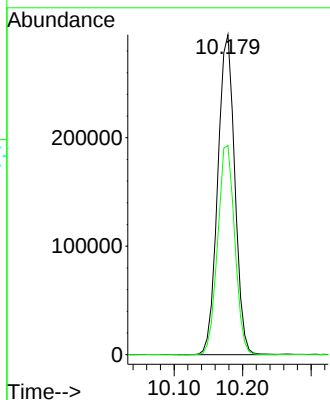
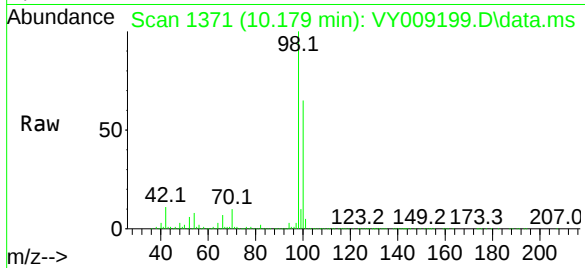




#50
Toluene-d8
Concen: 49.401 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

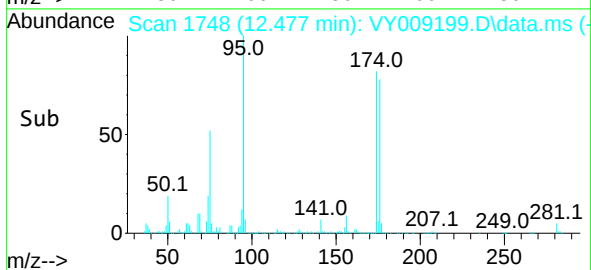
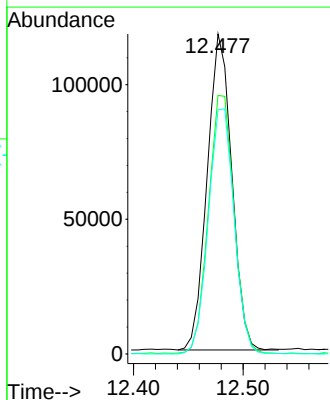
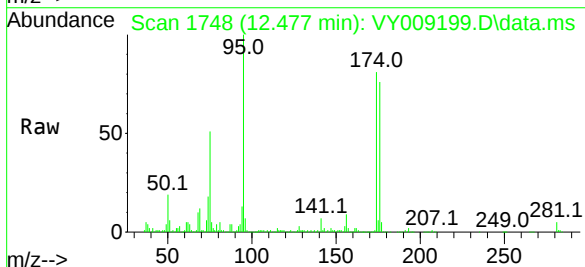
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

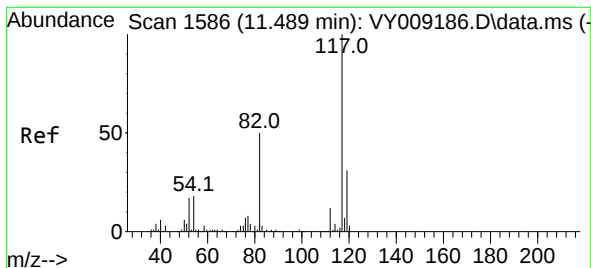
Tgt Ion: 98 Resp: 507449
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Tgt Ion: 95 Resp: 182956
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

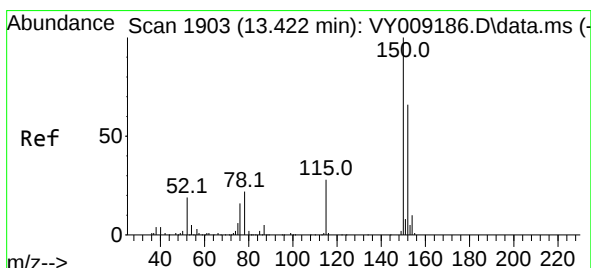
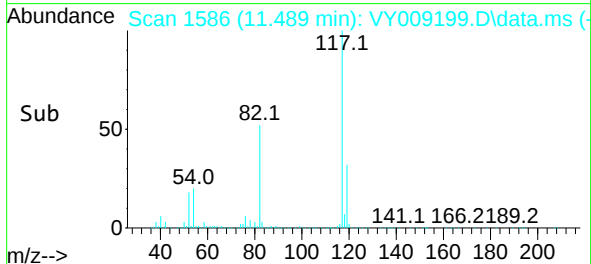
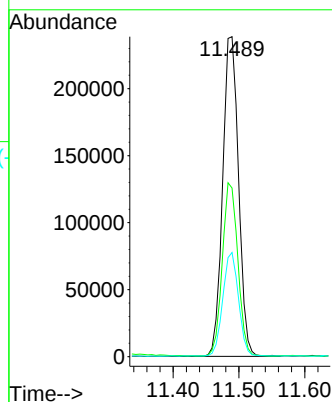
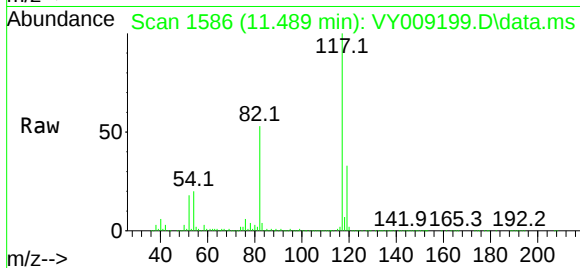
Tgt Ion:117 Resp: 400860

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

Tgt Ion:152 Resp: 192343

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 156.5 0.0 347.6

