

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010035.D
 Acq On : 15 Aug 2022 18:50
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 16 07:02:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	107591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	85851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52000	49.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.760%
35) Dibromofluoromethane	7.710	113	45624	39.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.180%
50) Toluene-d8	10.179	98	168155	39.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.500%
62) 4-Bromofluorobenzene	12.477	95	55118	36.924	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.840%

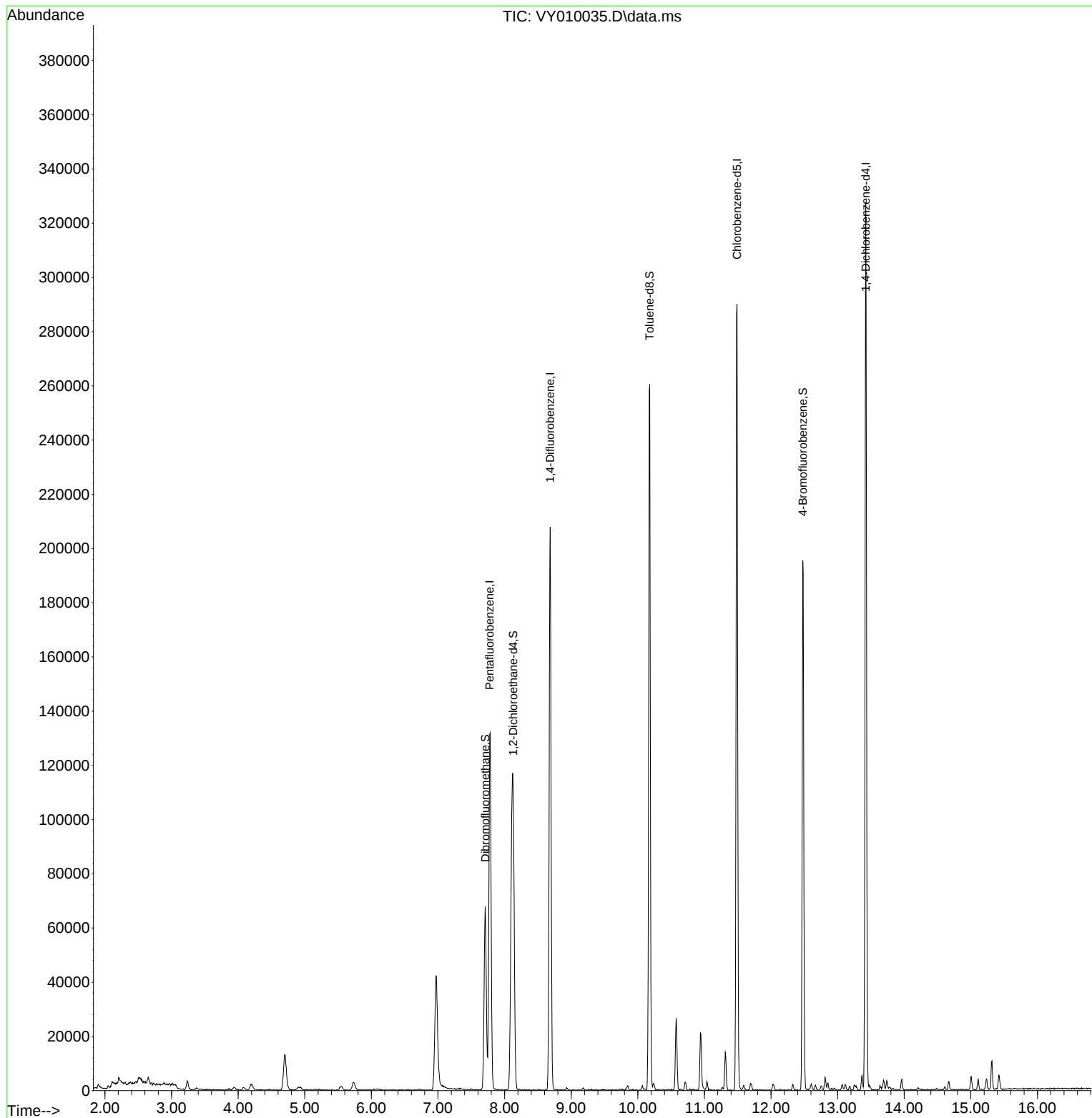
Target Compounds	Qvalue

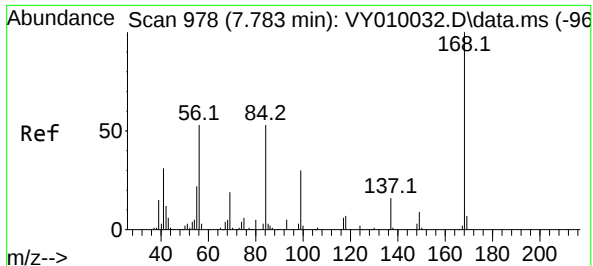
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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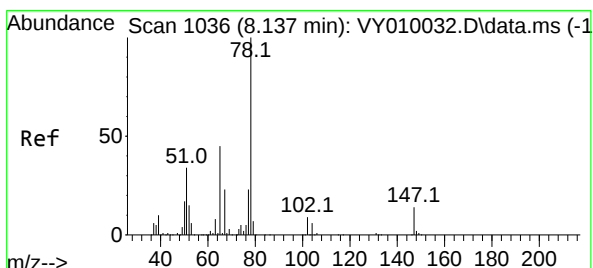
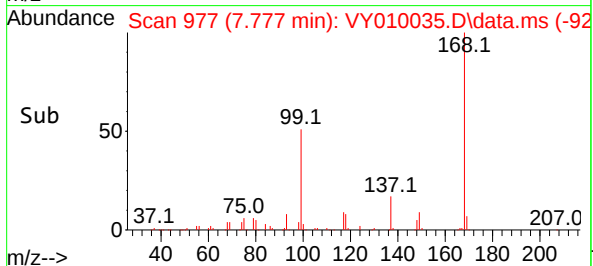
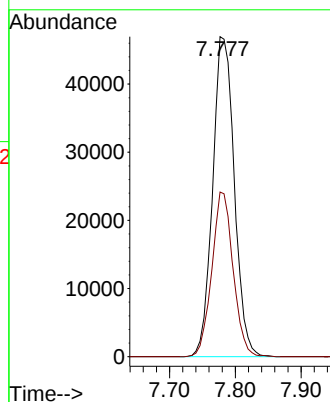
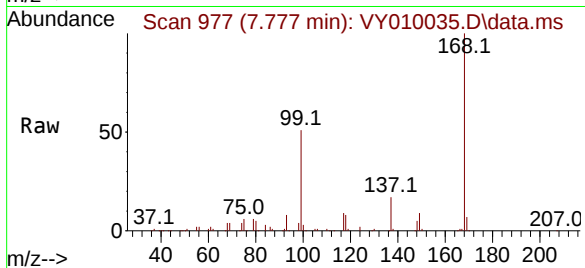




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010035.D
Acq: 15 Aug 2022 18:50

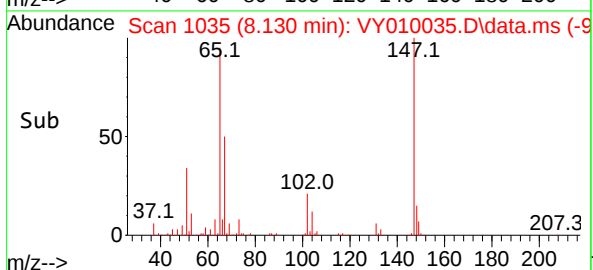
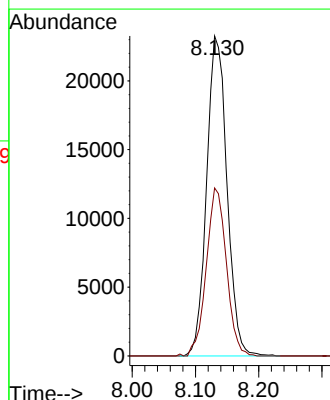
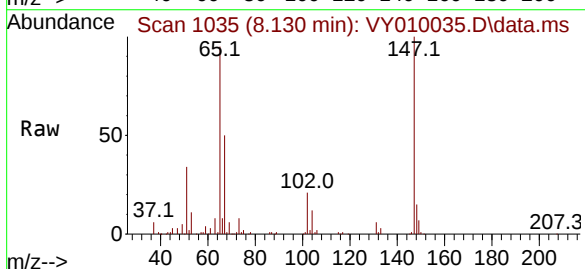
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

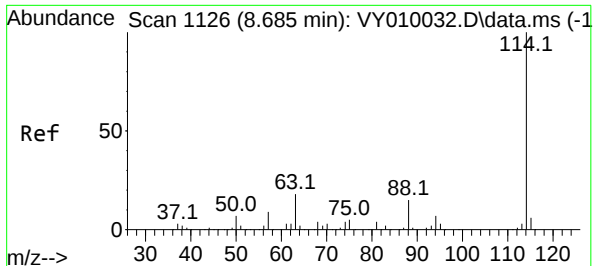
Tgt Ion:168 Resp: 107591
Ion Ratio Lower Upper
168 100
99 51.4 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 49.384 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010035.D
Acq: 15 Aug 2022 18:50

Tgt Ion: 65 Resp: 52000
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010035.D

Acq: 15 Aug 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

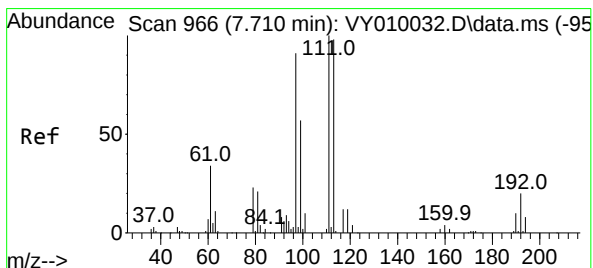
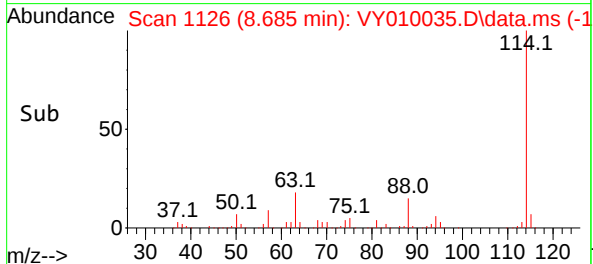
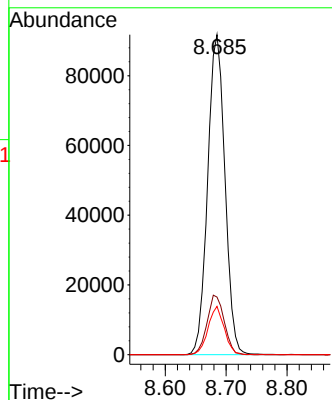
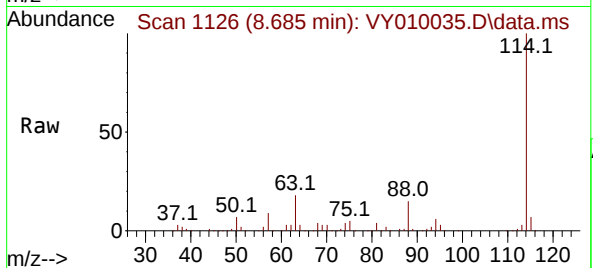
Tgt Ion:114 Resp: 180794

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

88 15.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 39.091 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010035.D

Acq: 15 Aug 2022 18:50

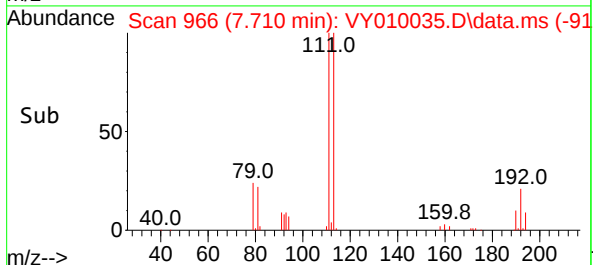
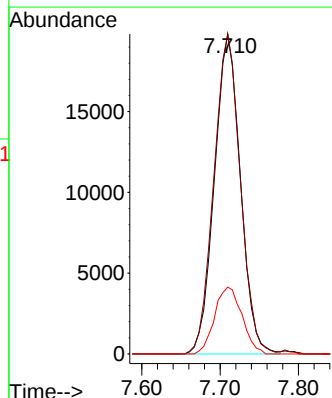
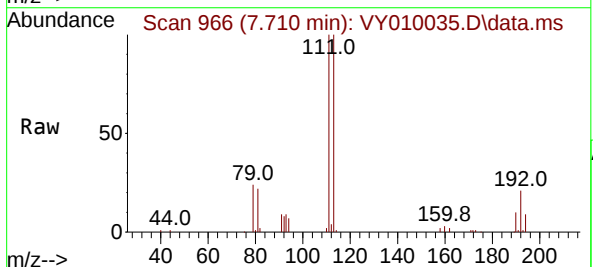
Tgt Ion:113 Resp: 45624

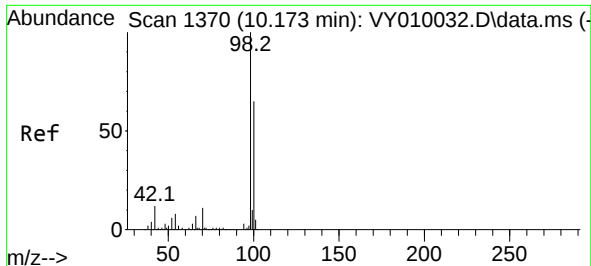
Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

192 21.9 17.2 25.8

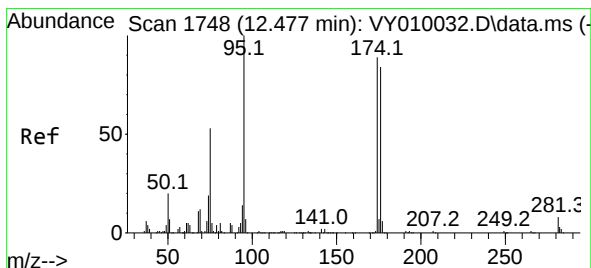
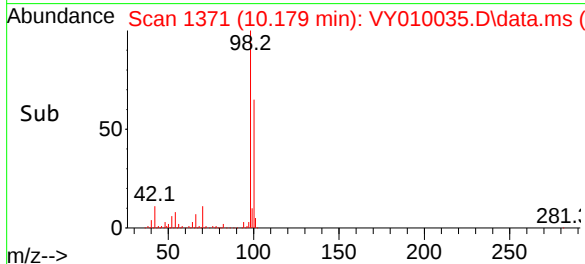
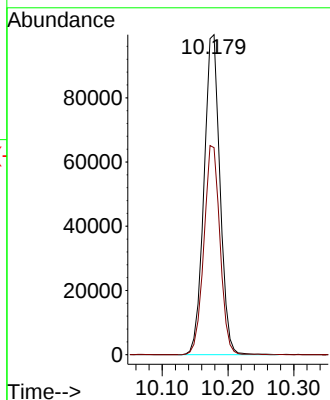
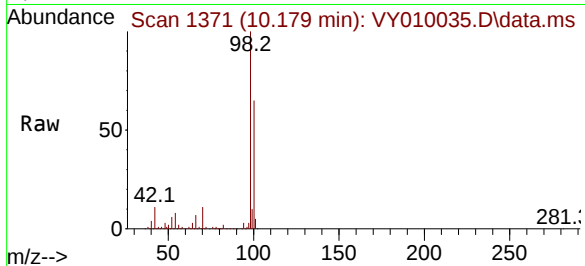




#50
Toluene-d8
Concen: 39.250 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010035.D
Acq: 15 Aug 2022 18:50

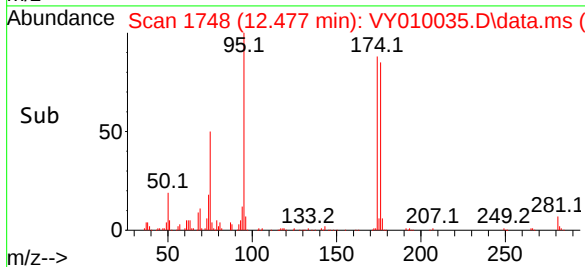
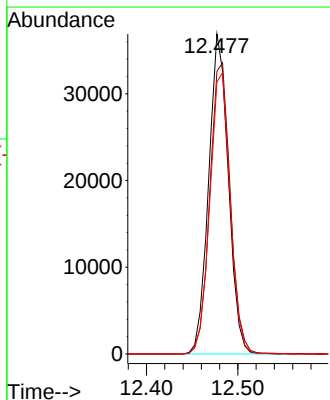
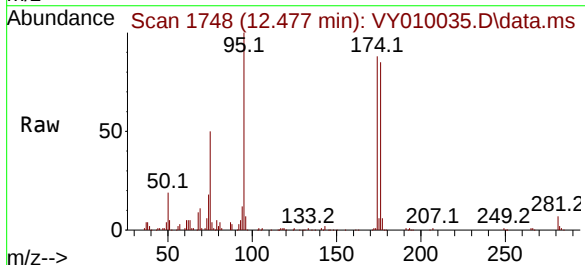
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

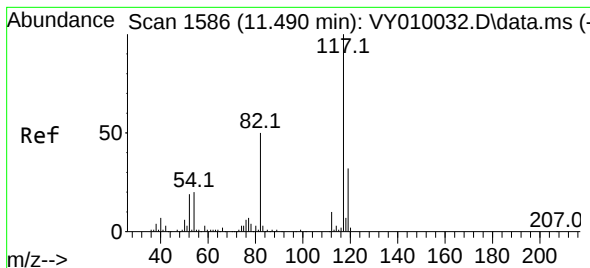
Tgt Ion: 98 Resp: 168155
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.924 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010035.D
Acq: 15 Aug 2022 18:50

Tgt Ion: 95 Resp: 55118
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.2
176 91.0 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010035.D

Acq: 15 Aug 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

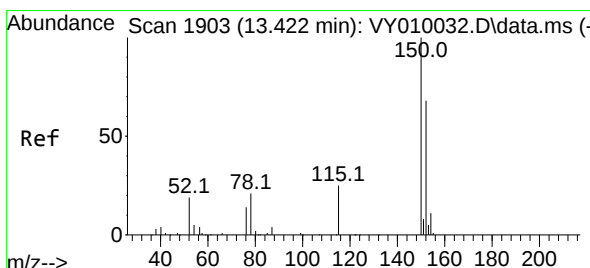
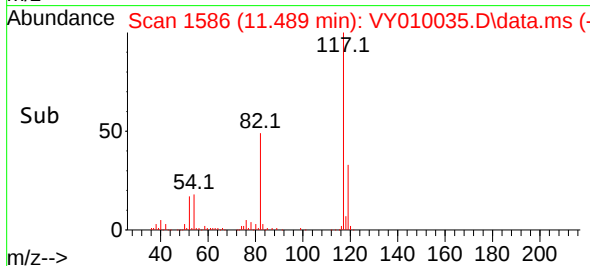
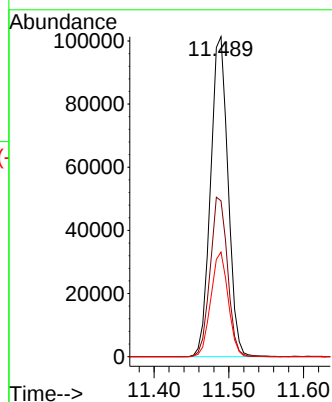
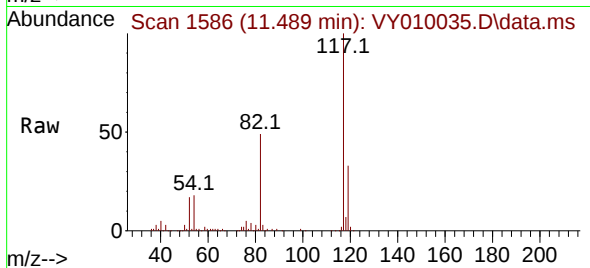
Tgt Ion:117 Resp: 164274

Ion Ratio Lower Upper

117 100

82 48.7 39.8 59.6

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010035.D

Acq: 15 Aug 2022 18:50

Tgt Ion:152 Resp: 85851

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 157.3 0.0 346.6

