

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010244.D
 Acq On : 31 Aug 2022 14:44
 Operator : KP/MD
 Sample : N4303-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1-9

Quant Time: Aug 31 23:41:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	144898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	239194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78712	64.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.620%
35) Dibromofluoromethane	7.709	113	74061	53.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.740%
50) Toluene-d8	10.179	98	277579	54.282	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.560%
62) 4-Bromofluorobenzene	12.483	95	95284	49.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.000%

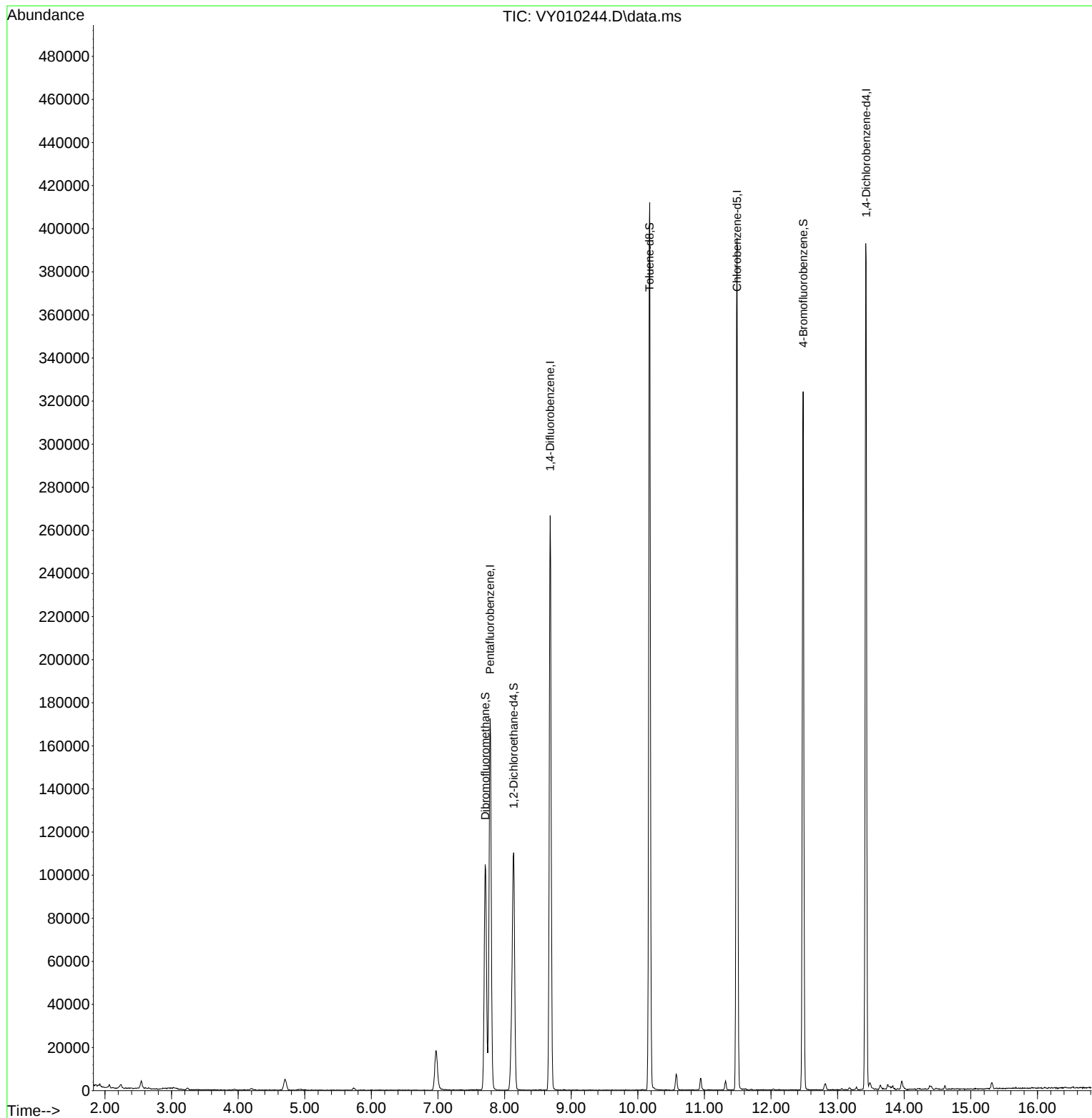
Target Compounds	Qvalue

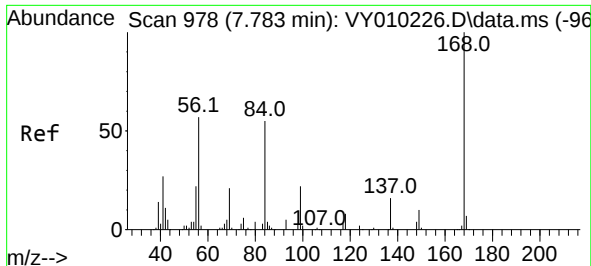
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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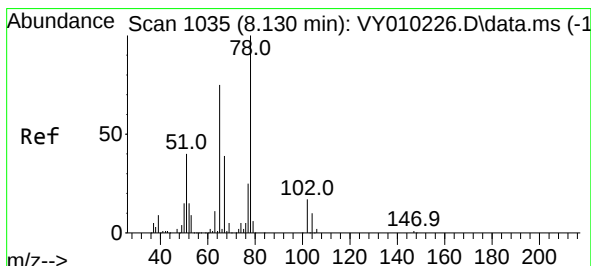
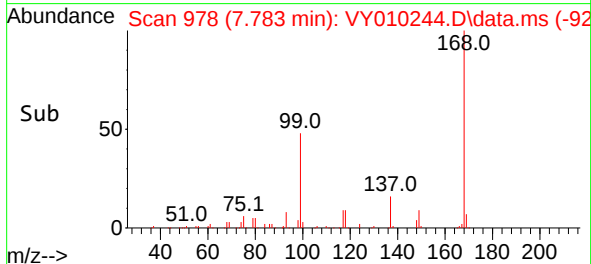
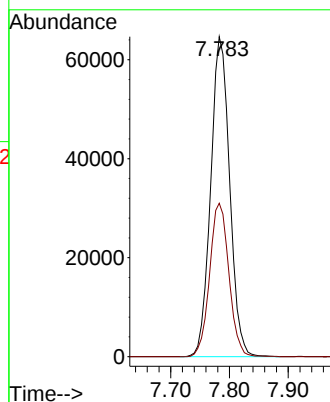
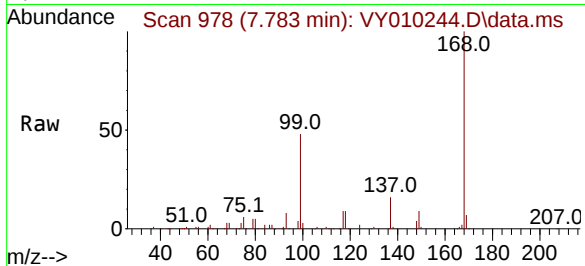




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

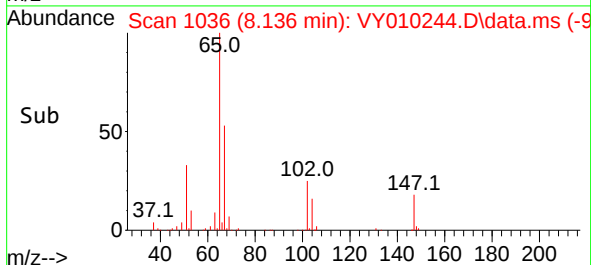
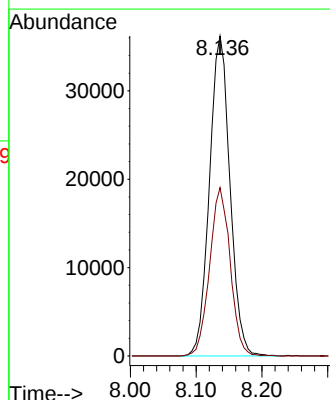
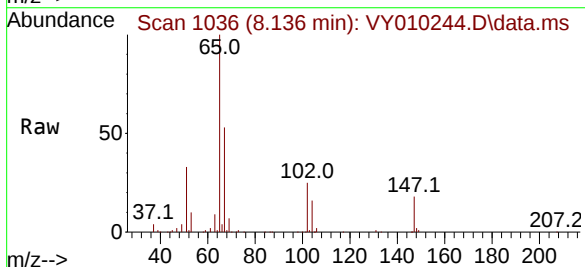
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

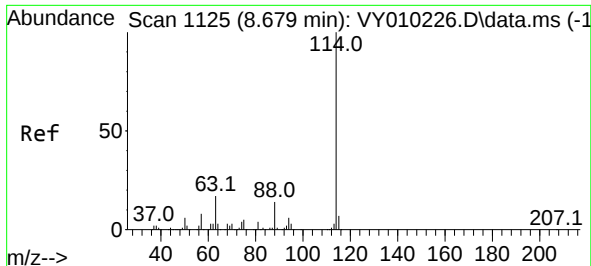
Tgt Ion:168 Resp: 144898
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.312 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 65 Resp: 78712
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010244.D

Acq: 31 Aug 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-1-9

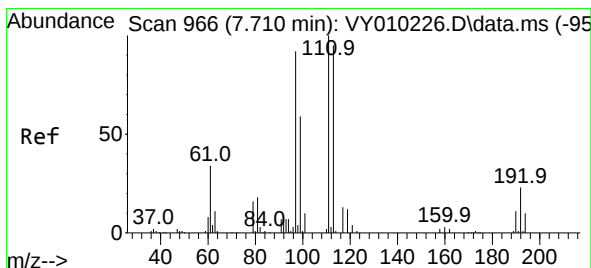
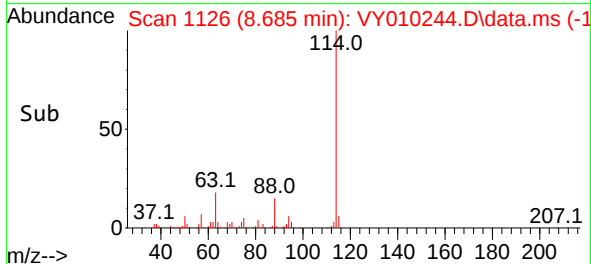
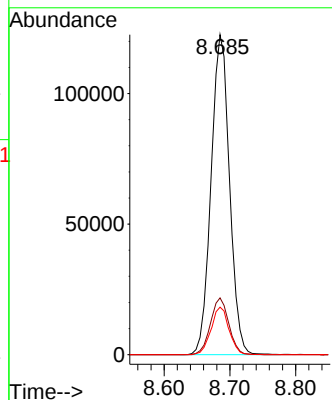
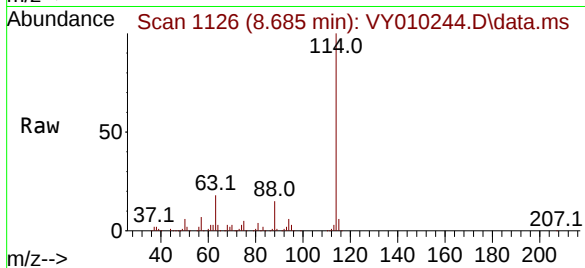
Tgt Ion:114 Resp: 239194

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.865 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010244.D

Acq: 31 Aug 2022 14:44

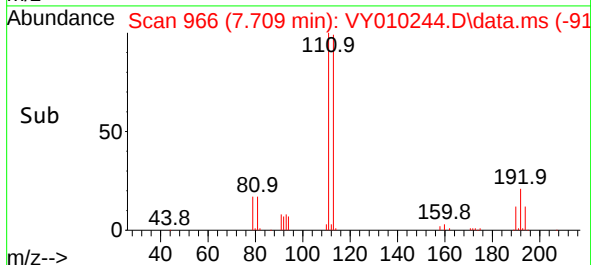
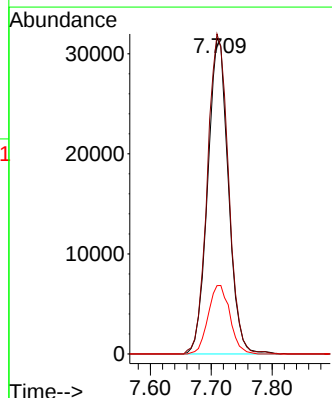
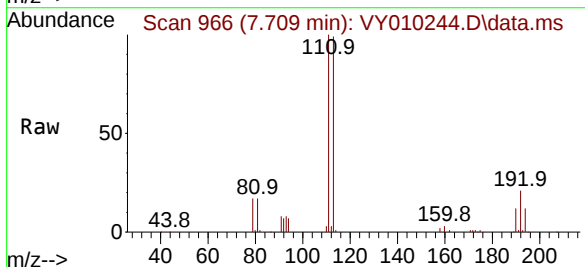
Tgt Ion:113 Resp: 74061

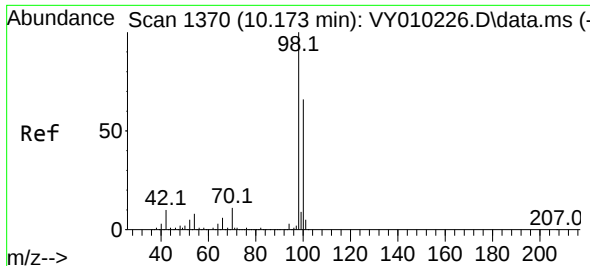
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 22.9 17.6 26.4

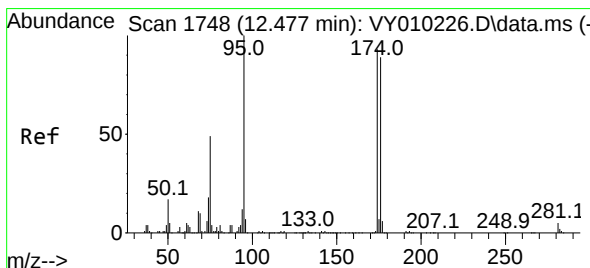
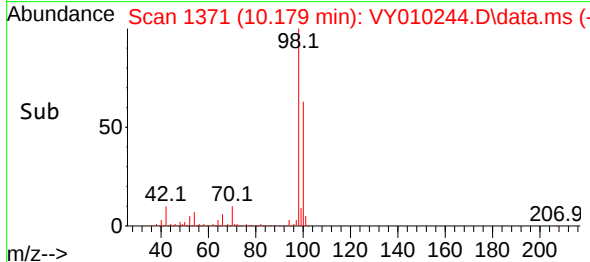
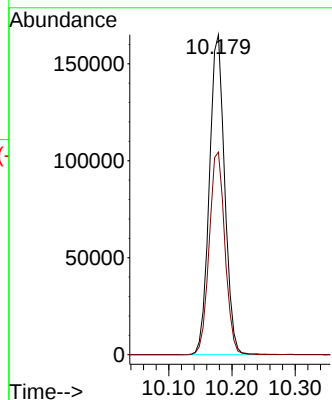
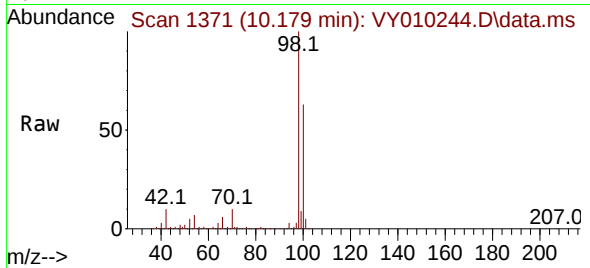




#50
Toluene-d8
Concen: 54.282 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

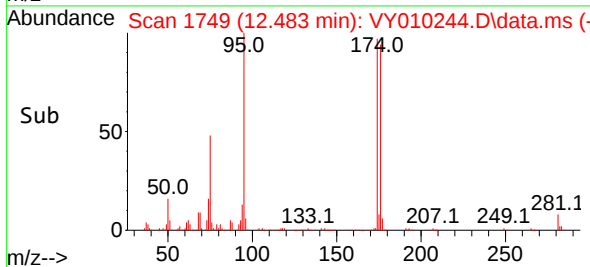
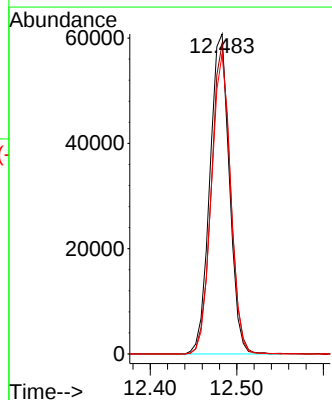
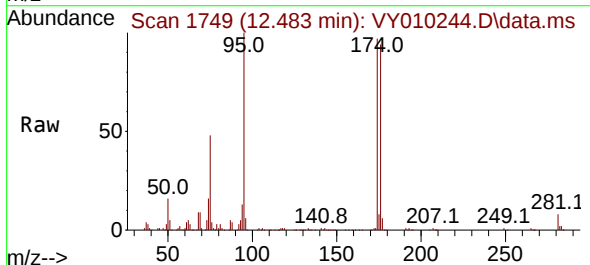
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-9

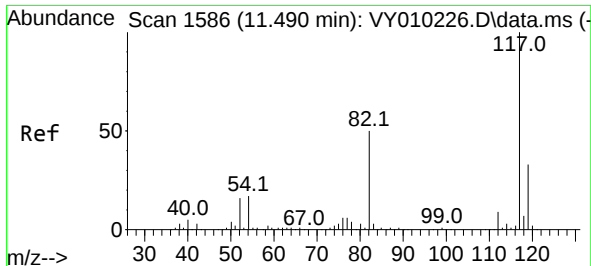
Tgt Ion: 98 Resp: 277579
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010244.D
Acq: 31 Aug 2022 14:44

Tgt Ion: 95 Resp: 95284
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 92.2 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: VY010244.D

Acq: 31 Aug 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-1-9

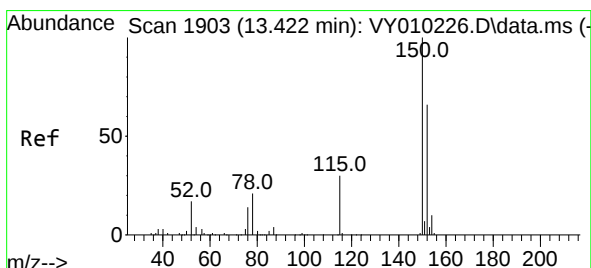
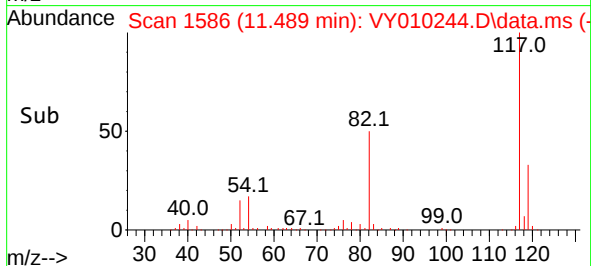
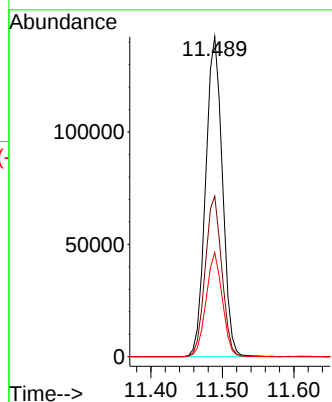
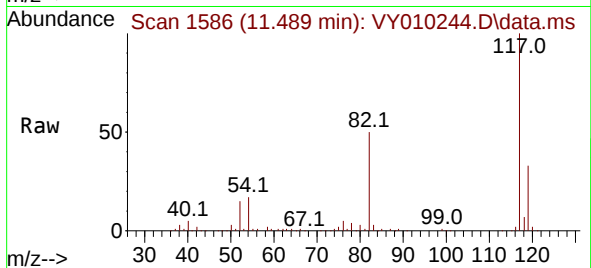
Tgt Ion:117 Resp: 231793

Ion Ratio Lower Upper

117 100

82 50.2 43.0 64.4

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010244.D

Acq: 31 Aug 2022 14:44

Tgt Ion:152 Resp: 111415

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 156.3 0.0 347.6

