

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010126.D
 Acq On : 20 Aug 2022 01:15
 Operator : KP/MD
 Sample : N4219-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-4

Quant Time: Aug 22 02:50:50 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	45042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25034	67.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.700%
35) Dibromofluoromethane	7.710	113	24713	52.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.179	98	96644	55.036	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.080%
62) 4-Bromofluorobenzene	12.477	95	34797	55.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.920%

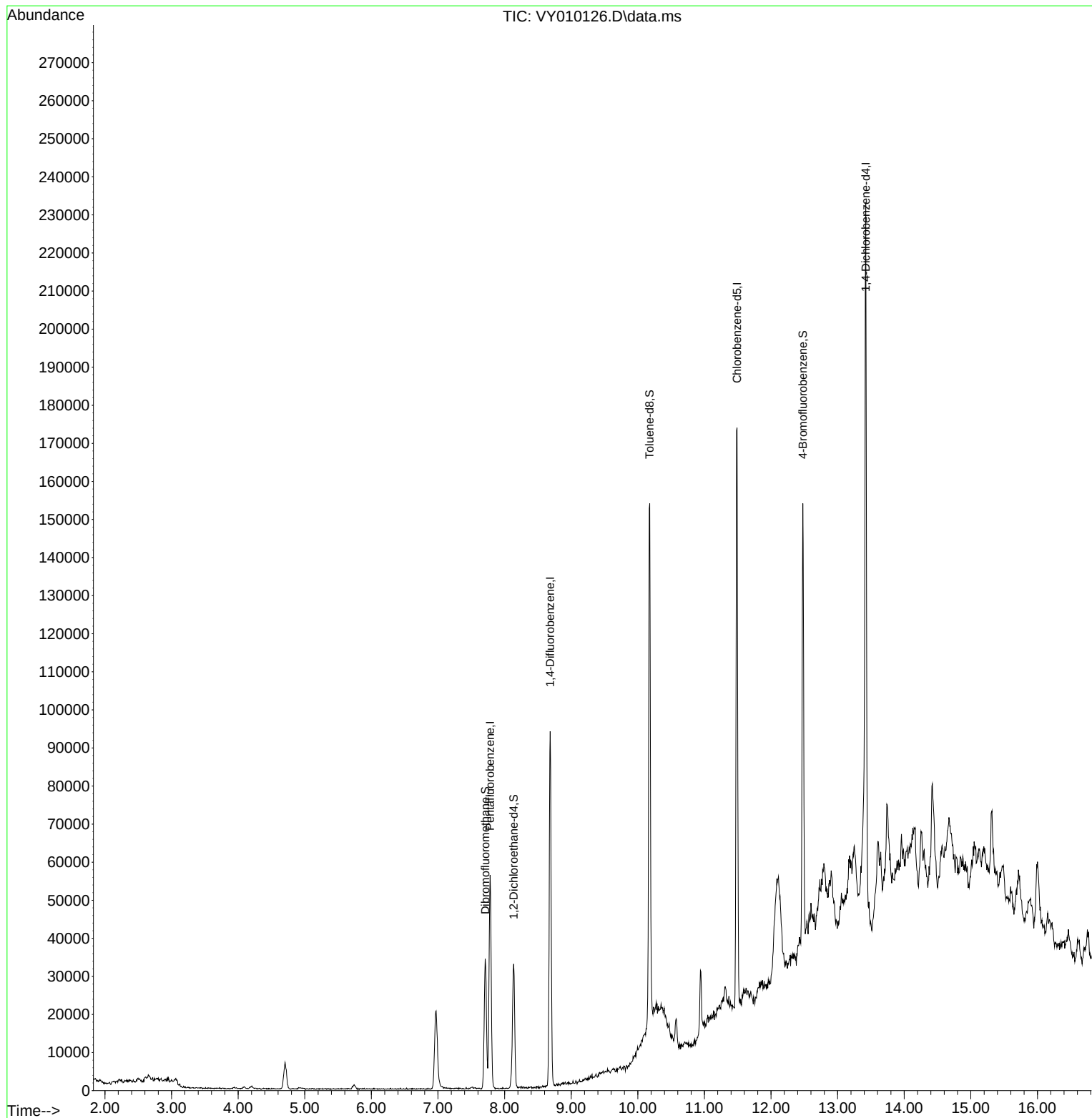
Target Compounds	Qvalue

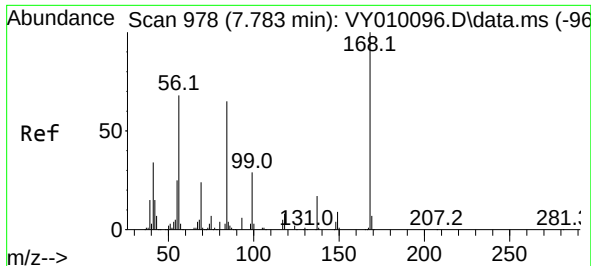
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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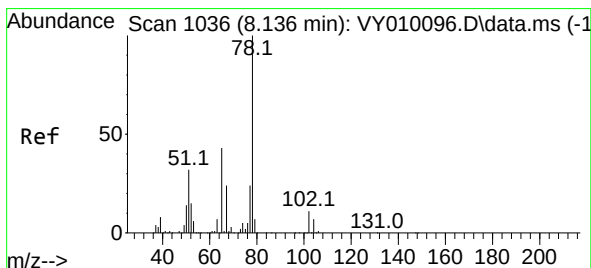
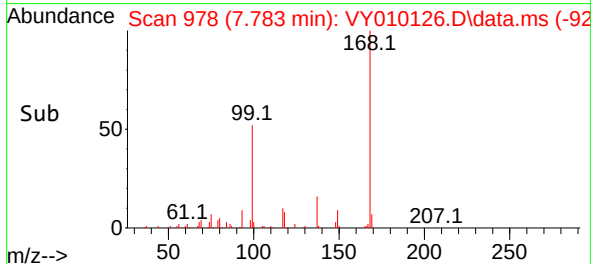
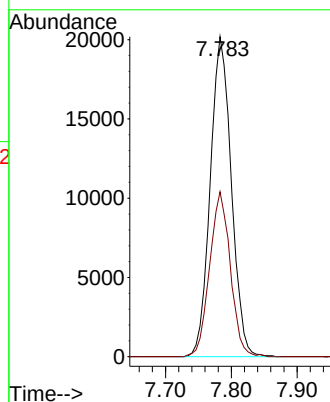
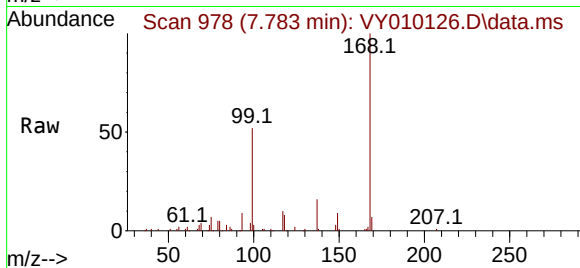




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010126.D
Acq: 20 Aug 2022 01:15

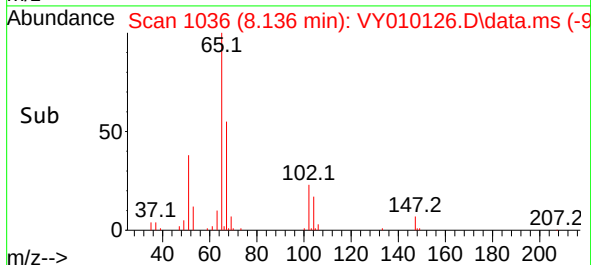
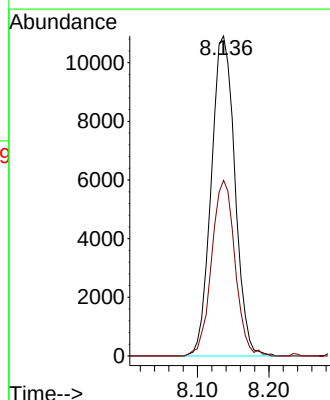
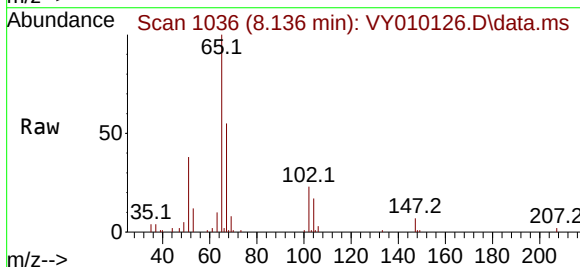
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

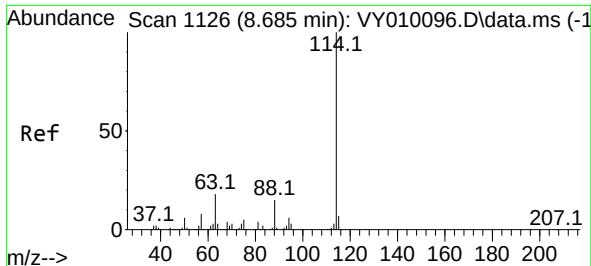
Tgt Ion:168 Resp: 45042
Ion Ratio Lower Upper
168 100
99 51.6 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 67.855 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010126.D
Acq: 20 Aug 2022 01:15

Tgt Ion: 65 Resp: 25034
Ion Ratio Lower Upper
65 100
67 54.3 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: VY010126.D

Acq: 20 Aug 2022 01:15

Instrument :

MSVOA_Y

ClientSampleId :

PX-4

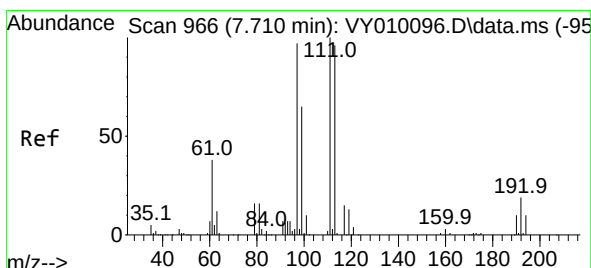
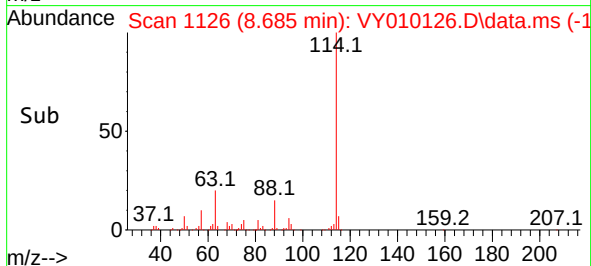
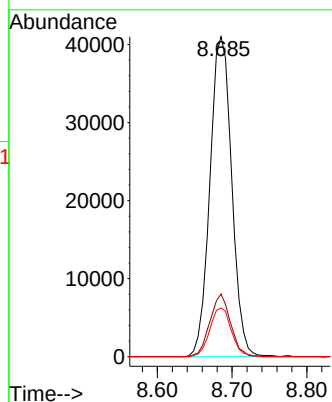
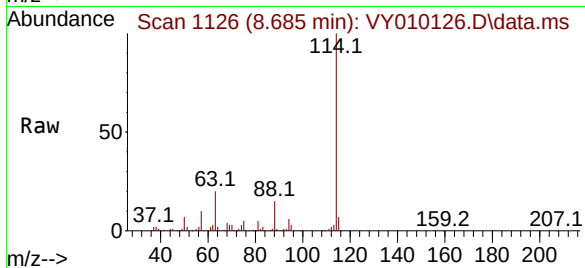
Tgt Ion:114 Resp: 83168

Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.6

88 15.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 52.734 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010126.D

Acq: 20 Aug 2022 01:15

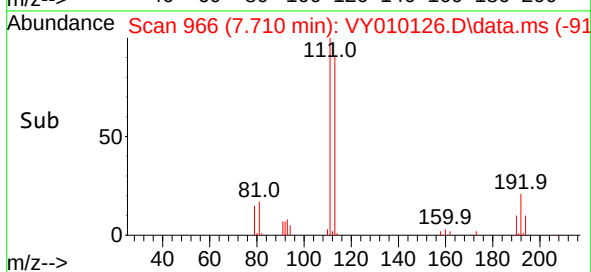
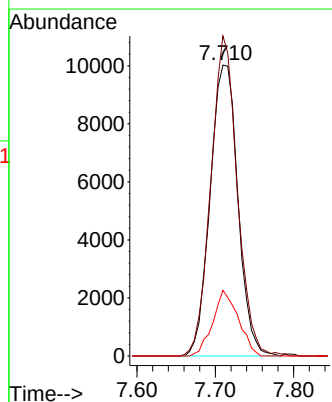
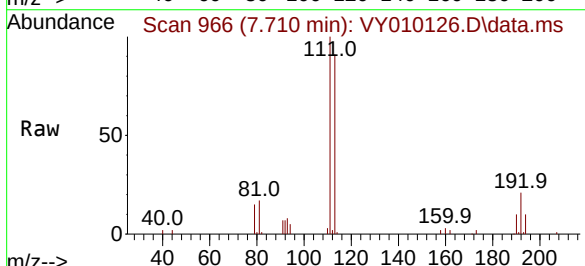
Tgt Ion:113 Resp: 24713

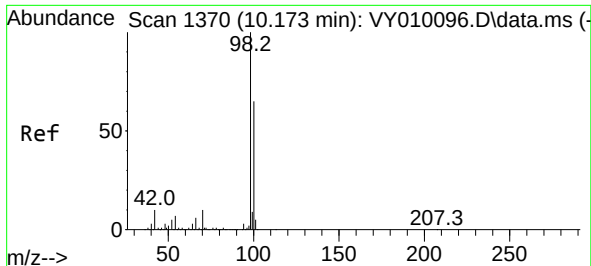
Ion Ratio Lower Upper

113 100

111 104.7 82.8 124.2

192 20.7 16.3 24.5

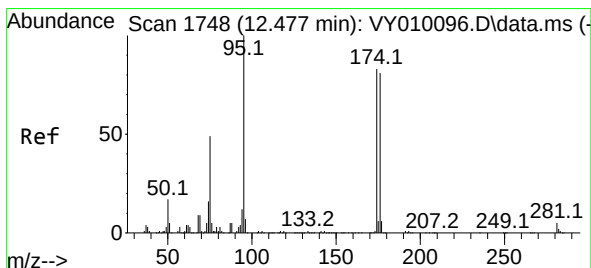
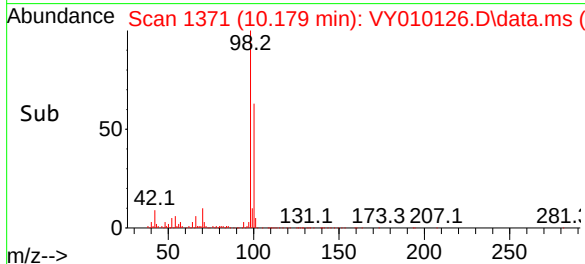
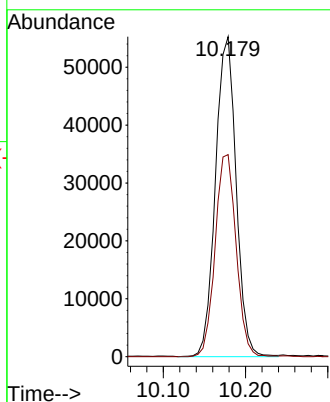
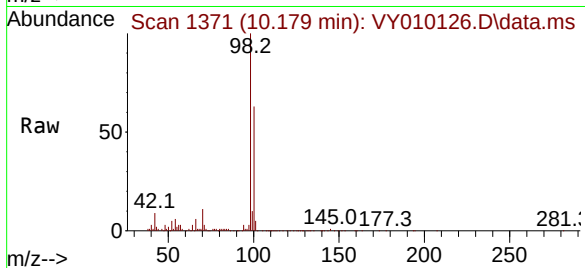




#50
Toluene-d8
Concen: 55.036 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010126.D
Acq: 20 Aug 2022 01:15

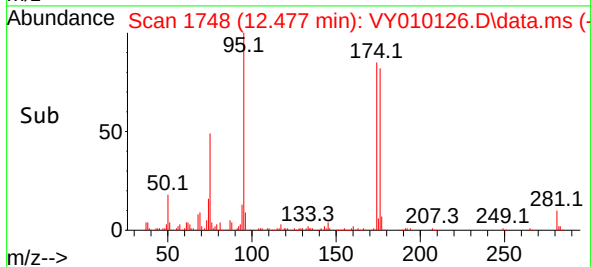
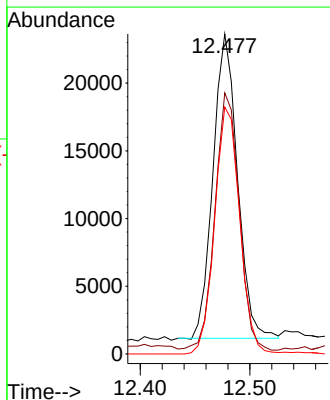
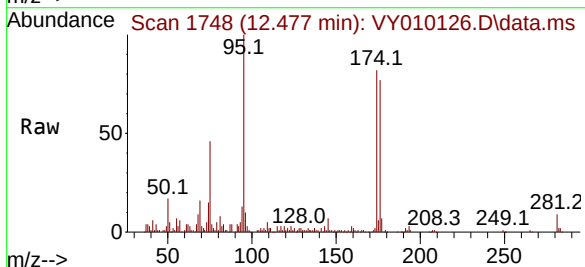
Instrument :
MSVOA_Y
ClientSampleId :
PX-4

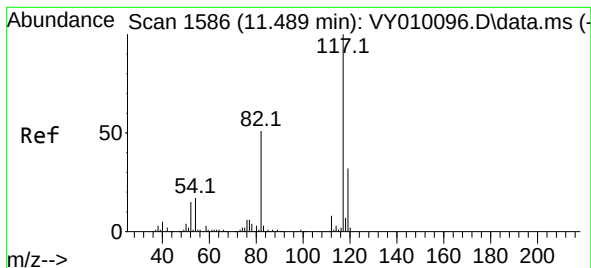
Tgt Ion: 98 Resp: 96644
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 55.461 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010126.D
Acq: 20 Aug 2022 01:15

Tgt Ion: 95 Resp: 34797
Ion Ratio Lower Upper
95 100
174 83.7 0.0 173.8
176 83.1 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: VY010126.D

Acq: 20 Aug 2022 01:15

Instrument :

MSVOA_Y

ClientSampleId :

PX-4

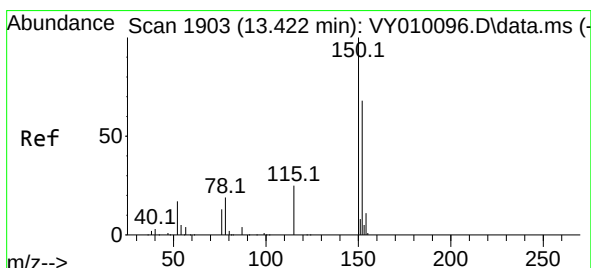
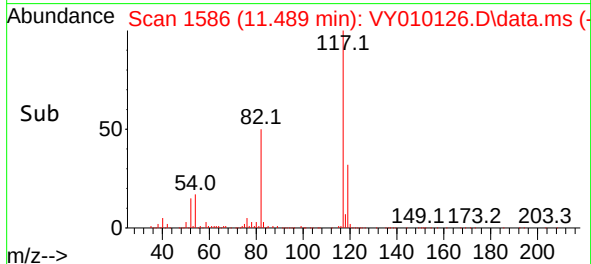
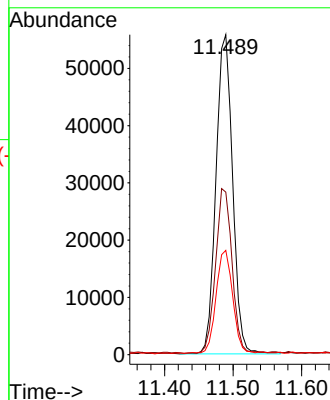
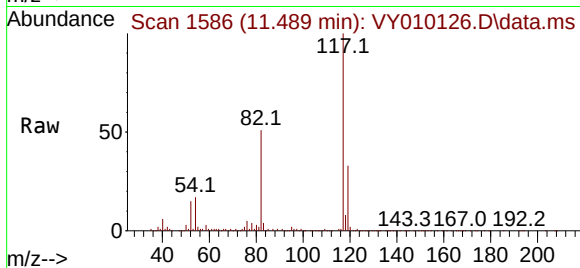
Tgt Ion:117 Resp: 93659

Ion Ratio Lower Upper

117 100

82 50.3 40.6 61.0

119 32.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010126.D

Acq: 20 Aug 2022 01:15

Tgt Ion:152 Resp: 46124

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 153.4 0.0 346.2

