

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010125.D
 Acq On : 20 Aug 2022 00:52
 Operator : KP/MD
 Sample : N4219-03
 Misc : 4.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-3

Quant Time: Aug 22 02:50:30 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	181447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	340206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97767	65.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.560%
35) Dibromofluoromethane	7.710	113	95545	49.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.173	98	371628	51.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.477	95	139170	54.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.460%

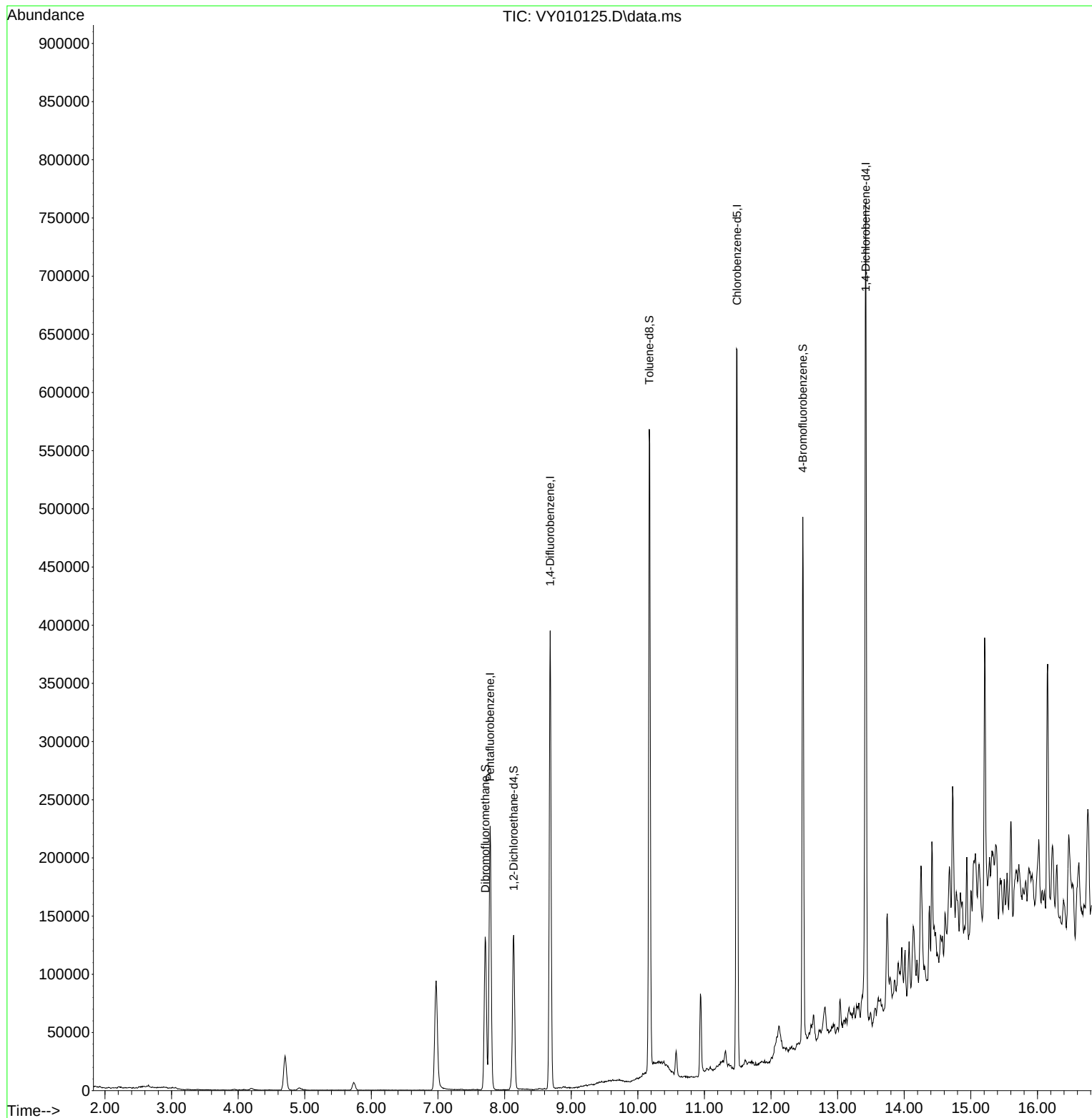
Target Compounds	Qvalue

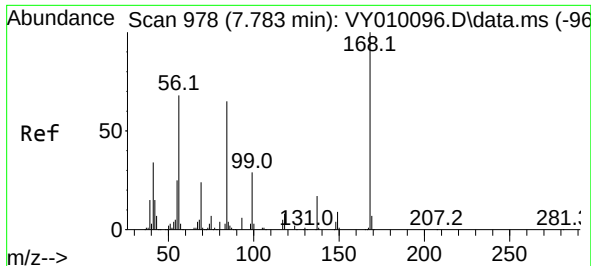
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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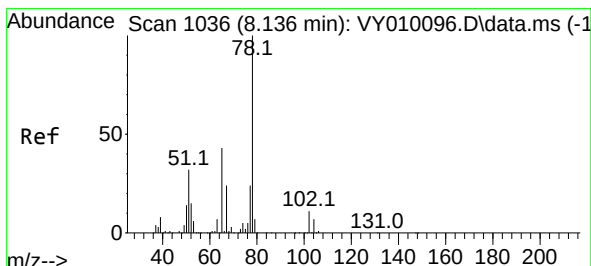
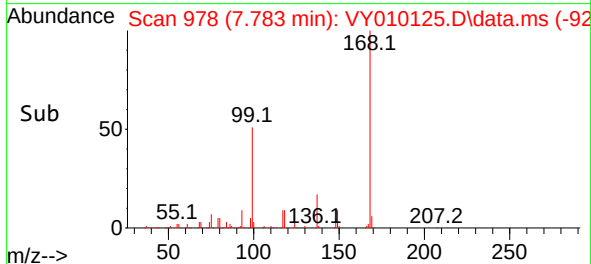
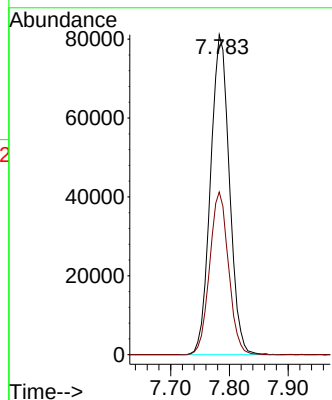
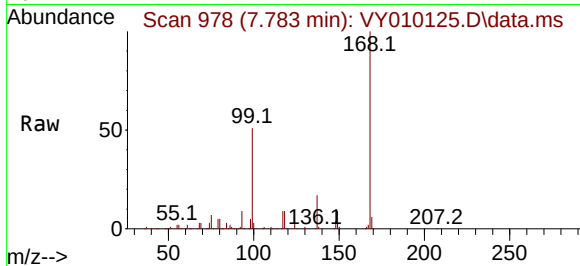




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

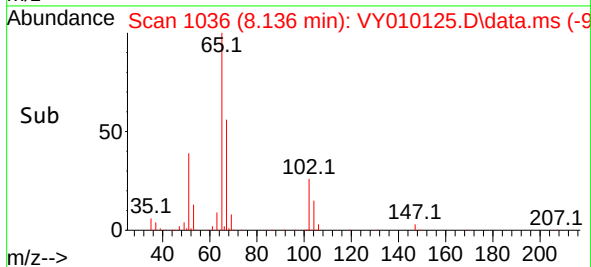
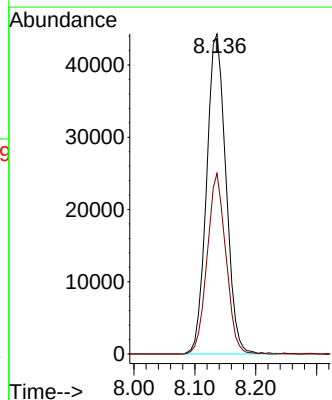
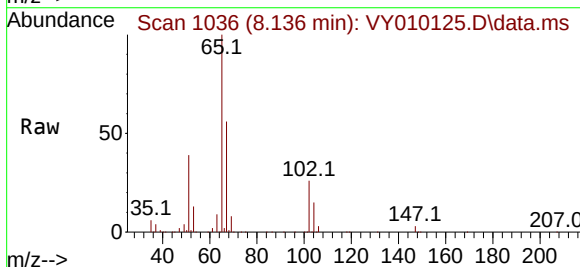
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

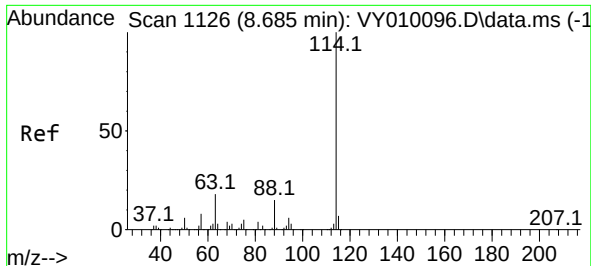
Tgt Ion:168 Resp: 181447
Ion Ratio Lower Upper
168 100
99 50.8 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 65.782 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 65 Resp: 97767
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6

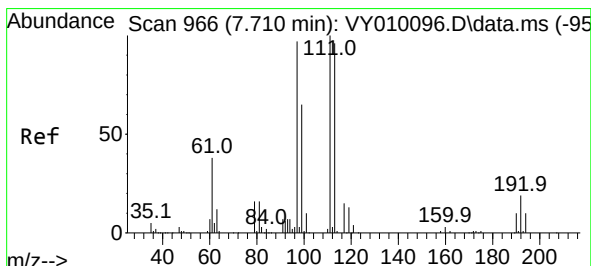
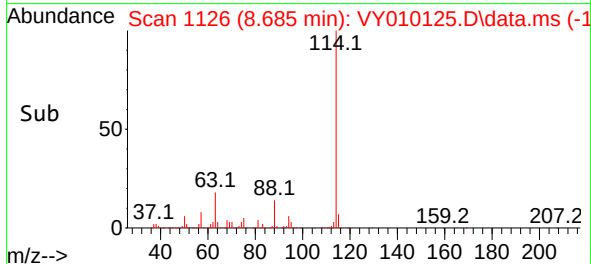
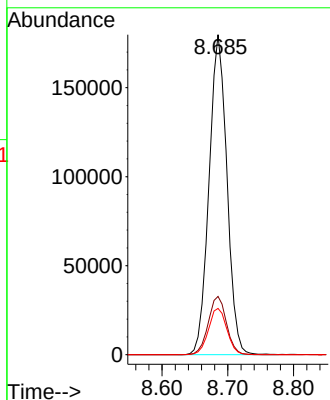
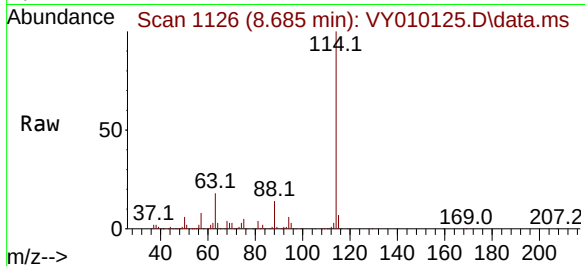




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

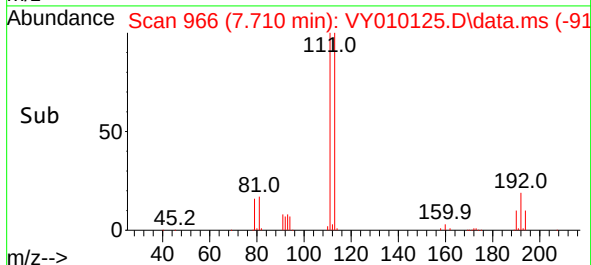
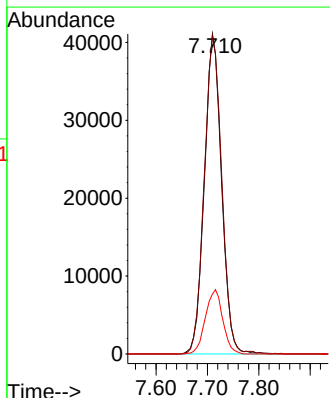
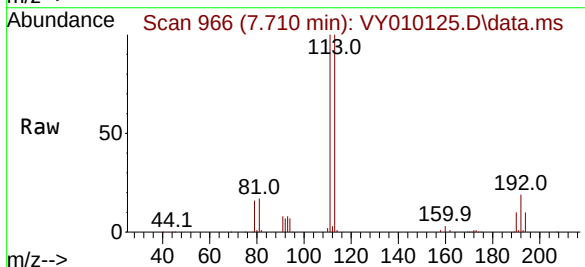
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

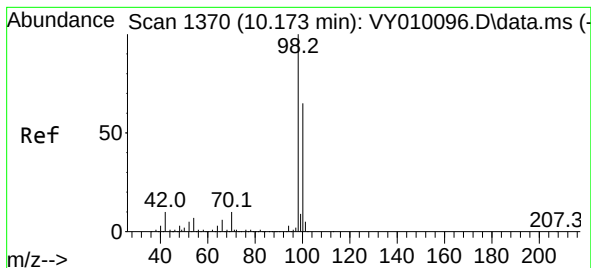
Tgt Ion:114 Resp: 340206
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.6
88 14.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.841 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion:113 Resp: 95545
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 20.3 16.3 24.5

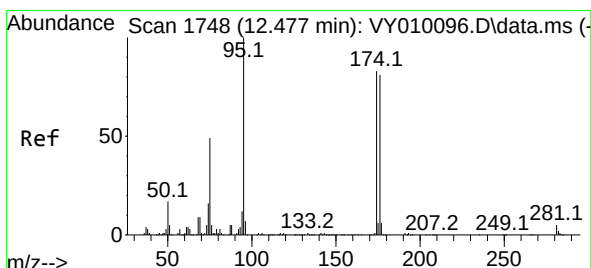
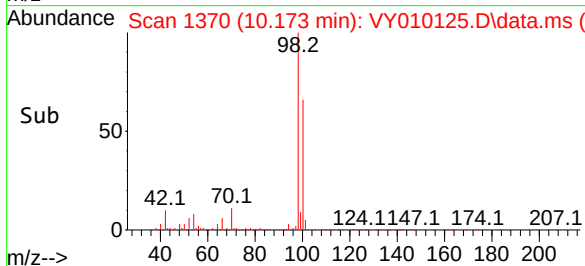
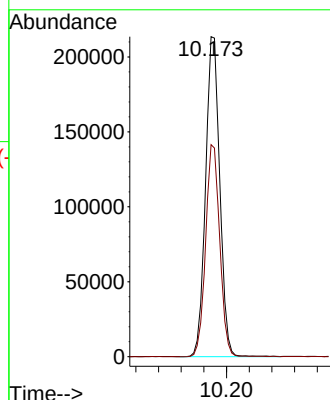
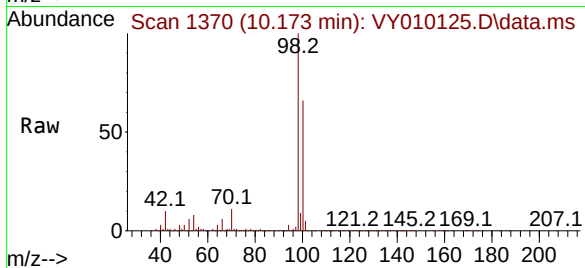




#50
Toluene-d8
Concen: 51.736 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

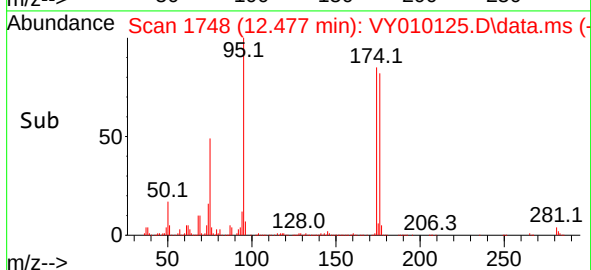
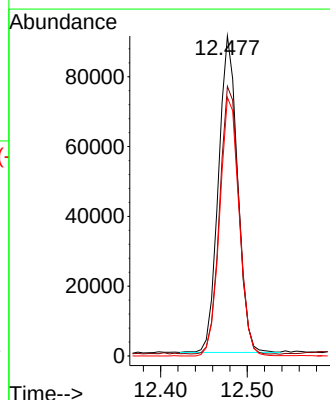
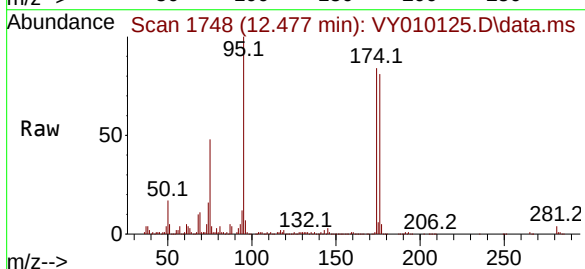
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

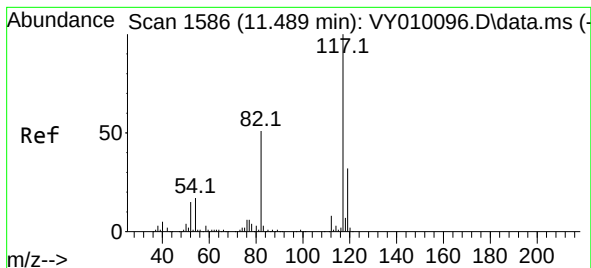
Tgt Ion: 98 Resp: 371628
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010125.D
Acq: 20 Aug 2022 00:52

Tgt Ion: 95 Resp: 139170
Ion Ratio Lower Upper
95 100
174 85.5 0.0 173.8
176 83.0 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: VY010125.D

Acq: 20 Aug 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

PX-3

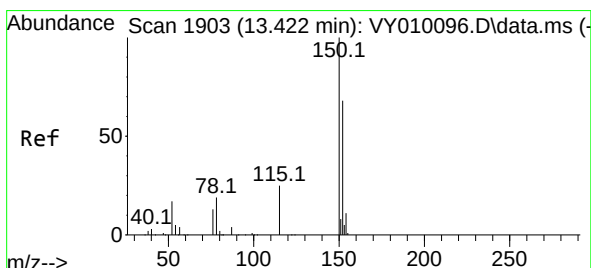
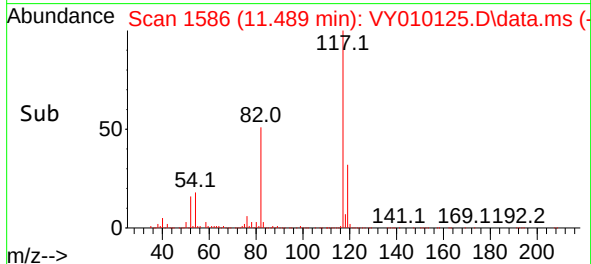
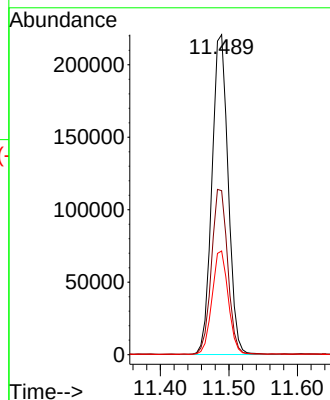
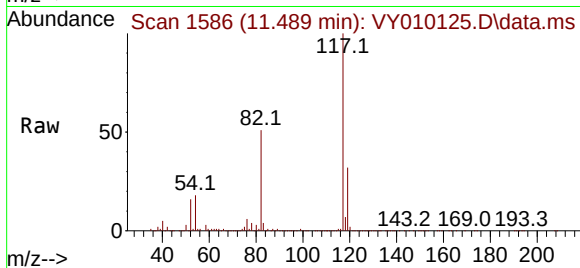
Tgt Ion:117 Resp: 362962

Ion Ratio Lower Upper

117 100

82 51.1 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: VY010125.D

Acq: 20 Aug 2022 00:52

Tgt Ion:152 Resp: 184707

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 156.2 0.0 346.2

