

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010130.D
 Acq On : 20 Aug 2022 02:49
 Operator : KP/MD
 Sample : N4142-04
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-WEST

Quant Time: Aug 22 02:52:07 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)

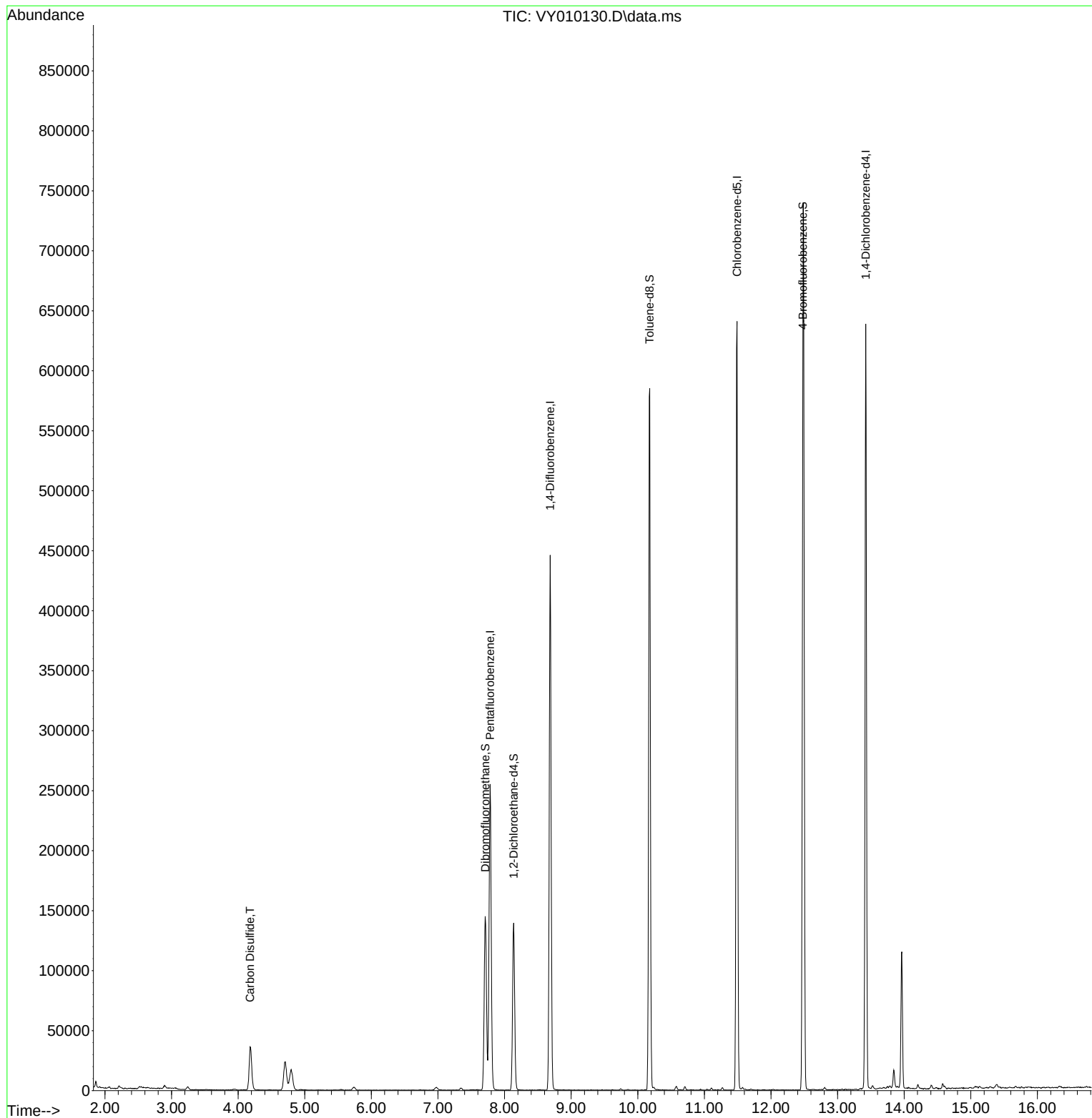
Internal Standards						
1) Pentafluorobenzene	7.783	168	206202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	371832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	103897	61.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.020%
35) Dibromofluoromethane	7.710	113	107305	48.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.179	98	401532	48.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.477	95	131637	44.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.100%
Target Compounds						Qvalue
17) Carbon Disulfide	4.180	76	75726	12.553	ug/l	97

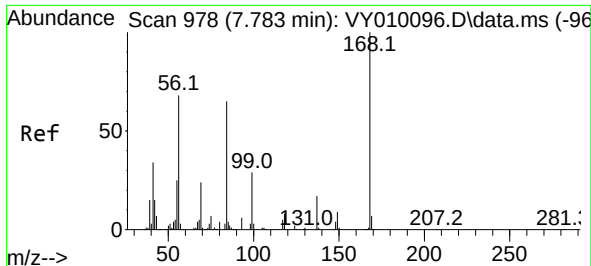
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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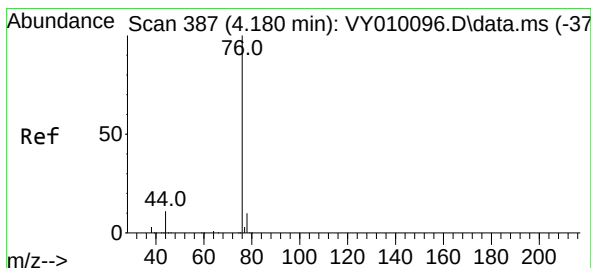
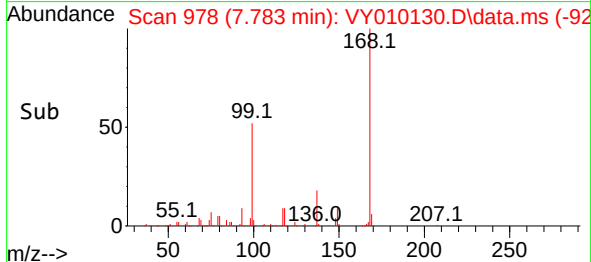
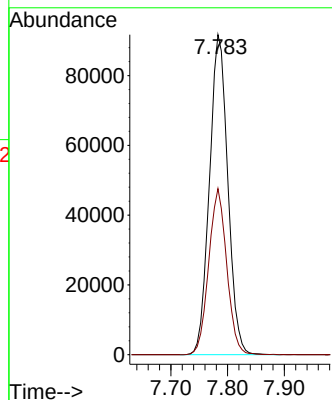
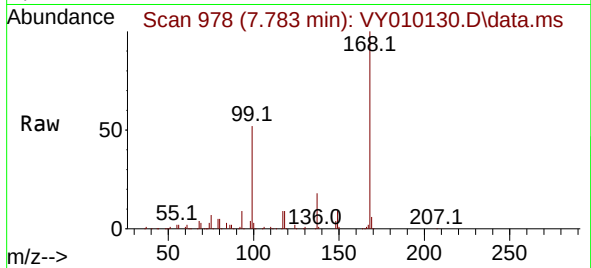




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010130.D
Acq: 20 Aug 2022 02:49

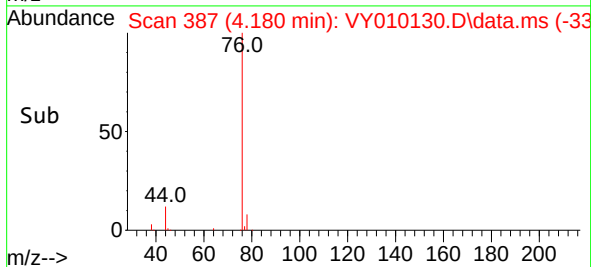
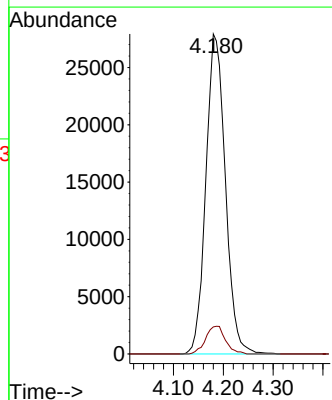
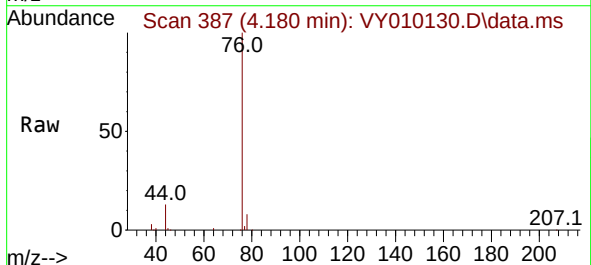
Instrument :
MSVOA_Y
ClientSampleId :
UST-WEST

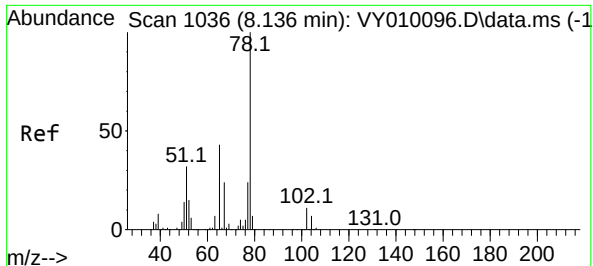
Tgt Ion:168 Resp: 206202
Ion Ratio Lower Upper
168 100
99 51.9 40.7 61.1



#17
Carbon Disulfide
Concen: 12.553 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010130.D
Acq: 20 Aug 2022 02:49

Tgt Ion: 76 Resp: 75726
Ion Ratio Lower Upper
76 100
78 8.4 7.7 11.5





#33

1,2-Dichloroethane-d4

Concen: 61.514 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010130.D

Acq: 20 Aug 2022 02:49

Instrument :

MSVOA_Y

ClientSampleId :

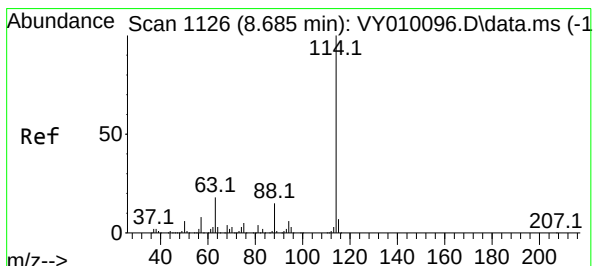
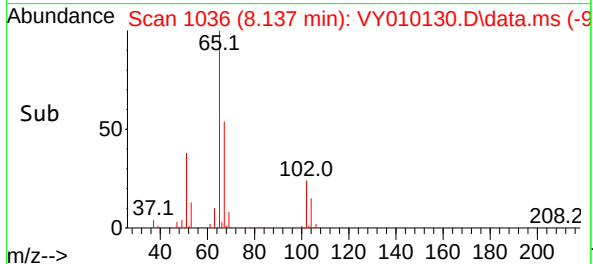
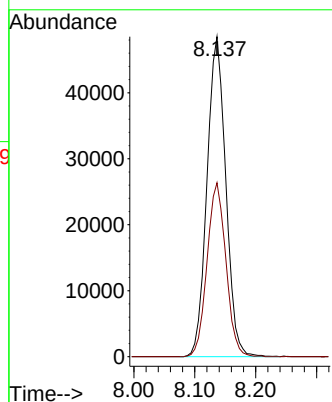
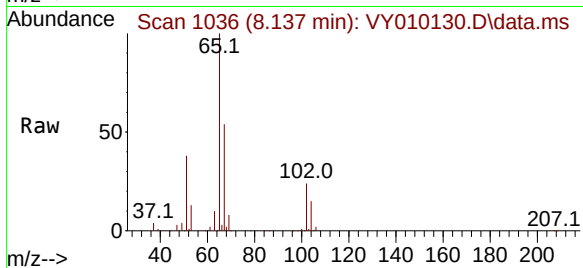
UST-WEST

Tgt Ion: 65 Resp: 103897

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: VY010130.D

Acq: 20 Aug 2022 02:49

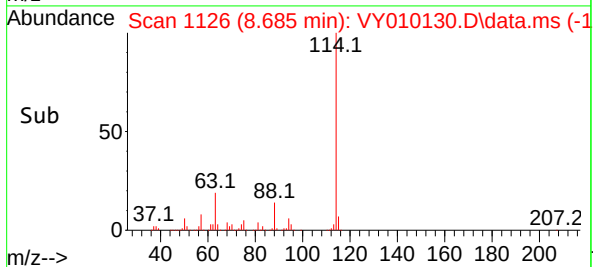
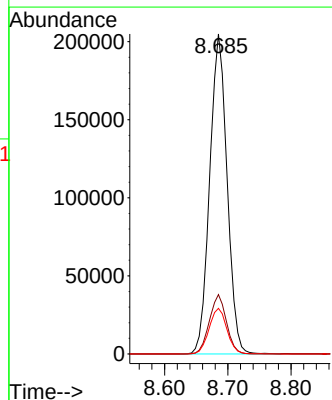
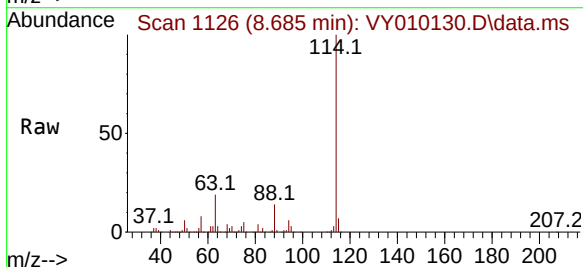
Tgt Ion: 114 Resp: 391719

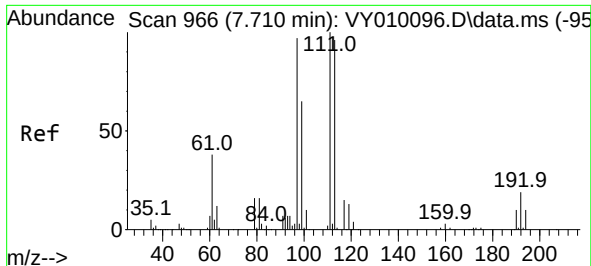
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

88 14.3 0.0 29.6

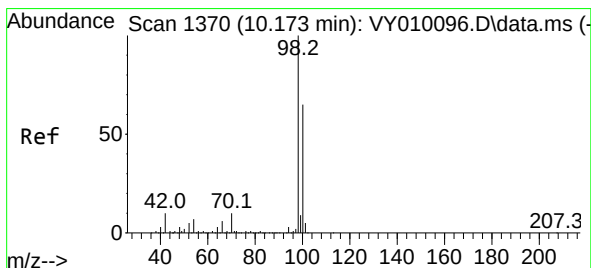
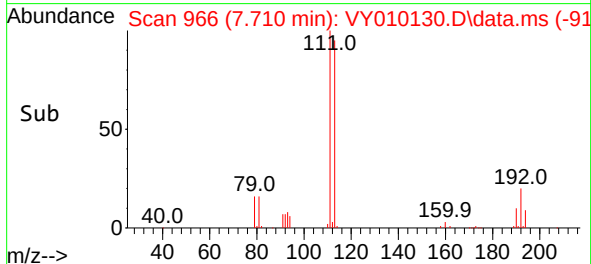
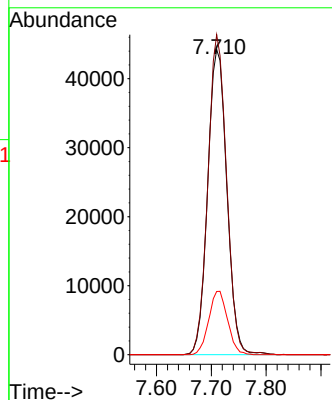
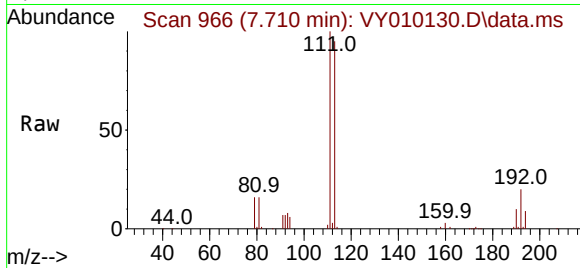




#35
 Dibromofluoromethane
 Concen: 48.614 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010130.D
 Acq: 20 Aug 2022 02:49

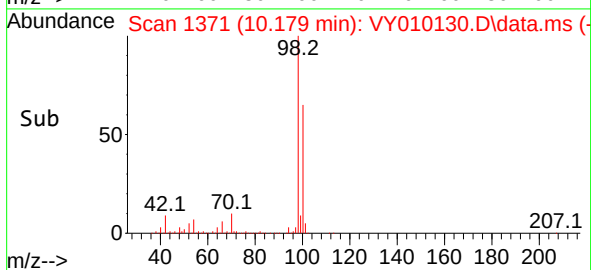
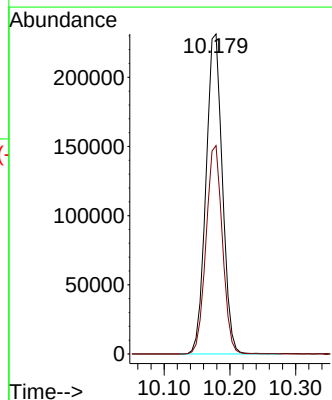
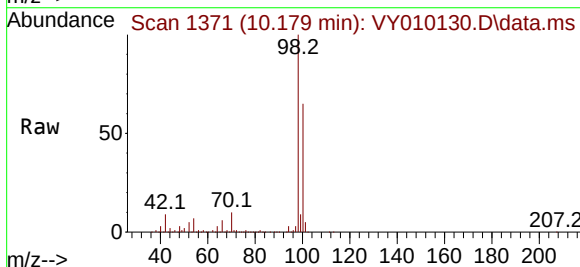
Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-WEST

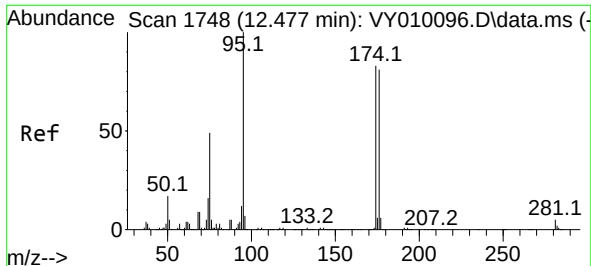
Tgt Ion:113 Resp: 107305
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 20.4 16.3 24.5



#50
 Toluene-d8
 Concen: 48.548 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010130.D
 Acq: 20 Aug 2022 02:49

Tgt Ion: 98 Resp: 401532
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9

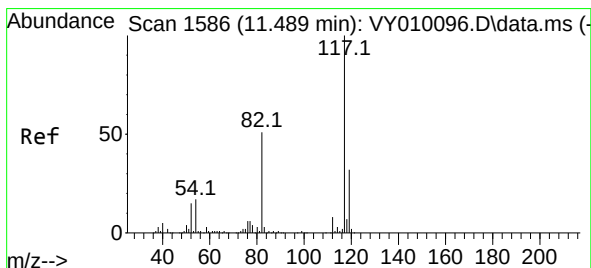
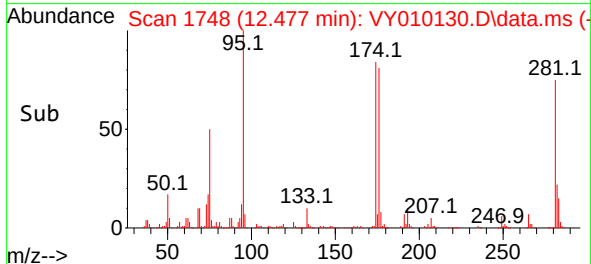
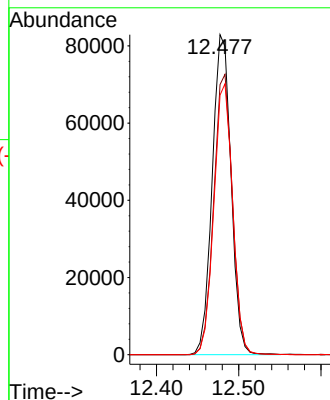
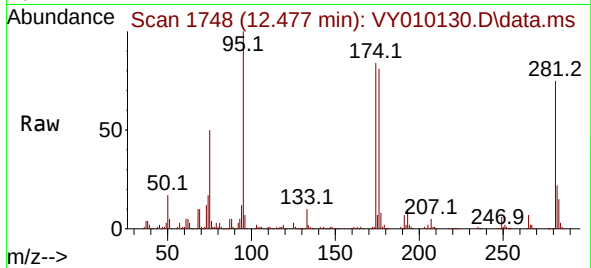




#62
4-Bromofluorobenzene
Concen: 44.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010130.D
Acq: 20 Aug 2022 02:49

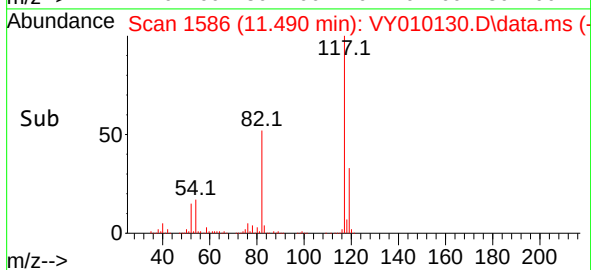
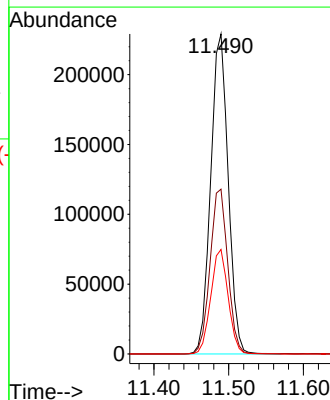
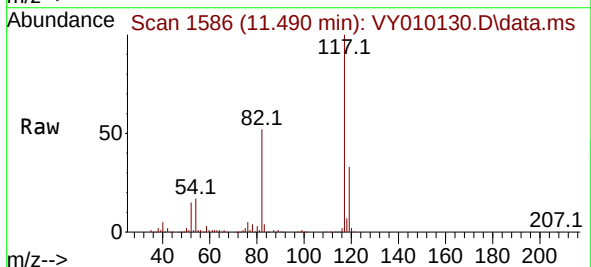
Instrument :
MSVOA_Y
ClientSampleId :
UST-WEST

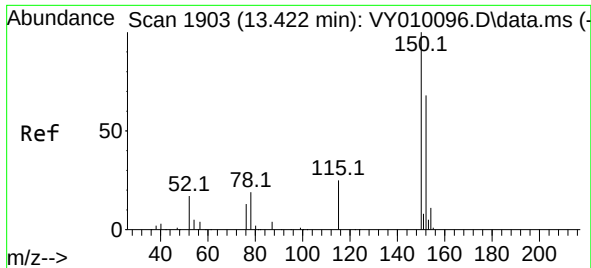
Tgt Ion: 95 Resp: 131637
Ion Ratio Lower Upper
95 100
174 87.3 0.0 173.8
176 84.7 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010130.D
Acq: 20 Aug 2022 02:49

Tgt Ion: 117 Resp: 371832
Ion Ratio Lower Upper
117 100
82 51.5 40.6 61.0
119 32.6 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: VY010130.D

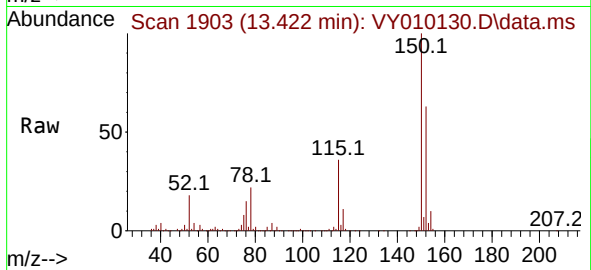
Acq: 20 Aug 2022 02:49

Instrument :

MSVOA_Y

ClientSampleId :

UST-WEST



Tgt Ion:152 Resp: 168395

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 159.2 0.0 346.2

