

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010128.D
 Acq On : 20 Aug 2022 02:02
 Operator : KP/MD
 Sample : N4142-02
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-SOUTH

Quant Time: Aug 22 02:51:31 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)

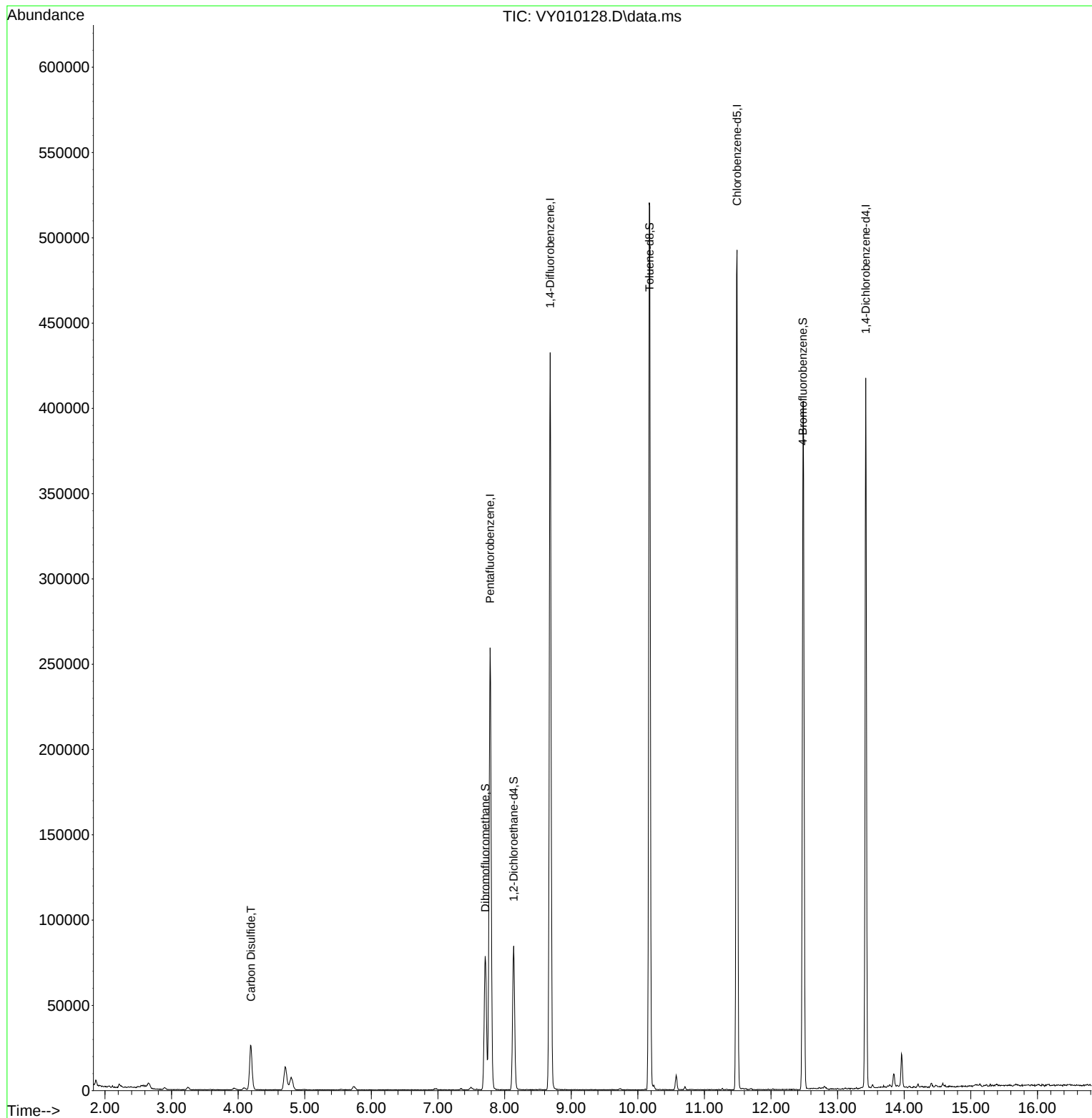
Internal Standards						
1) Pentafluorobenzene	7.783	168	209903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62702	36.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.940%
35) Dibromofluoromethane	7.710	113	58107	27.485	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.960%
50) Toluene-d8	10.179	98	354223	44.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.477	95	87973	31.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.160%
Target Compounds						
17) Carbon Disulfide	4.192	76	54064	8.804	ug/l	97

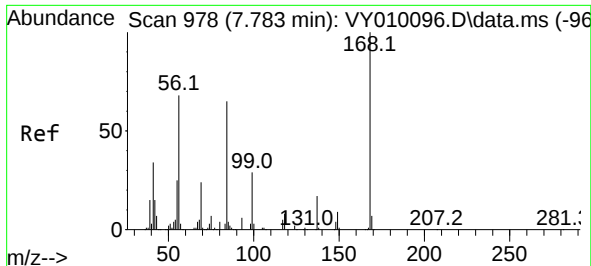
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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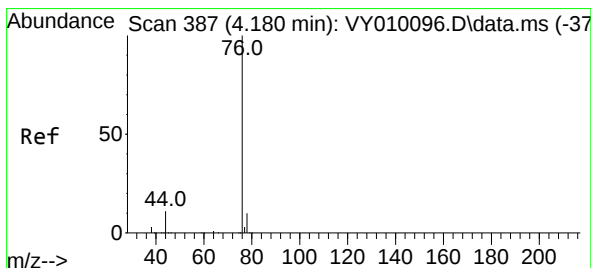
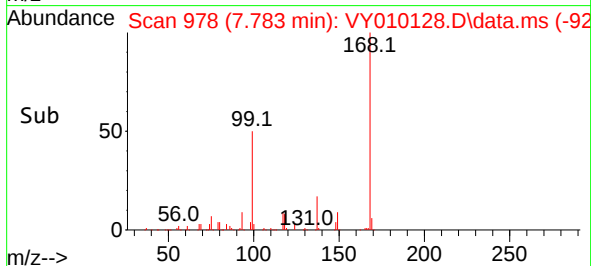
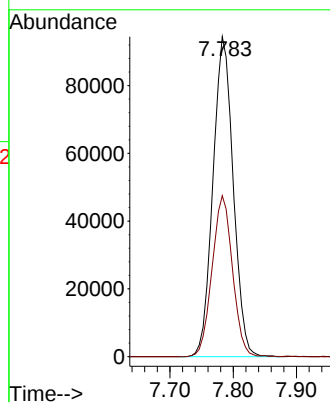
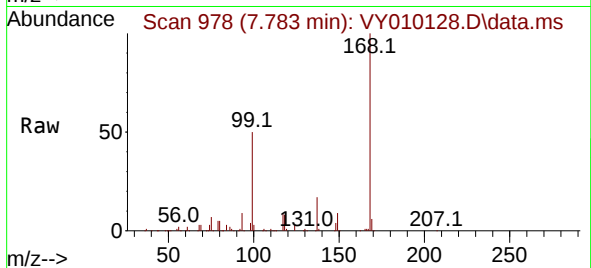




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010128.D
Acq: 20 Aug 2022 02:02

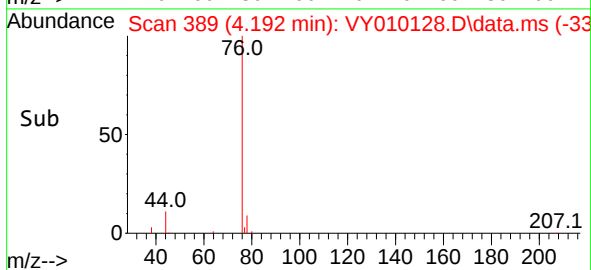
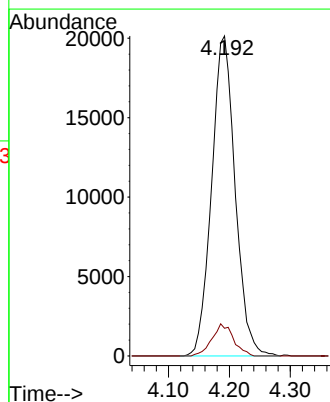
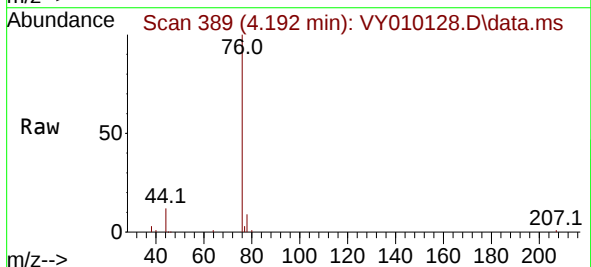
Instrument :
MSVOA_Y
ClientSampleId :
UST-SOUTH

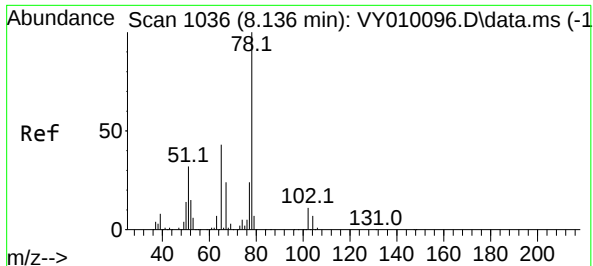
Tgt Ion:168 Resp: 209903
Ion Ratio Lower Upper
168 100
99 50.3 40.7 61.1



#17
Carbon Disulfide
Concen: 8.804 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.012 min
Lab File: VY010128.D
Acq: 20 Aug 2022 02:02

Tgt Ion: 76 Resp: 54064
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5





#33

1,2-Dichloroethane-d4

Concen: 36.469 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010128.D

Acq: 20 Aug 2022 02:02

Instrument :

MSVOA_Y

ClientSampleId :

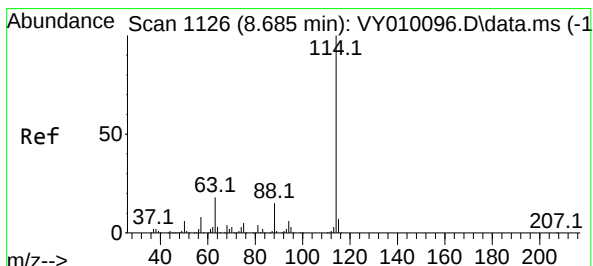
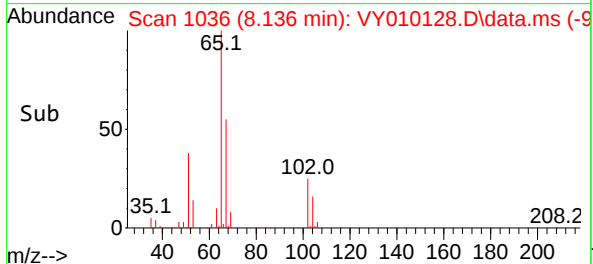
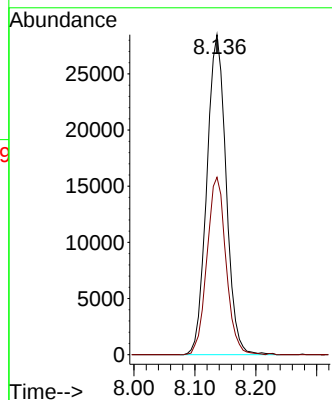
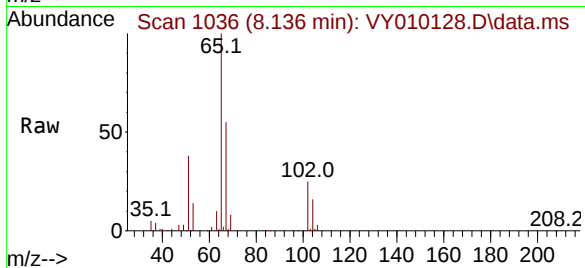
UST-SOUTH

Tgt Ion: 65 Resp: 62702

Ion Ratio Lower Upper

65 100

67 54.8 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: VY010128.D

Acq: 20 Aug 2022 02:02

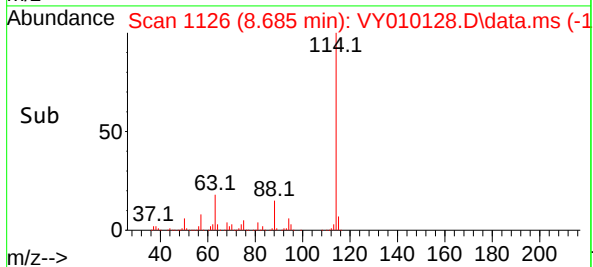
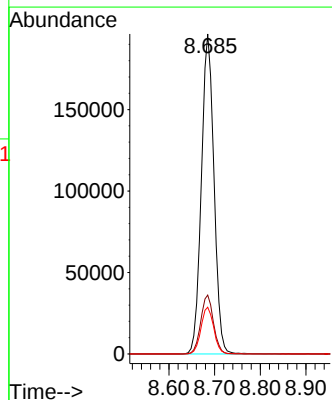
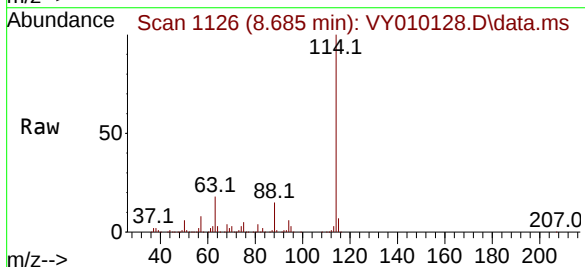
Tgt Ion: 114 Resp: 375193

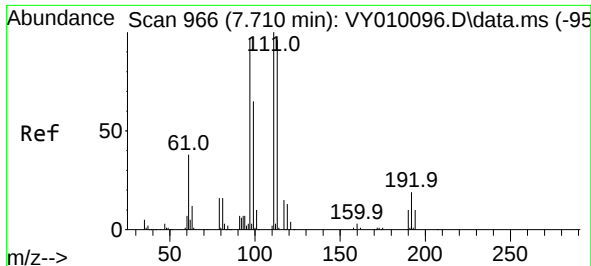
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 14.6 0.0 29.6

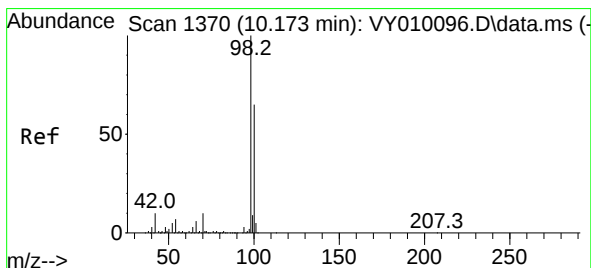
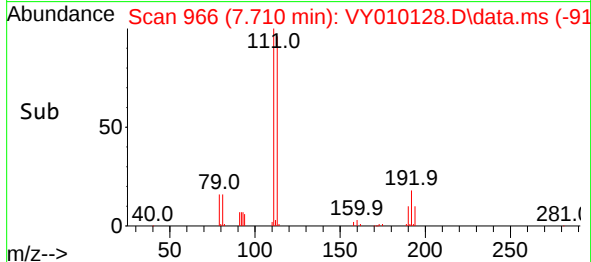
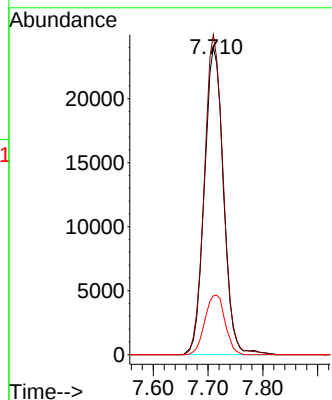
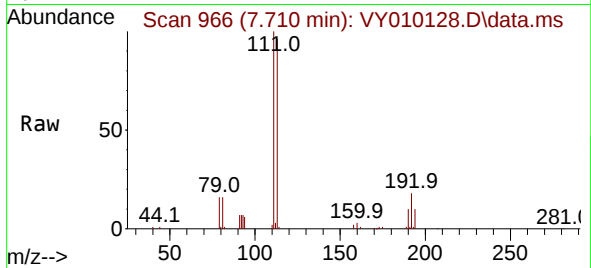




#35
Dibromofluoromethane
Concen: 27.485 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010128.D
Acq: 20 Aug 2022 02:02

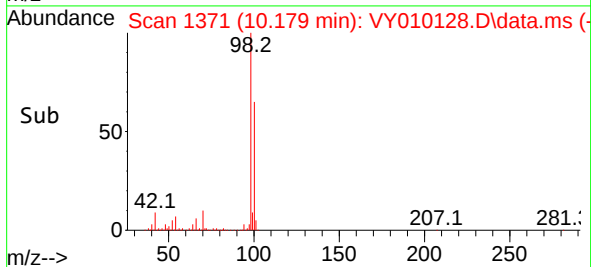
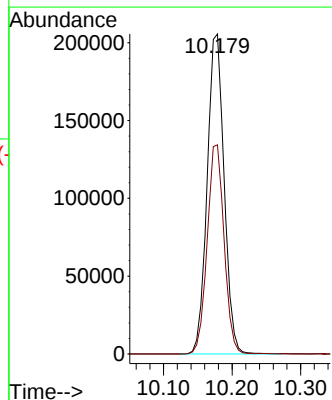
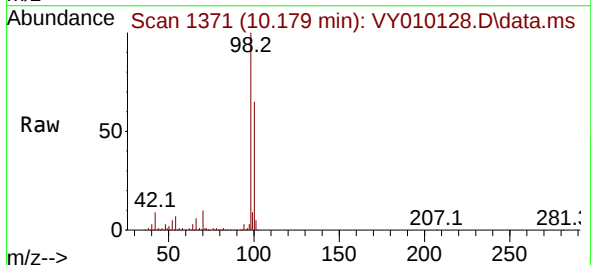
Instrument :
MSVOA_Y
ClientSampleId :
UST-SOUTH

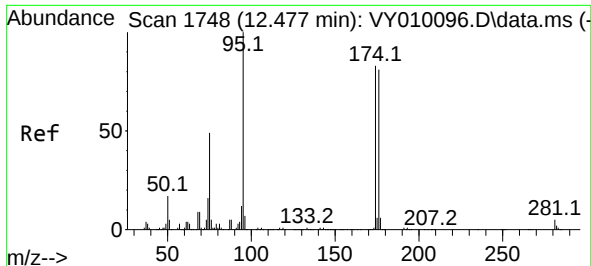
Tgt Ion:113 Resp: 58107
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 20.4 16.3 24.5



#50
Toluene-d8
Concen: 44.715 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010128.D
Acq: 20 Aug 2022 02:02

Tgt Ion: 98 Resp: 354223
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 31.081 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010128.D

Acq: 20 Aug 2022 02:02

Instrument :

MSVOA_Y

ClientSampleId :

UST-SOUTH

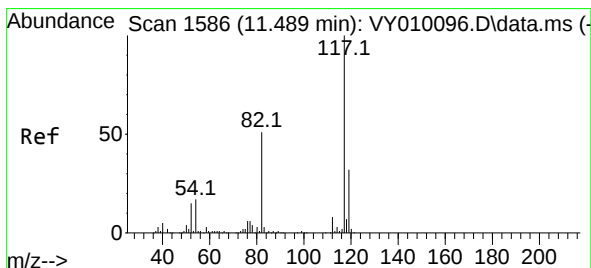
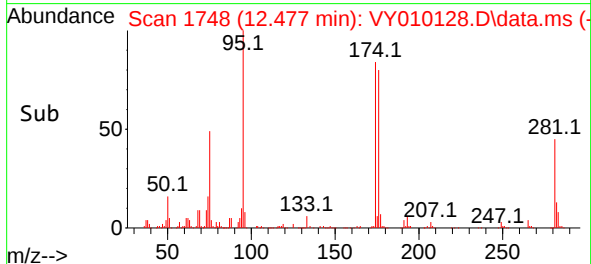
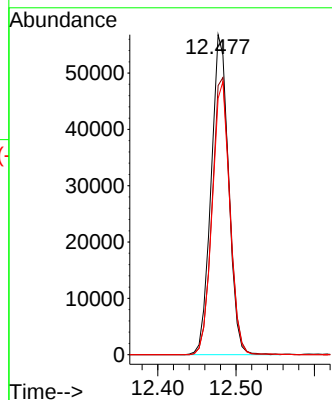
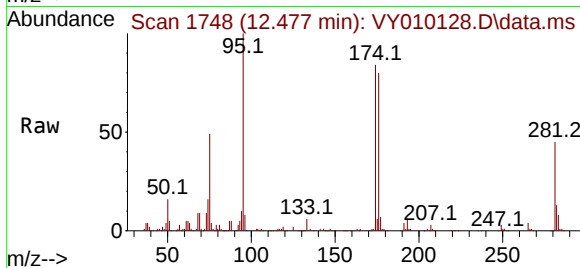
Tgt Ion: 95 Resp: 87973

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.8

176 85.5 0.0 167.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010128.D

Acq: 20 Aug 2022 02:02

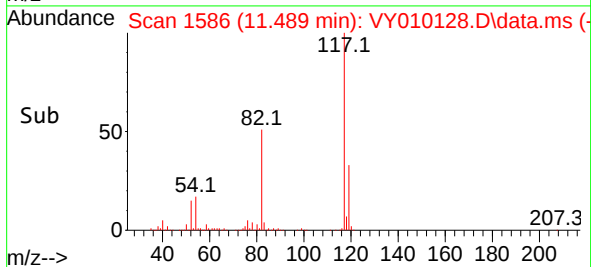
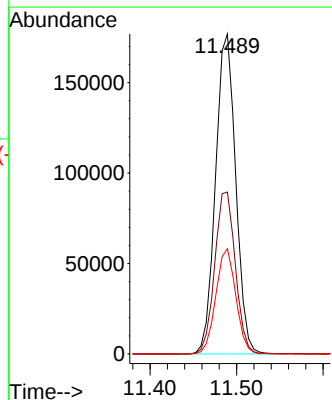
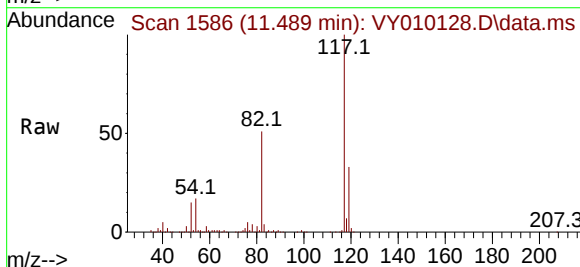
Tgt Ion: 117 Resp: 286045

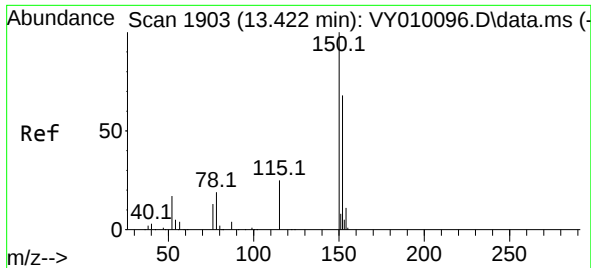
Ion Ratio Lower Upper

117 100

82 50.6 40.6 61.0

119 32.9 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: VY010128.D
 Acq: 20 Aug 2022 02:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-SOUTH

Tgt Ion:152 Resp: 109135
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.1 84.2
 150 157.6 0.0 346.2

