

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010129.D
 Acq On : 20 Aug 2022 02:26
 Operator : KP/MD
 Sample : N4142-03
 Misc : 6.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-EAST

Quant Time: Aug 22 02:51:49 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)

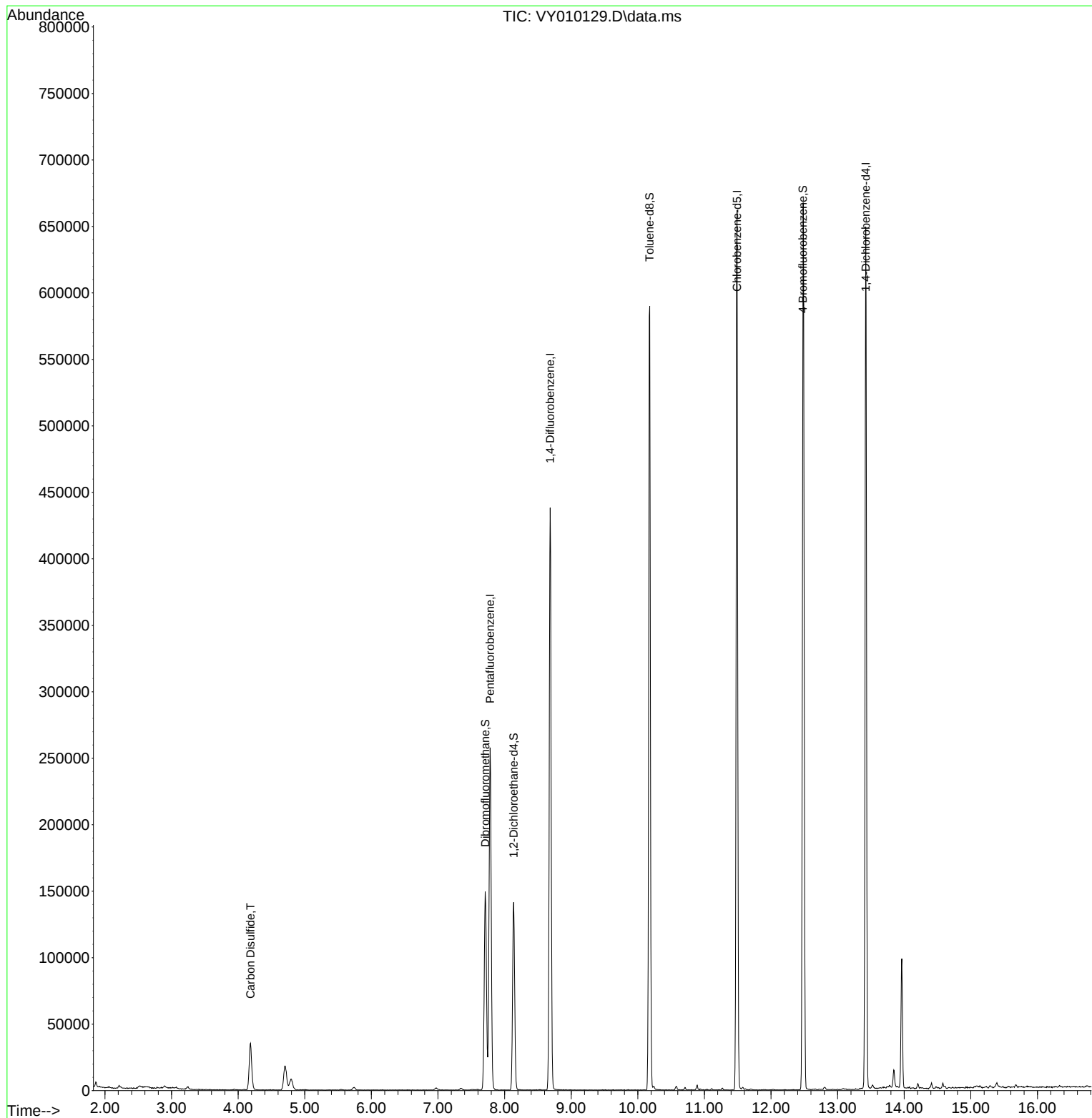
Internal Standards						
1) Pentafluorobenzene	7.783	168	209073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	397422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	380710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105635	61.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.360%
35) Dibromofluoromethane	7.710	113	108787	48.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.179	98	407537	48.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	134133	44.739	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.480%
Target Compounds						
17) Carbon Disulfide	4.186	76	73054	11.944	ug/l	Qvalue 97

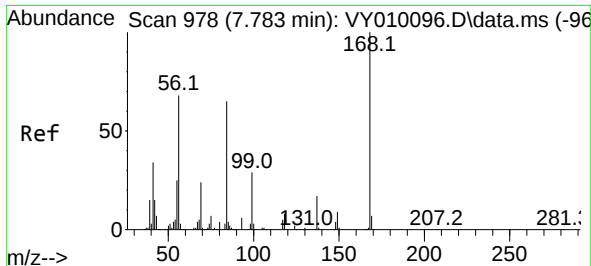
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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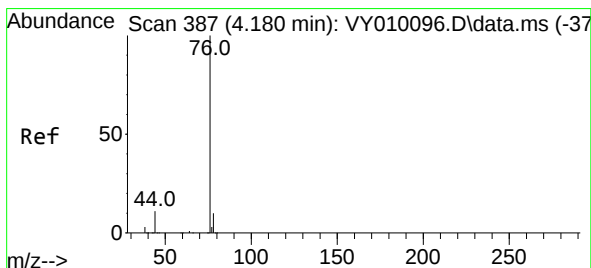
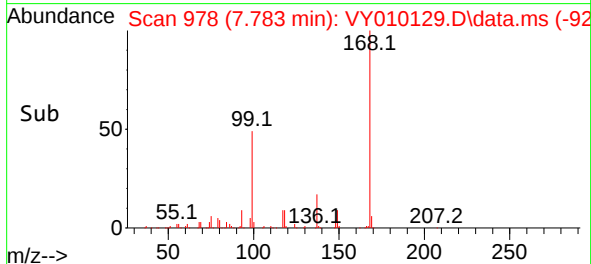
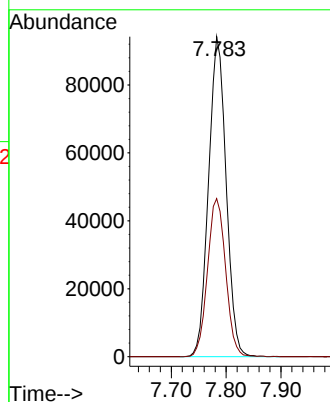
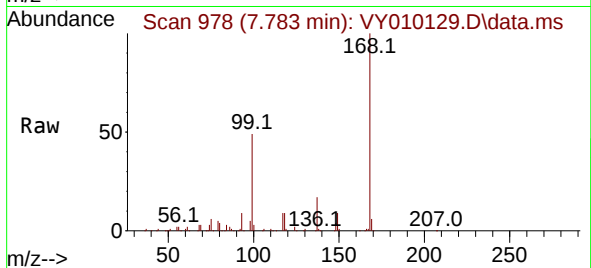




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010129.D
Acq: 20 Aug 2022 02:26

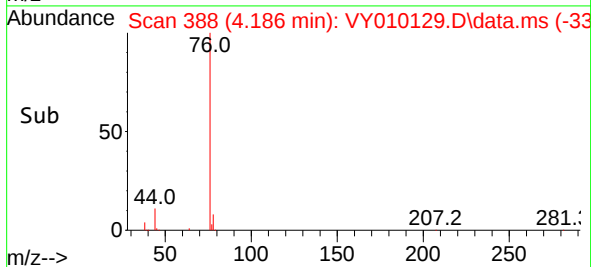
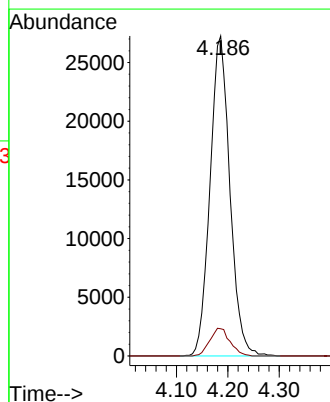
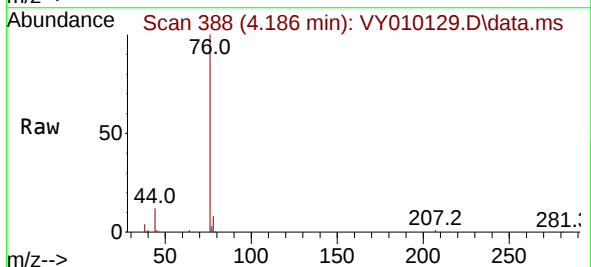
Instrument :
MSVOA_Y
ClientSampleId :
UST-EAST

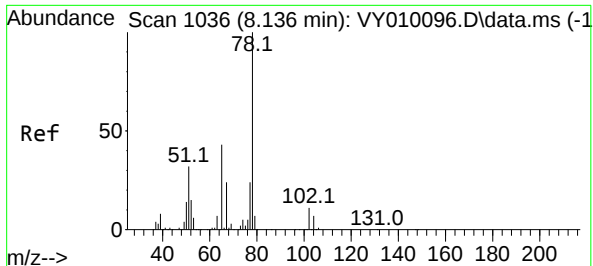
Tgt Ion:168 Resp: 209073
Ion Ratio Lower Upper
168 100
99 49.4 40.7 61.1



#17
Carbon Disulfide
Concen: 11.944 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010129.D
Acq: 20 Aug 2022 02:26

Tgt Ion: 76 Resp: 73054
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5





#33

1,2-Dichloroethane-d4

Concen: 61.685 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010129.D

Acq: 20 Aug 2022 02:26

Instrument :

MSVOA_Y

ClientSampleId :

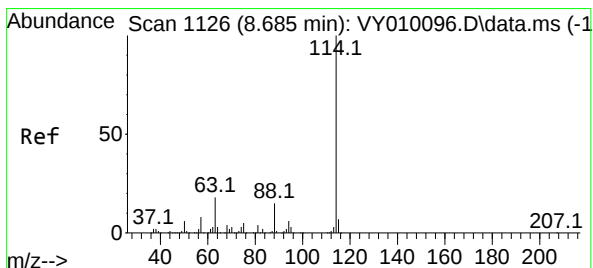
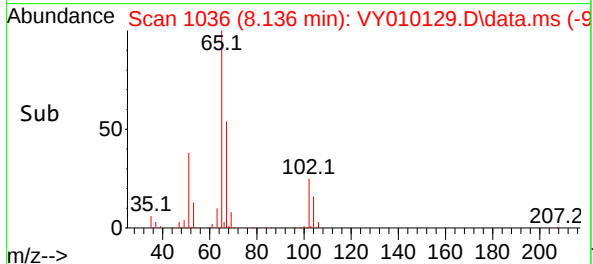
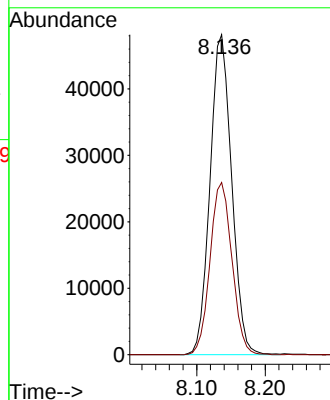
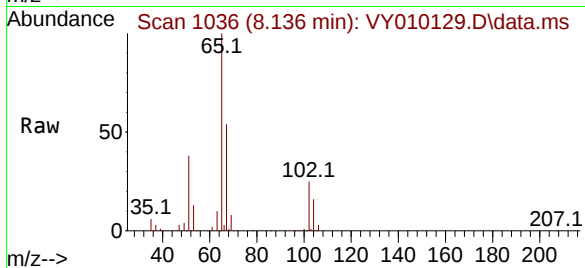
UST-EAST

Tgt Ion: 65 Resp: 105635

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: VY010129.D

Acq: 20 Aug 2022 02:26

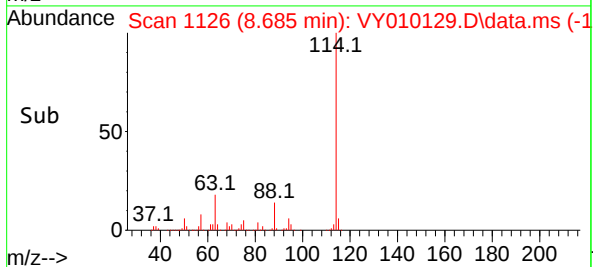
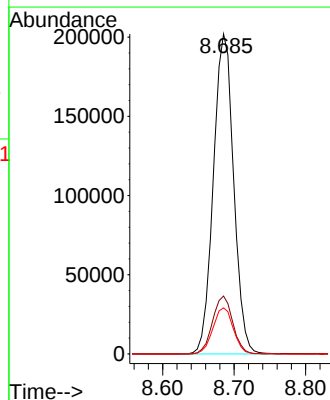
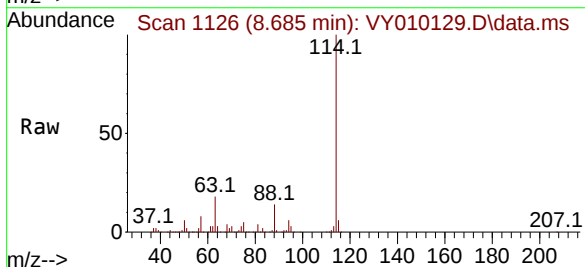
Tgt Ion: 114 Resp: 397422

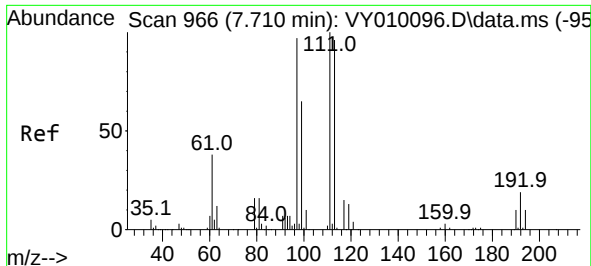
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.4 0.0 29.6

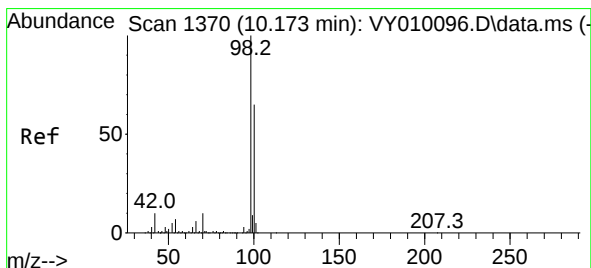
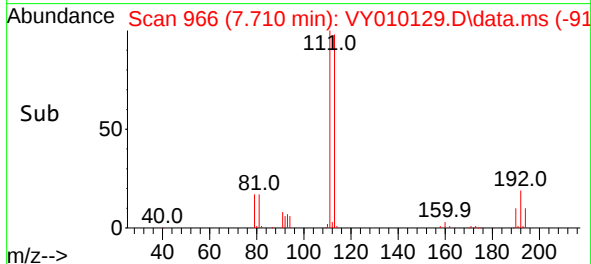
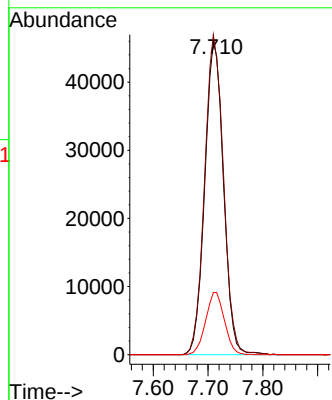
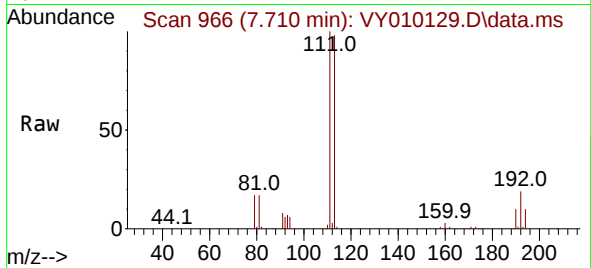




#35
Dibromofluoromethane
Concen: 48.579 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010129.D
Acq: 20 Aug 2022 02:26

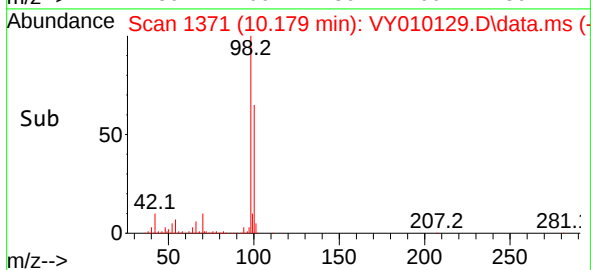
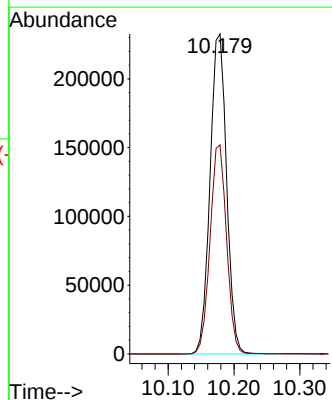
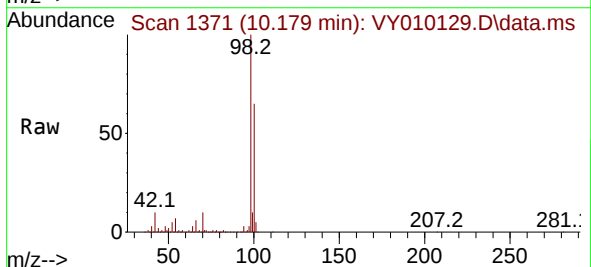
Instrument :
MSVOA_Y
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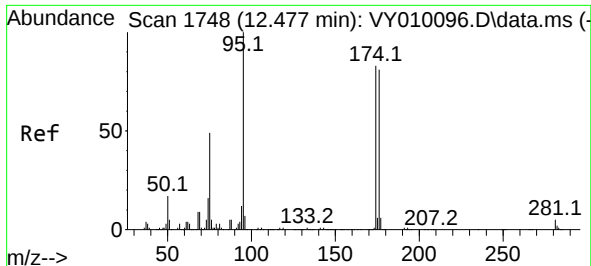
Tgt Ion:113 Resp: 108787
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.0 16.3 24.5



#50
Toluene-d8
Concen: 48.567 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010129.D
Acq: 20 Aug 2022 02:26

Tgt Ion: 98 Resp: 407537
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

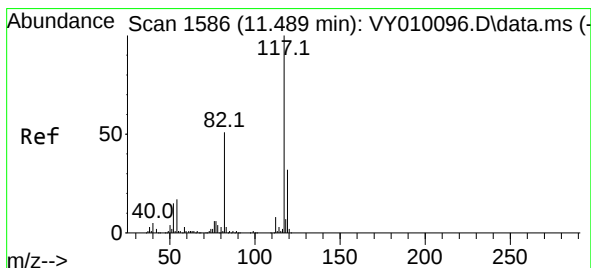
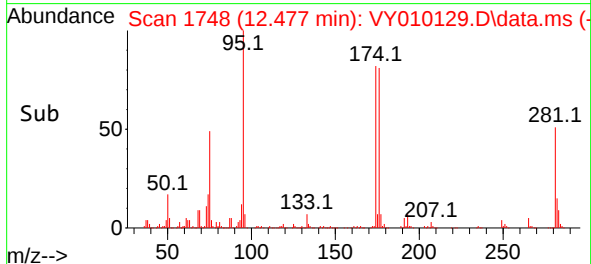
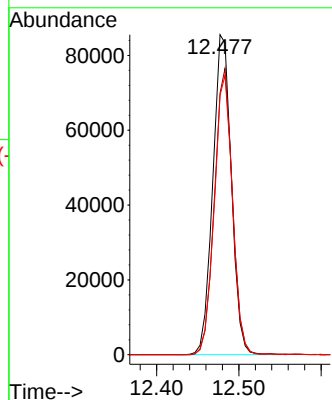
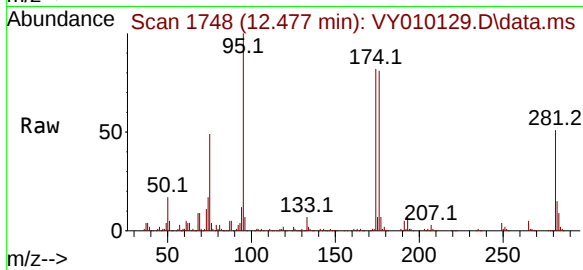




#62
4-Bromofluorobenzene
Concen: 44.739 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010129.D
Acq: 20 Aug 2022 02:26

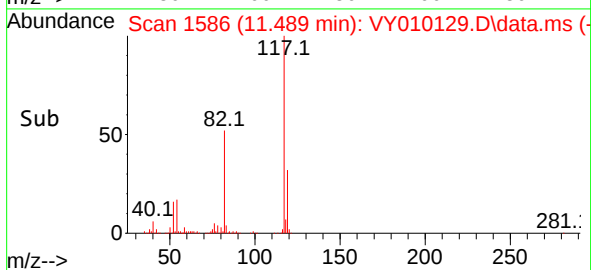
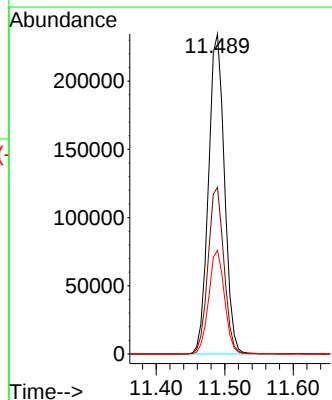
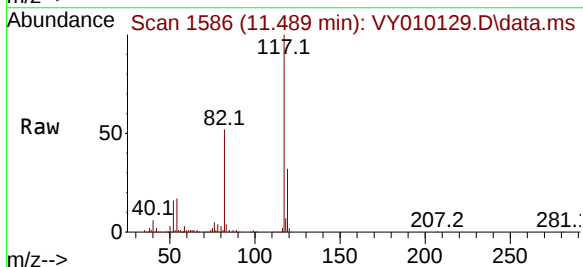
Instrument :
MSVOA_Y
ClientSampleId :
UST-EAST

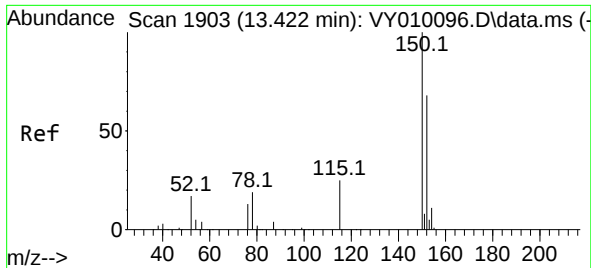
Tgt Ion: 95 Resp: 134133
Ion Ratio Lower Upper
95 100
174 86.8 0.0 173.8
176 85.5 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010129.D
Acq: 20 Aug 2022 02:26

Tgt Ion: 117 Resp: 380710
Ion Ratio Lower Upper
117 100
82 52.1 40.6 61.0
119 32.4 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: VY010129.D

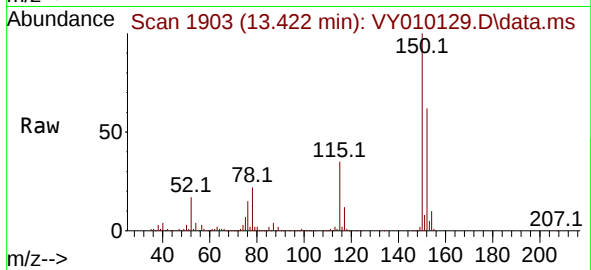
Acq: 20 Aug 2022 02:26

Instrument :

MSVOA_Y

ClientSampleId :

UST-EAST



Tgt Ion:152 Resp: 175527

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 156.5 0.0 346.2

