

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010131.D
 Acq On : 20 Aug 2022 03:12
 Operator : KP/MD
 Sample : N4142-05
 Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-BOT

Quant Time: Aug 22 02:52:26 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)

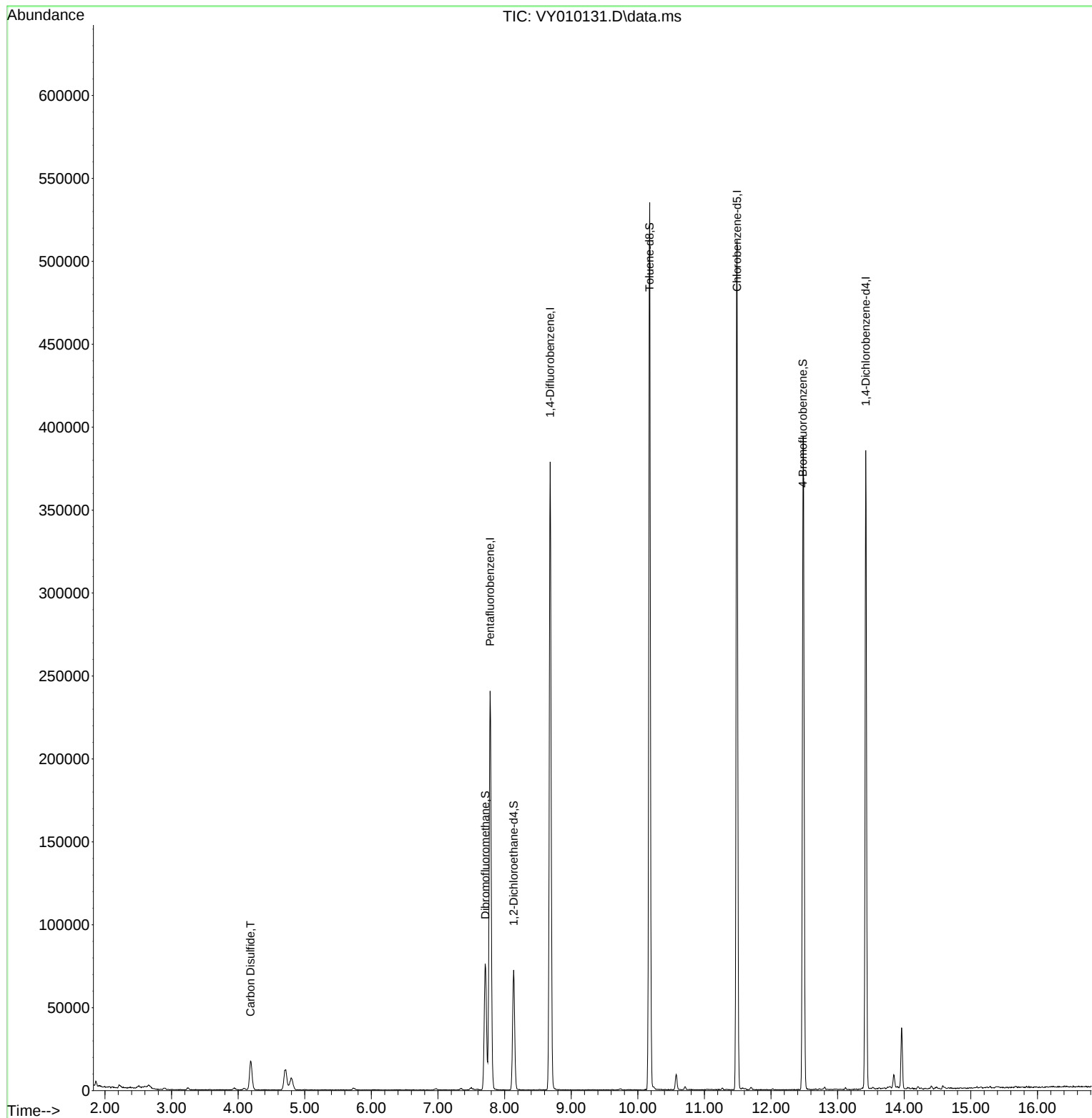
Internal Standards						
1) Pentafluorobenzene	7.783	168	194510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	333866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55082	34.573	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.140%
35) Dibromofluoromethane	7.710	113	56299	29.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.860%
50) Toluene-d8	10.179	98	353115	50.092	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.477	95	82891	32.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.820%
Target Compounds						
17) Carbon Disulfide	4.186	76	37169	6.532	ug/l	Qvalue 99

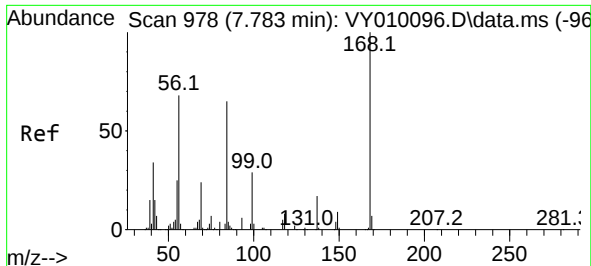
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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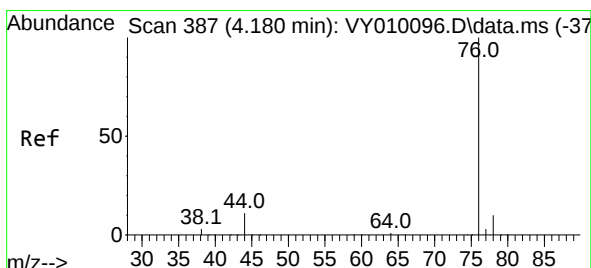
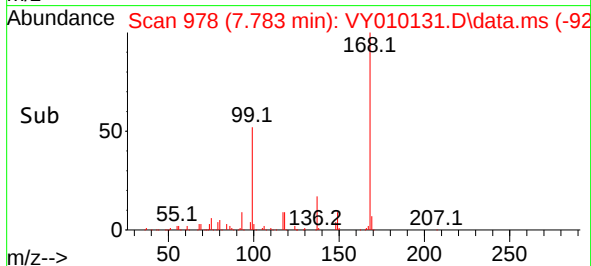
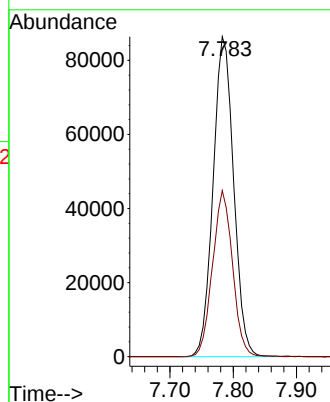
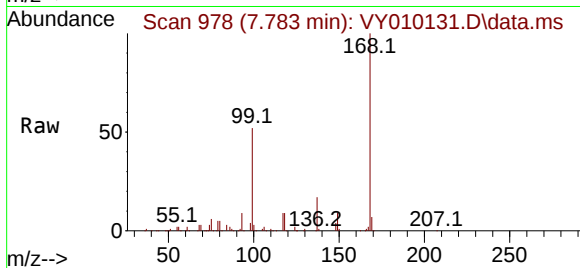




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010131.D
Acq: 20 Aug 2022 03:12

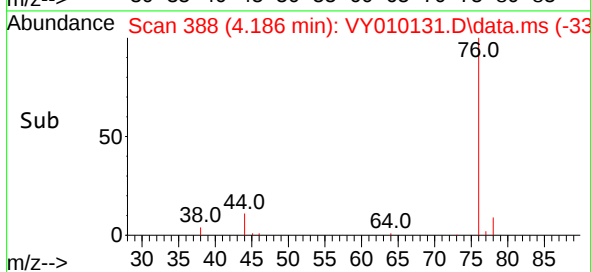
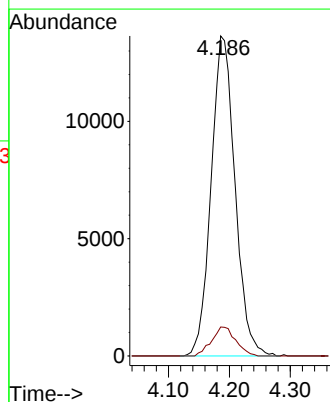
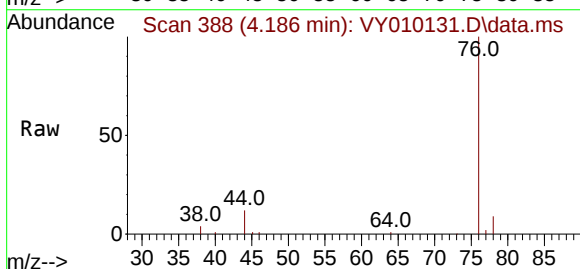
Instrument :
MSVOA_Y
ClientSampleId :
UST-BOT

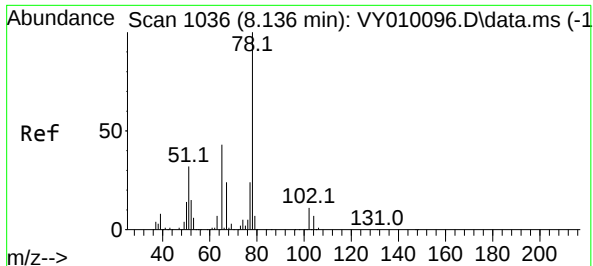
Tgt Ion:168 Resp: 194510
Ion Ratio Lower Upper
168 100
99 51.9 40.7 61.1



#17
Carbon Disulfide
Concen: 6.532 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010131.D
Acq: 20 Aug 2022 03:12

Tgt Ion: 76 Resp: 37169
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5





#33

1,2-Dichloroethane-d4

Concen: 34.573 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010131.D

Acq: 20 Aug 2022 03:12

Instrument :

MSVOA_Y

ClientSampleId :

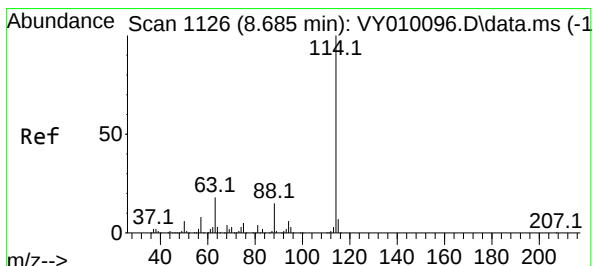
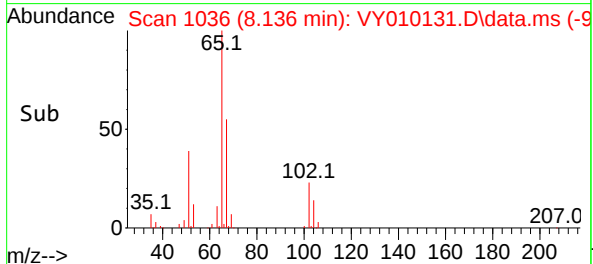
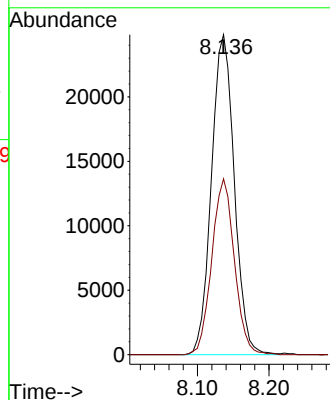
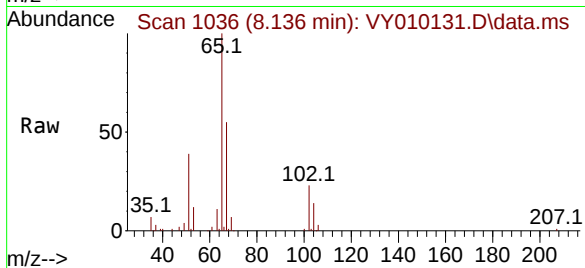
UST-BOT

Tgt Ion: 65 Resp: 55082

Ion Ratio Lower Upper

65 100

67 54.4 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: VY010131.D

Acq: 20 Aug 2022 03:12

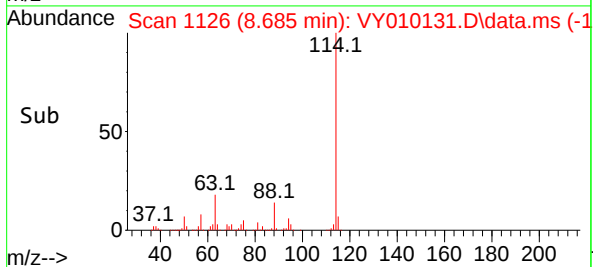
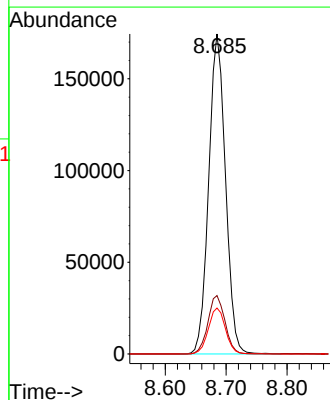
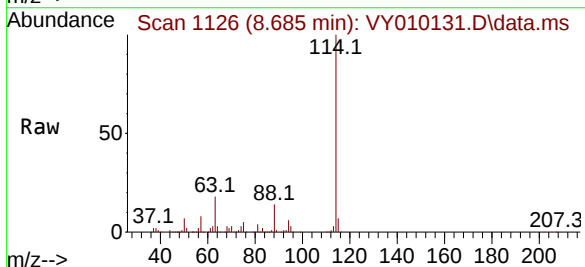
Tgt Ion: 114 Resp: 333866

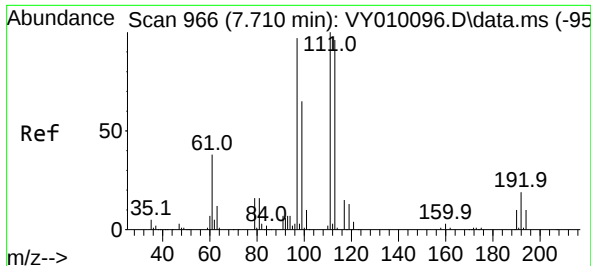
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

88 14.3 0.0 29.6

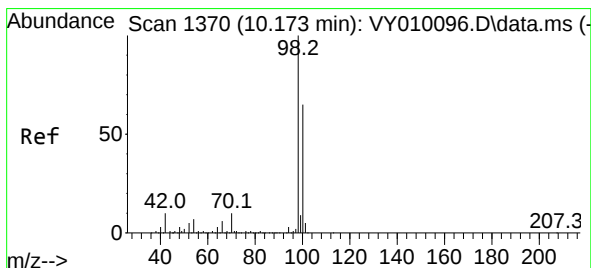
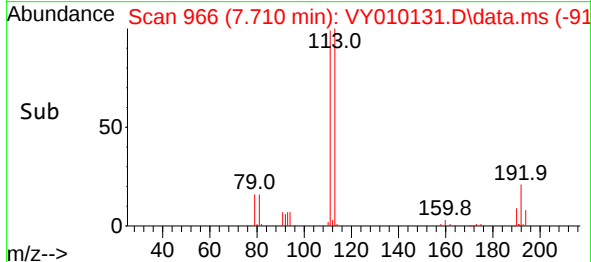
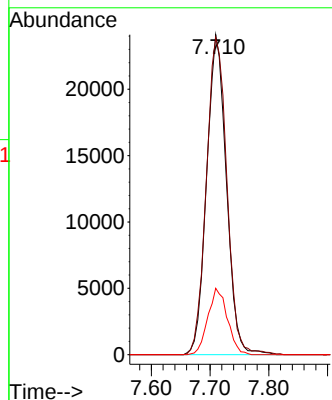
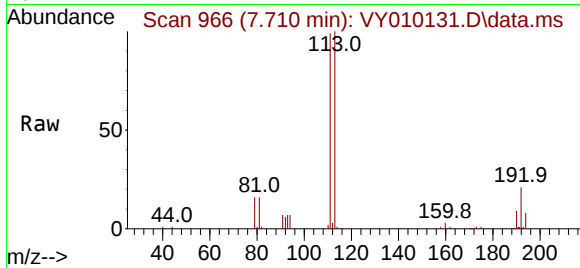




#35
Dibromofluoromethane
Concen: 29.926 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010131.D
Acq: 20 Aug 2022 03:12

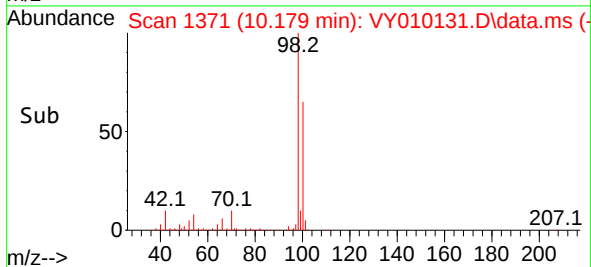
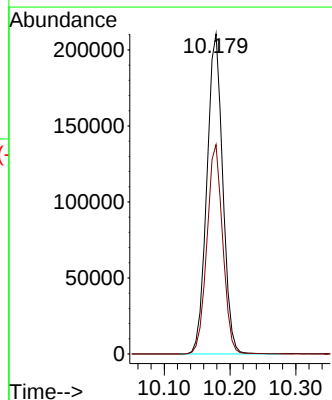
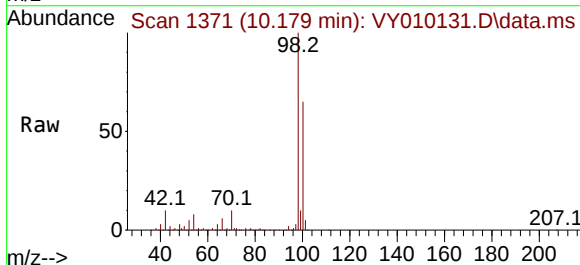
Instrument :
MSVOA_Y
ClientSampleId :
UST-BOT

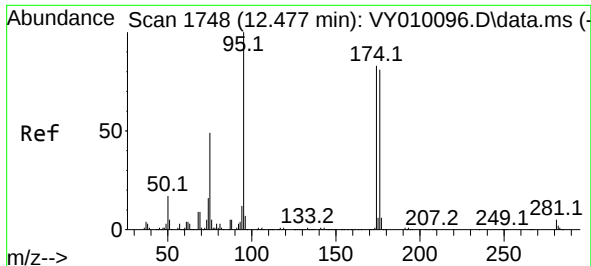
Tgt Ion:113 Resp: 56299
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.5 16.3 24.5



#50
Toluene-d8
Concen: 50.092 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010131.D
Acq: 20 Aug 2022 03:12

Tgt Ion: 98 Resp: 353115
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

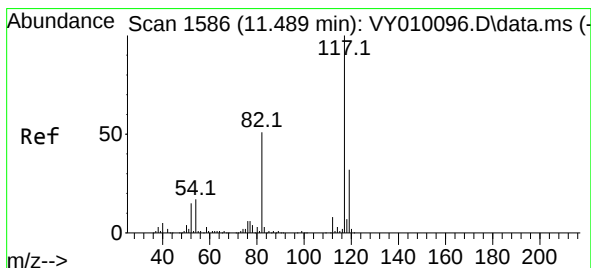
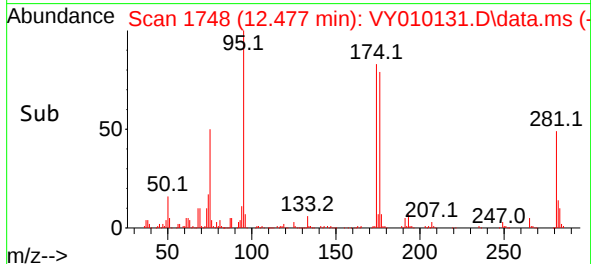
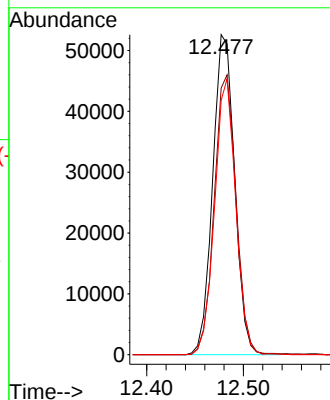
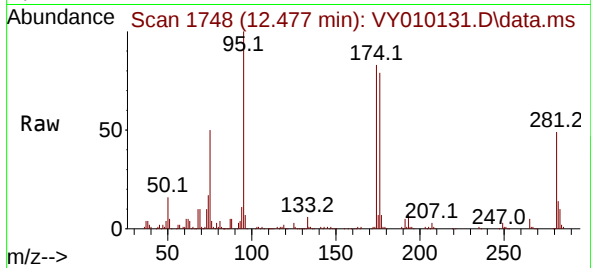




#62
4-Bromofluorobenzene
Concen: 32.911 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010131.D
Acq: 20 Aug 2022 03:12

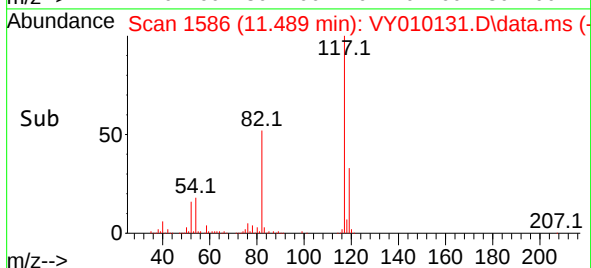
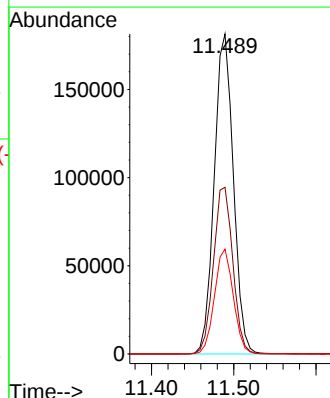
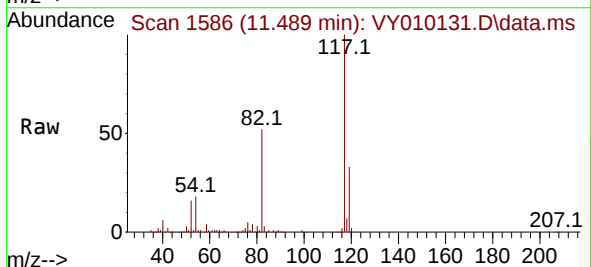
Instrument :
MSVOA_Y
ClientSampleId :
UST-BOT

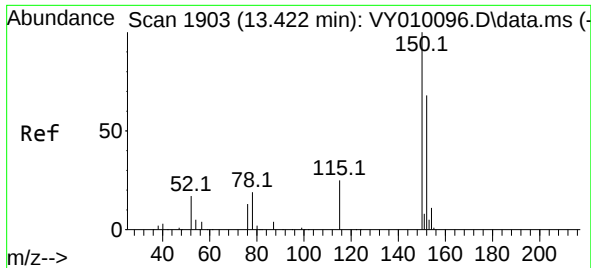
Tgt Ion: 95 Resp: 82891
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.8
176 83.0 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010131.D
Acq: 20 Aug 2022 03:12

Tgt Ion: 117 Resp: 293617
Ion Ratio Lower Upper
117 100
82 52.1 40.6 61.0
119 32.8 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: VY010131.D
 Acq: 20 Aug 2022 03:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-BOT

Tgt Ion:152 Resp: 103911
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.1 84.2
 150 159.0 0.0 346.2

