

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009101.D
 Acq On : 25 May 2022 19:37
 Operator : KP/MD
 Sample : N3025-05
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-BOT

Quant Time: May 26 04:32:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

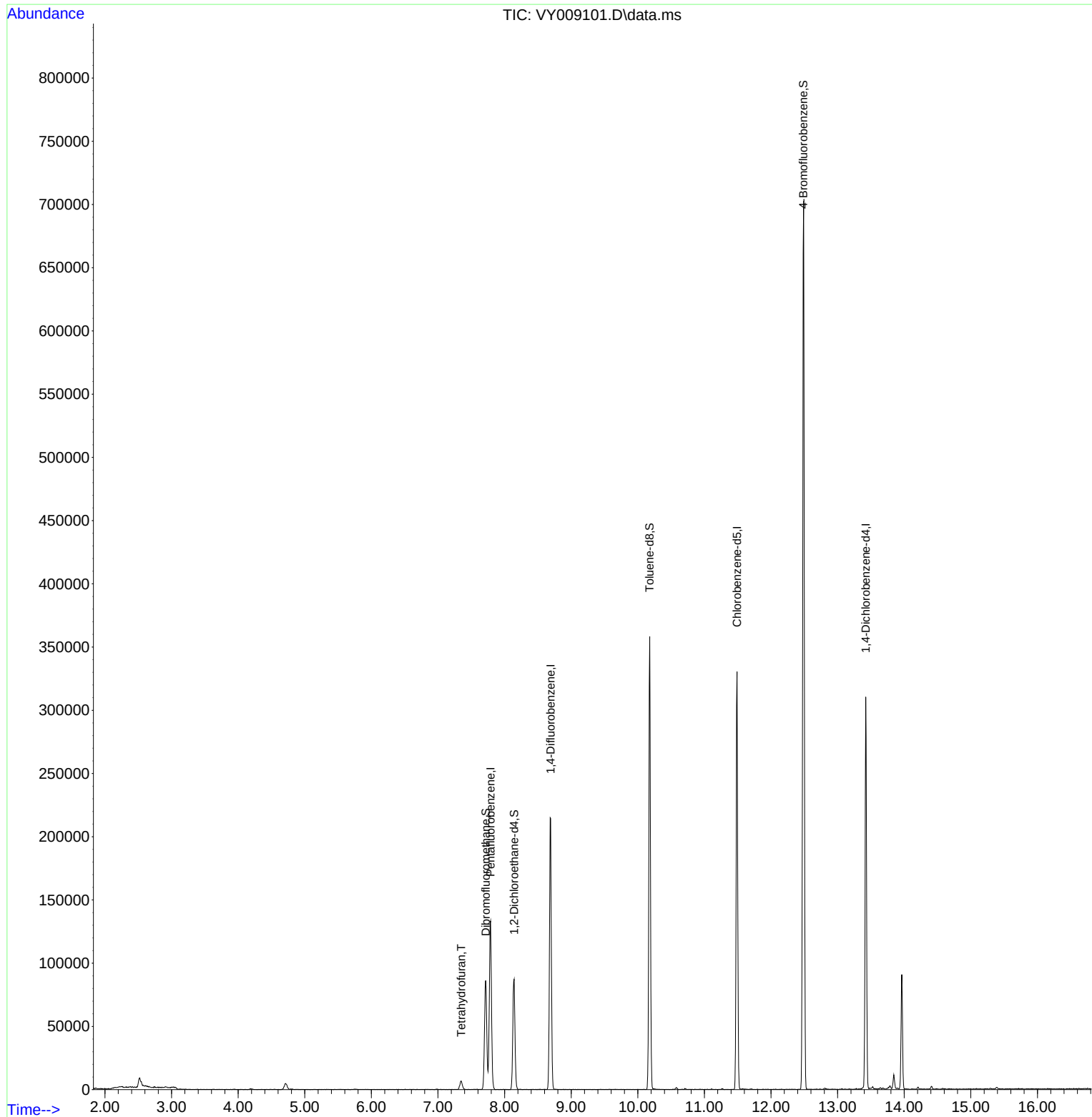
Internal Standards						
1) Pentafluorobenzene	7.789	168	99666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66216	64.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.100%
35) Dibromofluoromethane	7.716	113	59603	53.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.420%
50) Toluene-d8	10.179	98	224296	54.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.560%
62) 4-Bromofluorobenzene	12.483	95	71122	42.667	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.340%
Target Compounds						
29) Tetrahydrofuran	7.350	42	5209	20.108	ug/l	Qvalue 95

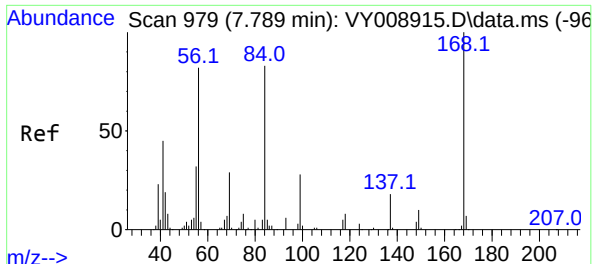
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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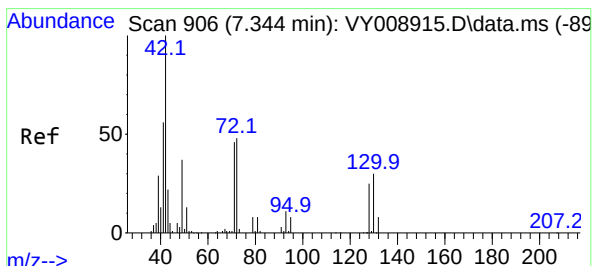
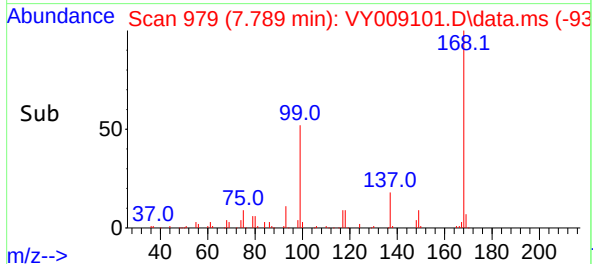
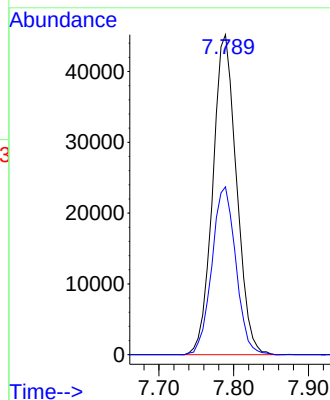
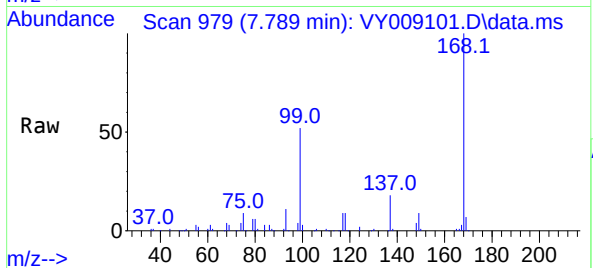




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009101.D
Acq: 25 May 2022 19:37

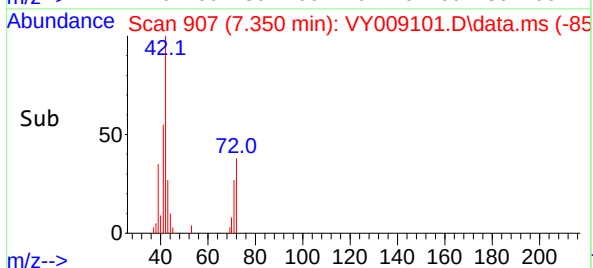
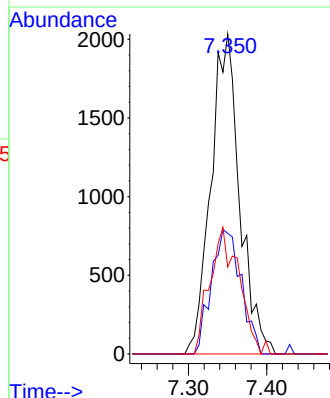
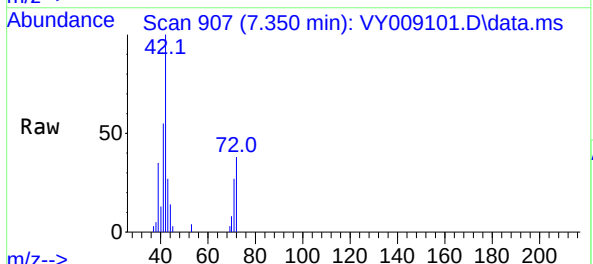
Instrument :
MSVOA_Y
ClientSampleId :
UST-BOT

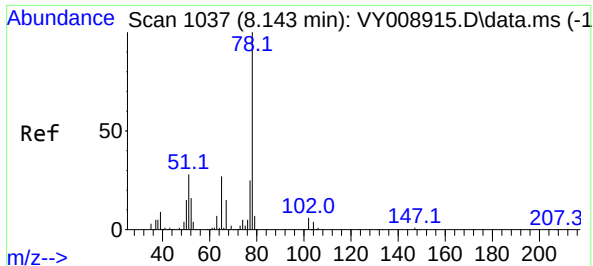
Tgt Ion:168 Resp: 99666
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#29
Tetrahydrofuran
Concen: 20.108 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009101.D
Acq: 25 May 2022 19:37

Tgt Ion: 42 Resp: 5209
Ion Ratio Lower Upper
42 100
72 40.0 30.3 45.5
71 40.3 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 64.554 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY009101.D

Acq: 25 May 2022 19:37

Instrument :

MSVOA_Y

ClientSampleId :

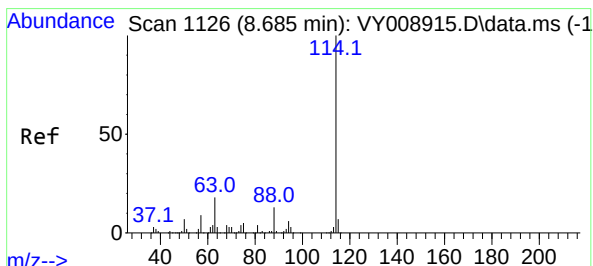
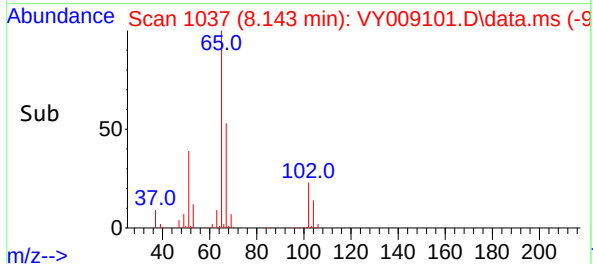
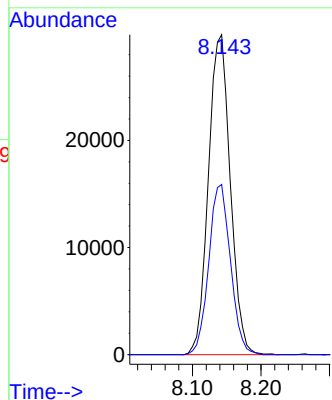
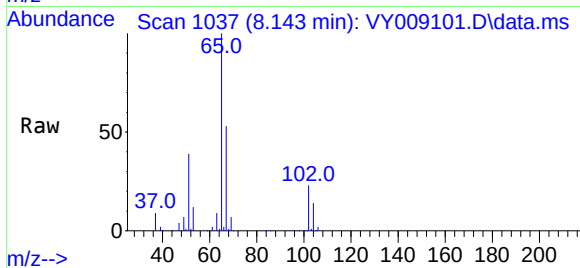
UST-BOT

Tgt Ion: 65 Resp: 66216

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009101.D

Acq: 25 May 2022 19:37

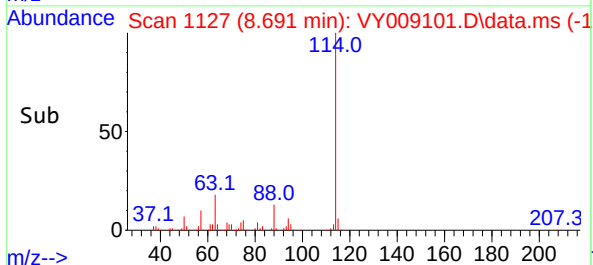
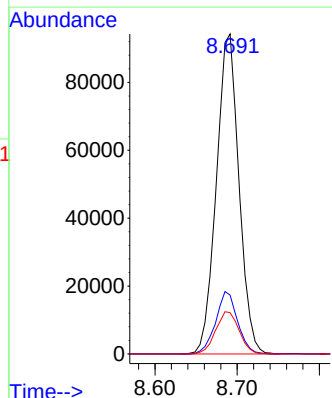
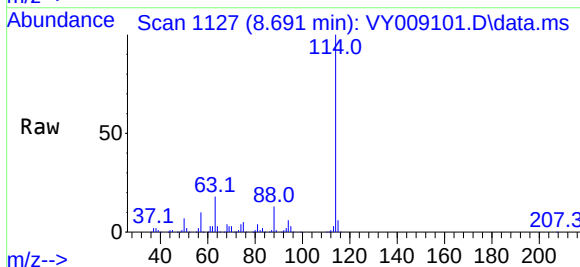
Tgt Ion:114 Resp: 180127

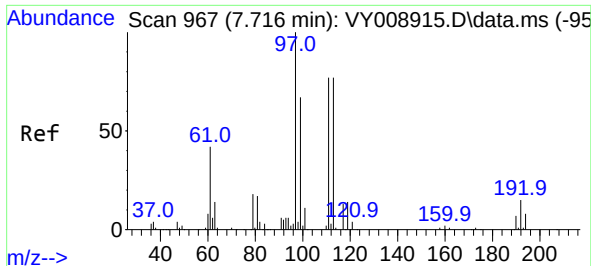
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 12.9 0.0 31.8

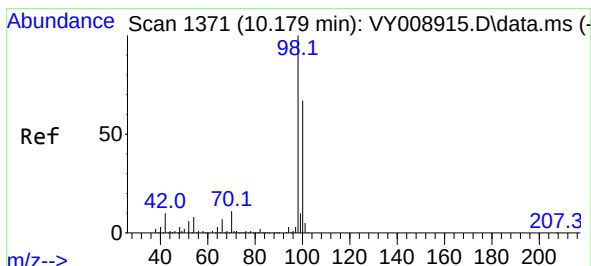
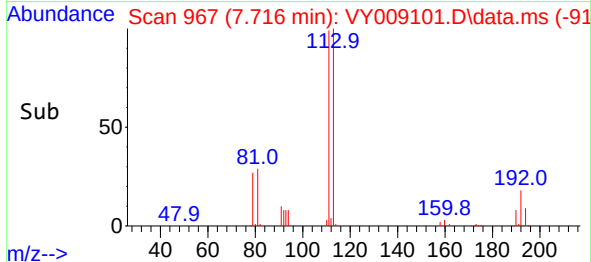
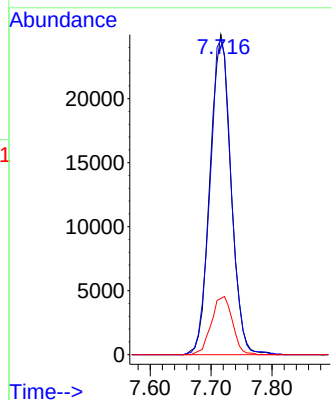
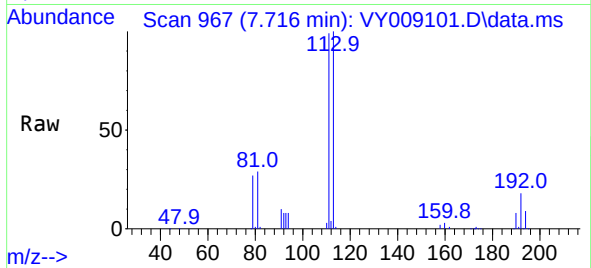




#35
Dibromofluoromethane
Concen: 53.212 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009101.D
Acq: 25 May 2022 19:37

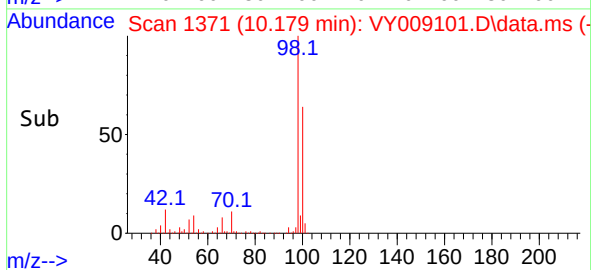
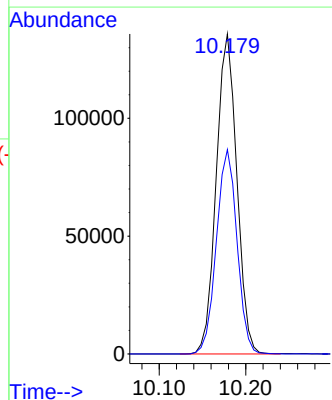
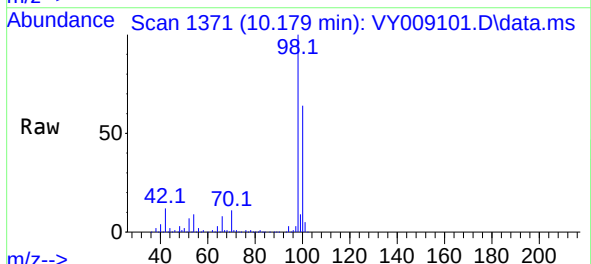
Instrument :
MSVOA_Y
ClientSampleId :
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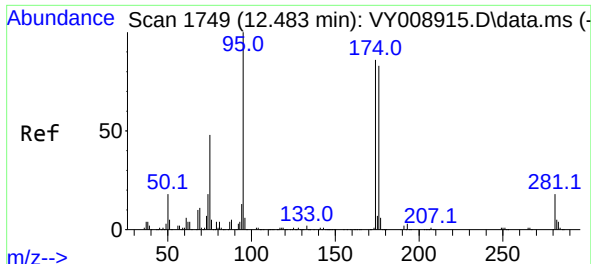
Tgt Ion:113 Resp: 59603
Ion Ratio Lower Upper
113 100
111 100.0 82.6 124.0
192 18.4 17.6 26.4



#50
Toluene-d8
Concen: 54.280 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009101.D
Acq: 25 May 2022 19:37

Tgt Ion: 98 Resp: 224296
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

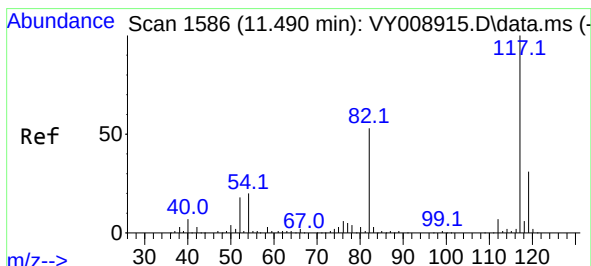
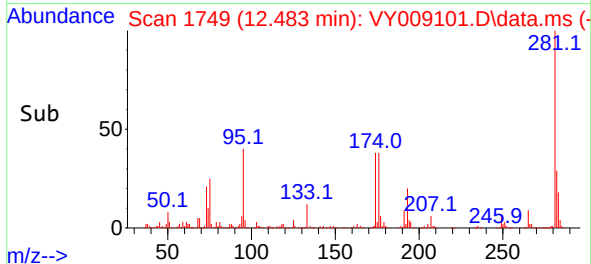
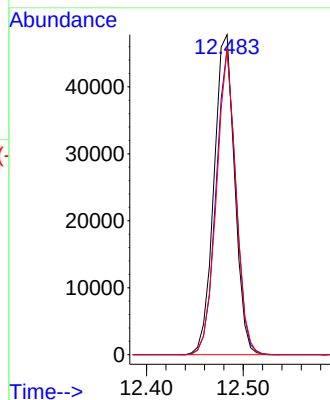
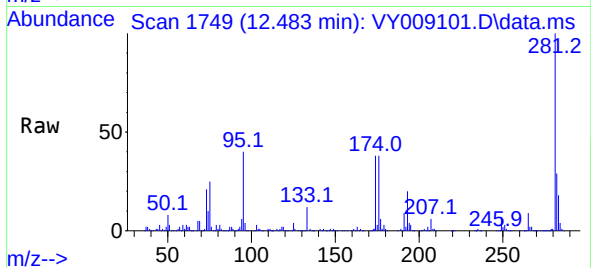




#62
4-Bromofluorobenzene
Concen: 42.667 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009101.D
Acq: 25 May 2022 19:37

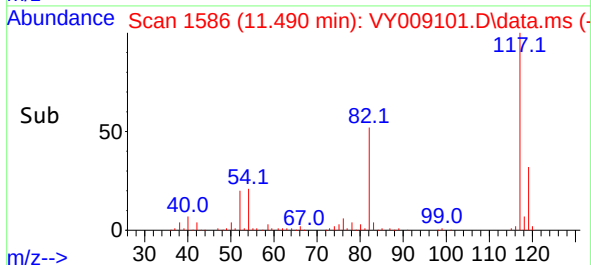
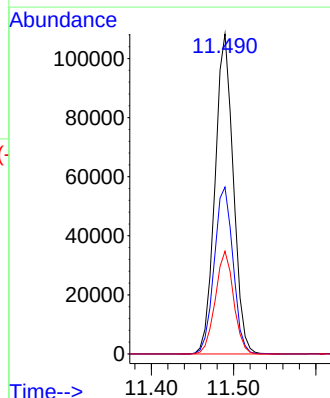
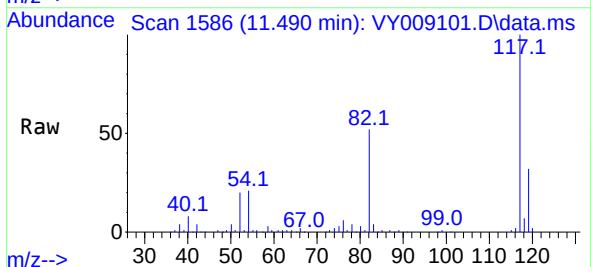
Instrument :
MSVOA_Y
ClientSampleId :
UST-BOT

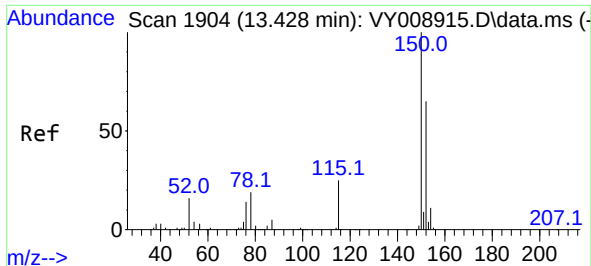
Tgt Ion: 95 Resp: 71122
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 89.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009101.D
Acq: 25 May 2022 19:37

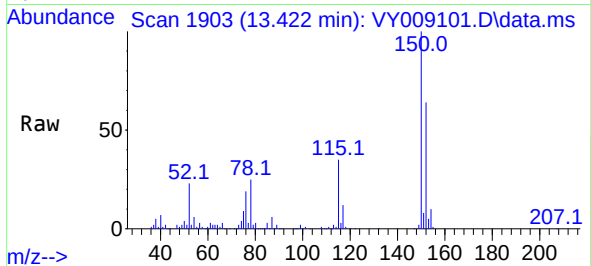
Tgt Ion: 117 Resp: 167356
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009101.D
 Acq: 25 May 2022 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-BOT



Tgt Ion:152 Resp: 72170
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 157.6 0.0 347.6

