

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012178.D
 Acq On : 12 Jan 2023 15:32
 Operator : KP/MD
 Sample : 01135-04
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Jan 13 00:38:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

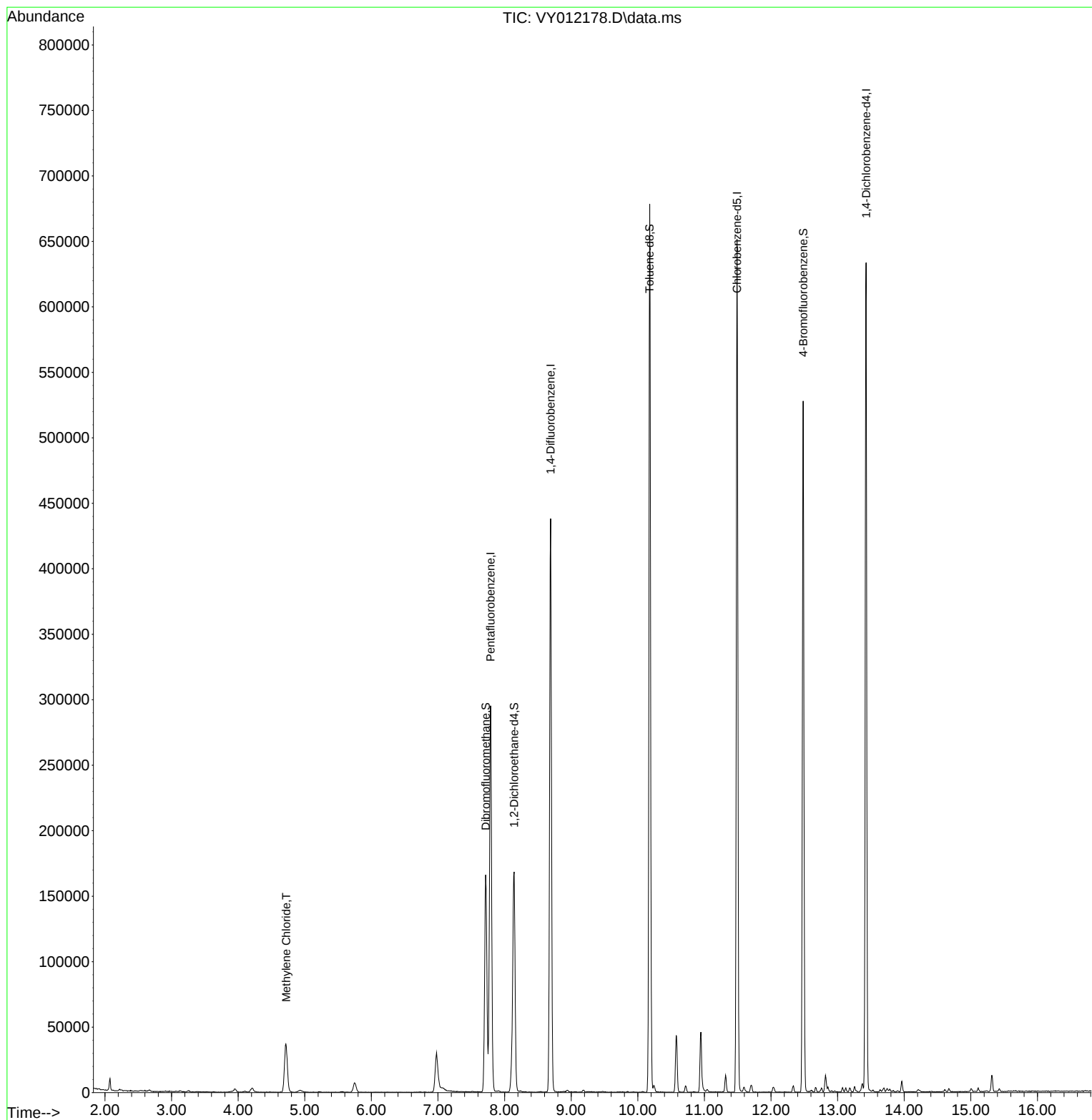
Internal Standards						
1) Pentafluorobenzene	7.789	168	231613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	384716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129963	49.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.880%
35) Dibromofluoromethane	7.716	113	116213	45.958	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.920%
50) Toluene-d8	10.179	98	451538	45.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.483	95	155383	44.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.080%
Target Compounds						
20) Methylene Chloride	4.722	84	30119	6.488	ug/l	Qvalue # 86

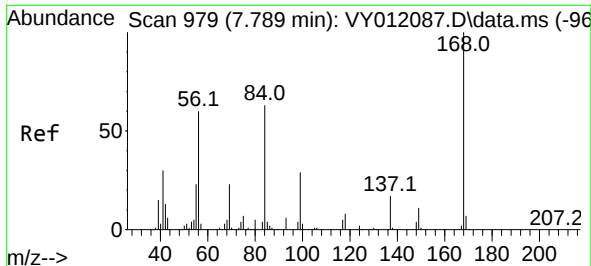
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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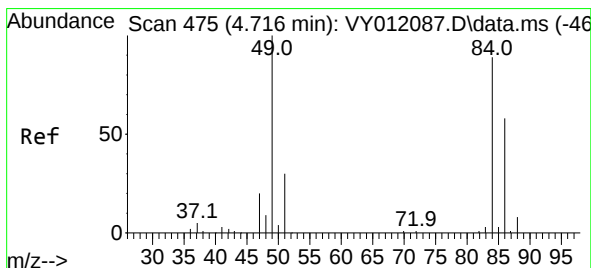
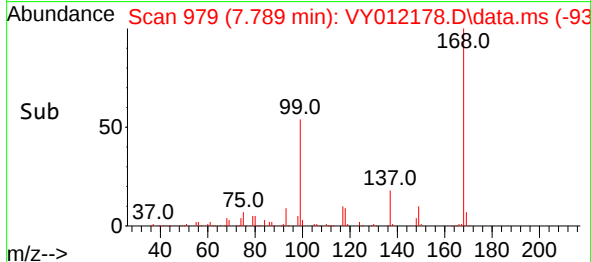
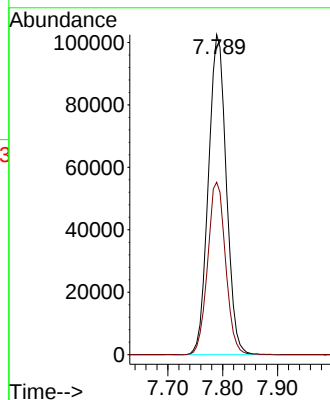
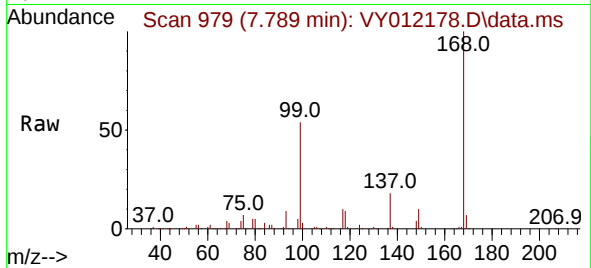




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012178.D
Acq: 12 Jan 2023 15:32

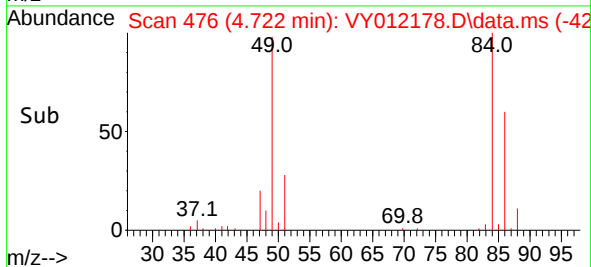
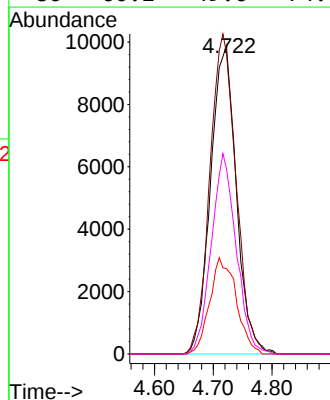
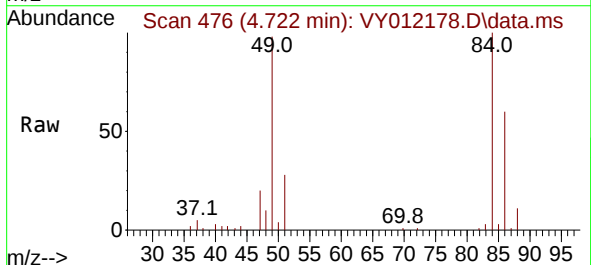
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

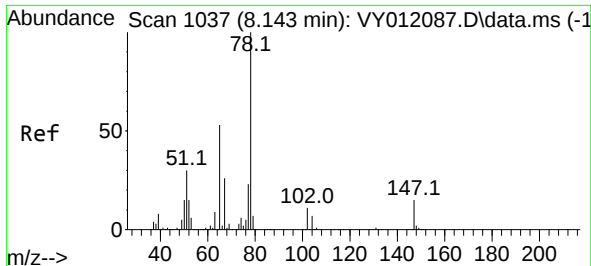
Tgt Ion:168 Resp: 231613
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#20
Methylene Chloride
Concen: 6.488 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012178.D
Acq: 12 Jan 2023 15:32

Tgt Ion: 84 Resp: 30119
Ion Ratio Lower Upper
84 100
49 97.8 95.4 143.2
51 27.7 29.9 44.9#
86 60.2 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 49.937 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012178.D

Acq: 12 Jan 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

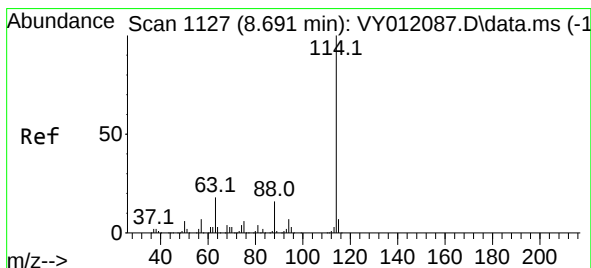
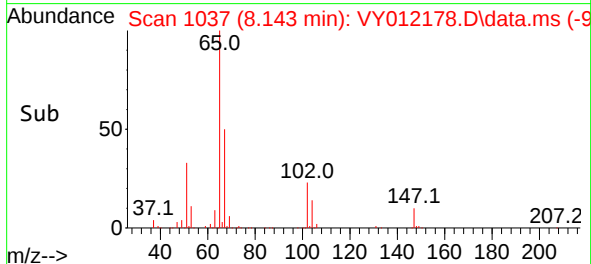
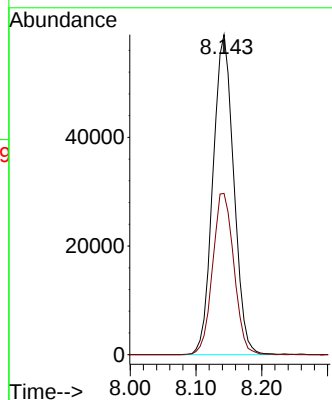
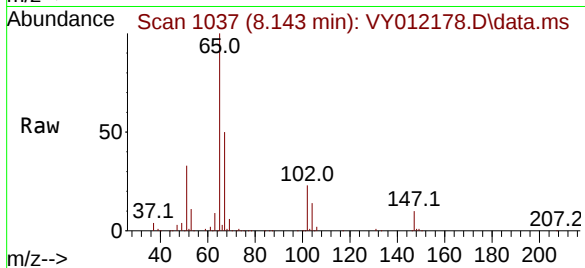
WC-3

Tgt Ion: 65 Resp: 129963

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012178.D

Acq: 12 Jan 2023 15:32

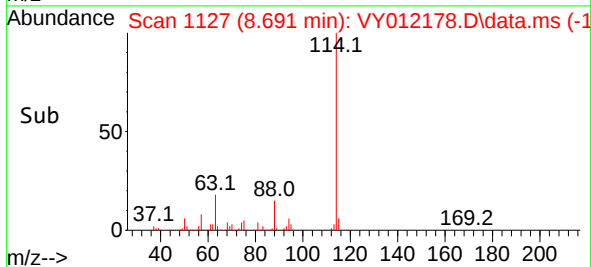
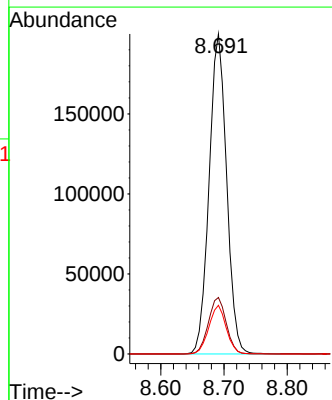
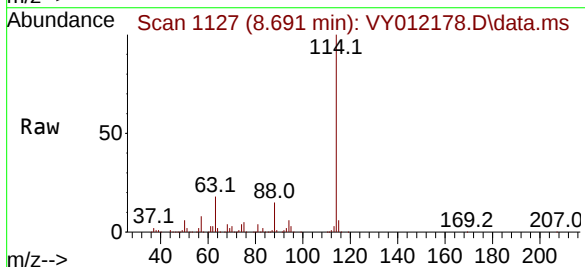
Tgt Ion:114 Resp: 384716

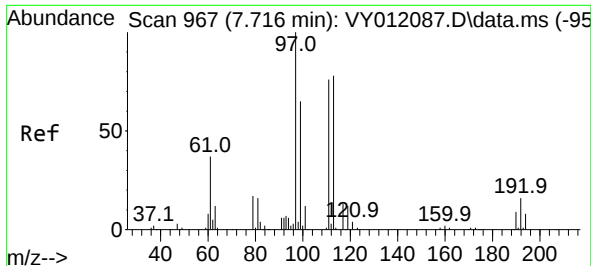
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.2 0.0 32.2

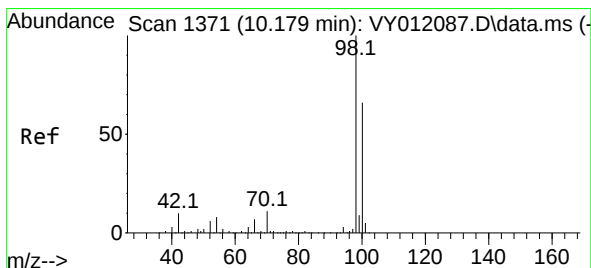
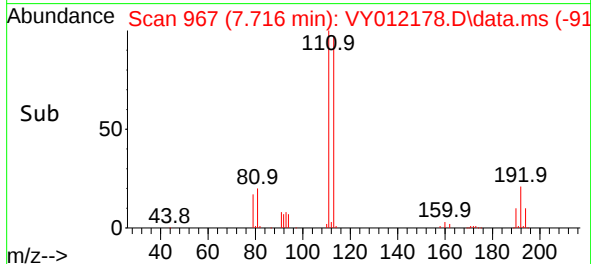
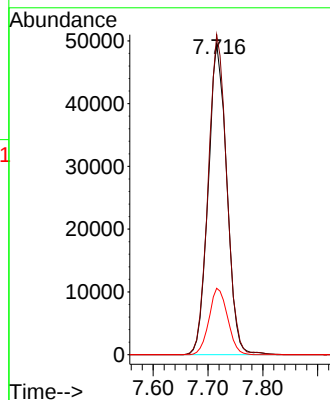
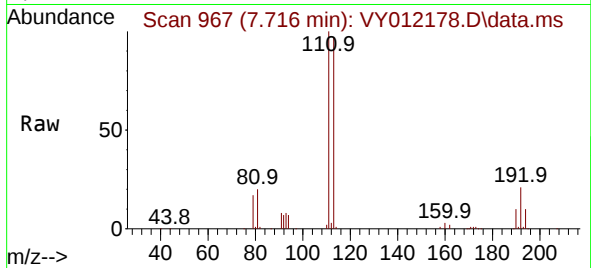




#35
 Dibromofluoromethane
 Concen: 45.958 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY012178.D
 Acq: 12 Jan 2023 15:32

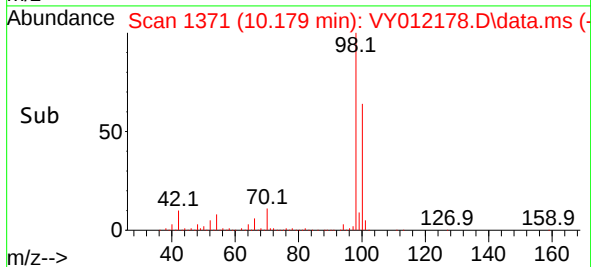
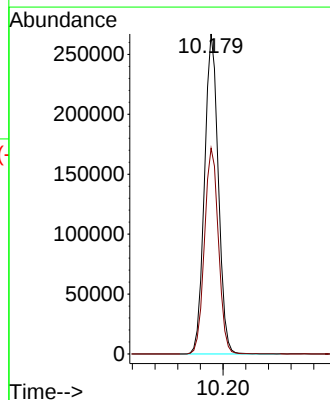
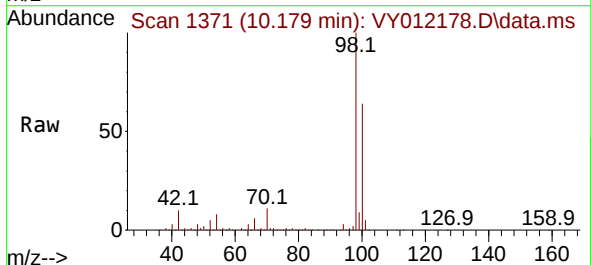
Instrument :
 MSVOA_Y
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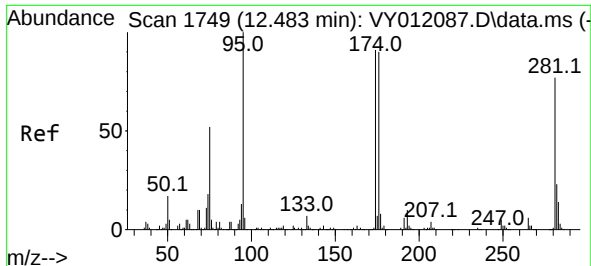
Tgt Ion:113 Resp: 116213
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.4
 192 21.3 16.0 24.0



#50
 Toluene-d8
 Concen: 45.241 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012178.D
 Acq: 12 Jan 2023 15:32

Tgt Ion: 98 Resp: 451538
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.9 77.9

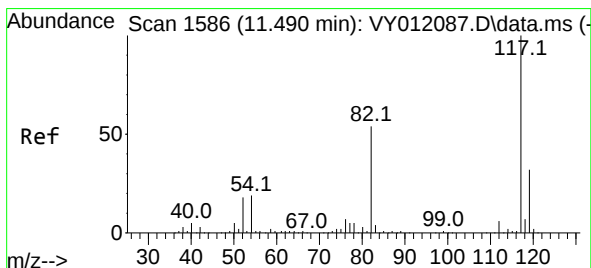
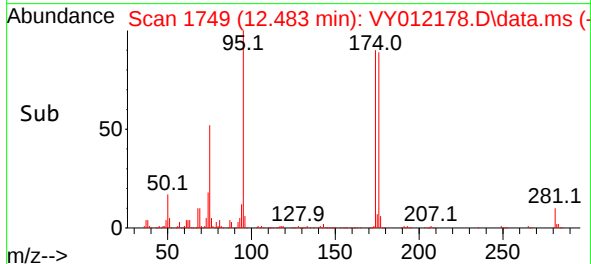
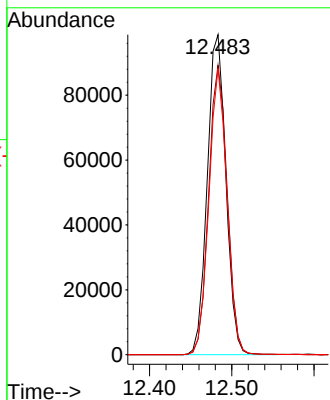
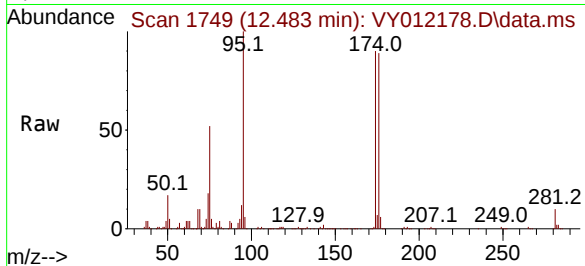




#62
4-Bromofluorobenzene
Concen: 44.539 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012178.D
Acq: 12 Jan 2023 15:32

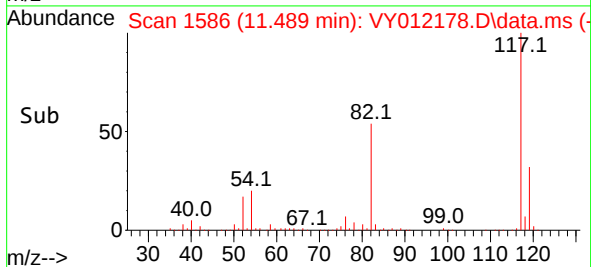
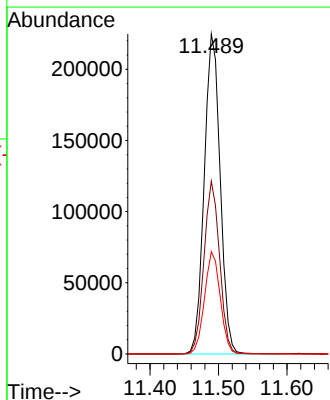
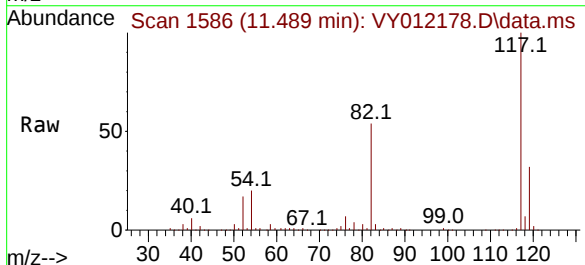
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

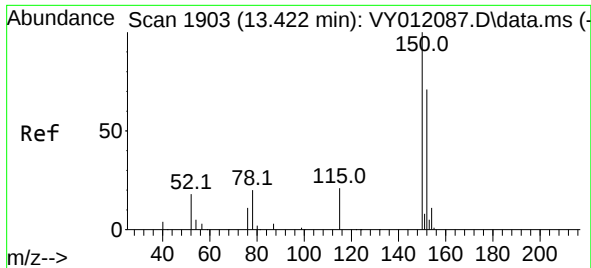
Tgt Ion: 95 Resp: 155383
Ion Ratio Lower Upper
95 100
174 90.2 0.0 172.0
176 87.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012178.D
Acq: 12 Jan 2023 15:32

Tgt Ion: 117 Resp: 364182
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012178.D

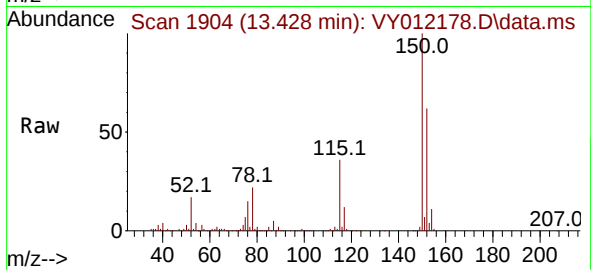
Acq: 12 Jan 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

WC-3



Tgt Ion:152 Resp: 171512

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 157.3 0.0 342.6

