

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010164.D
 Acq On : 23 Aug 2022 14:48
 Operator : KP/MD
 Sample : N4205-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: Aug 24 04:32:57 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)

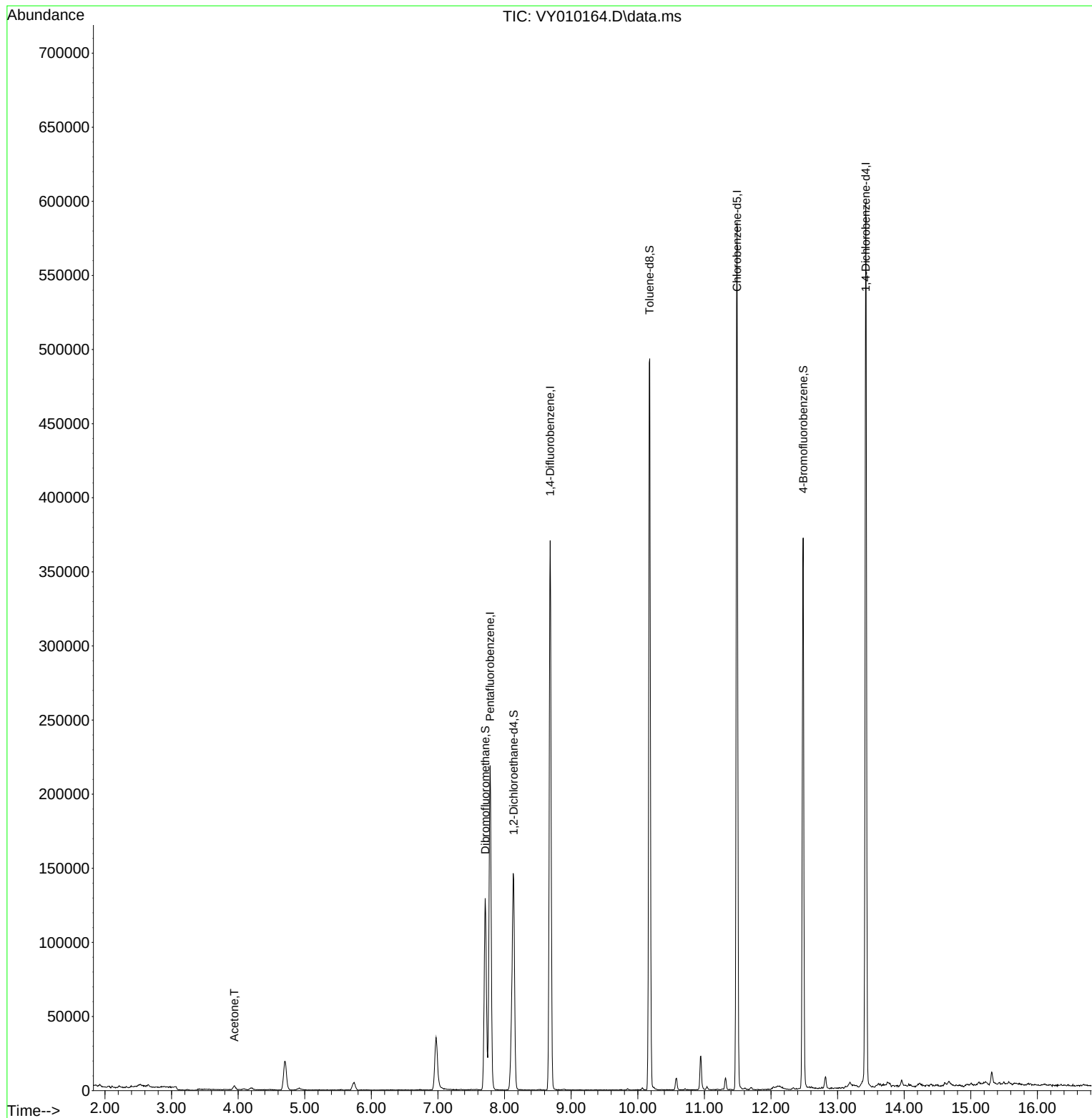
Internal Standards						
1) Pentafluorobenzene	7.783	168	176449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	330172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95891	66.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.700%
35) Dibromofluoromethane	7.710	113	90937	48.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.179	98	335109	48.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.483	95	114899	46.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
16) Acetone	3.942	43	4685	12.952	ug/l	Qvalue 92

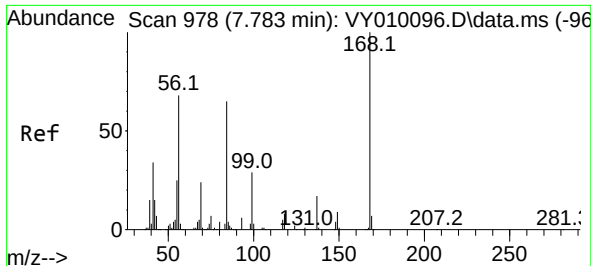
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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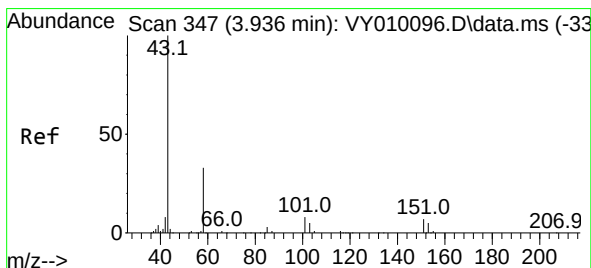
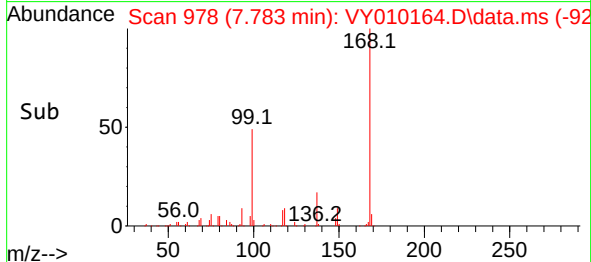
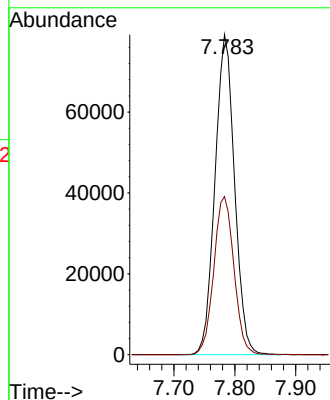
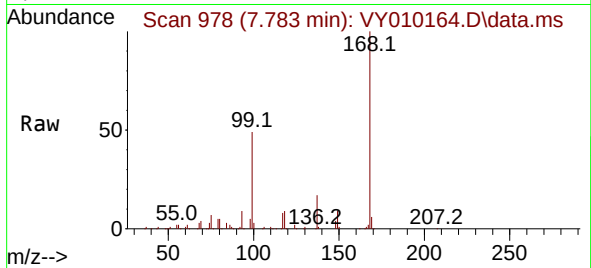




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

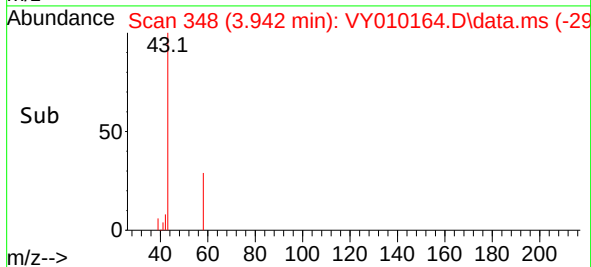
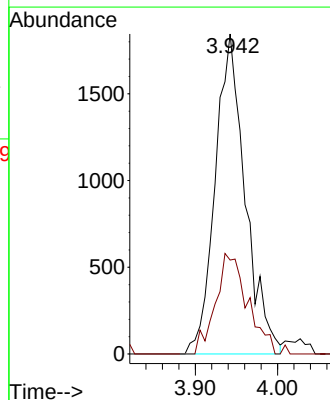
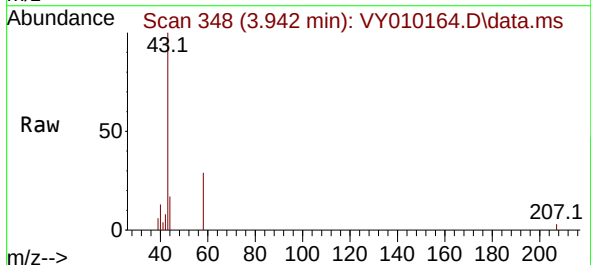
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

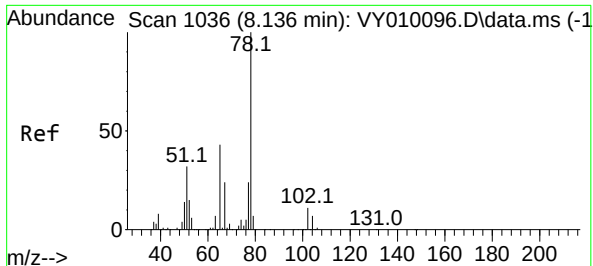
Tgt Ion:168 Resp: 176449
Ion Ratio Lower Upper
168 100
99 49.4 40.7 61.1



#16
Acetone
Concen: 12.952 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 43 Resp: 4685
Ion Ratio Lower Upper
43 100
58 29.4 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 66.348 ug/l

RT: 8.137 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY010164.D

Acq: 23 Aug 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

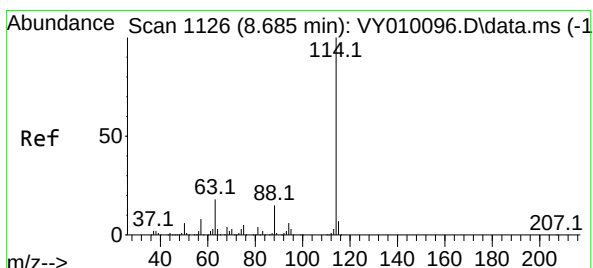
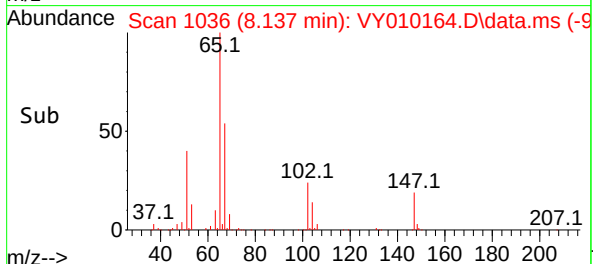
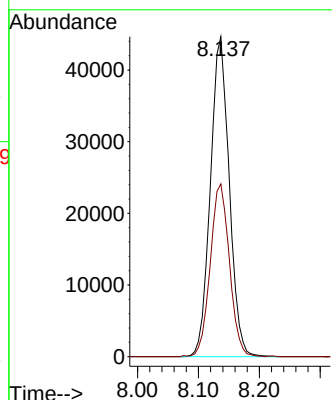
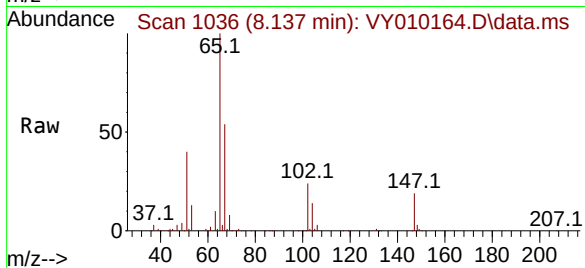
SS-1

Tgt Ion: 65 Resp: 95891

Ion Ratio Lower Upper

65 100

67 55.1 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: VY010164.D

Acq: 23 Aug 2022 14:48

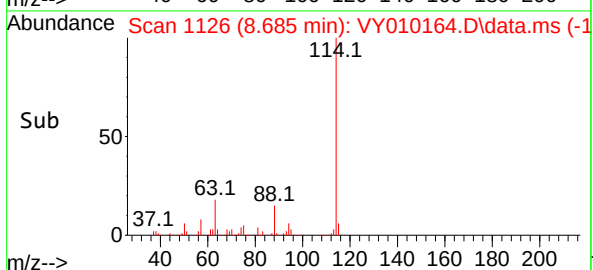
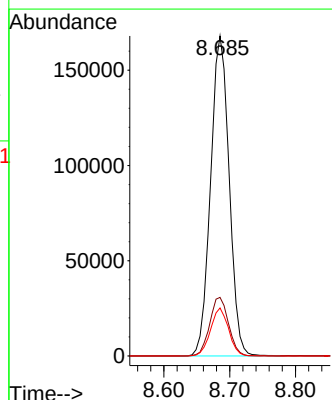
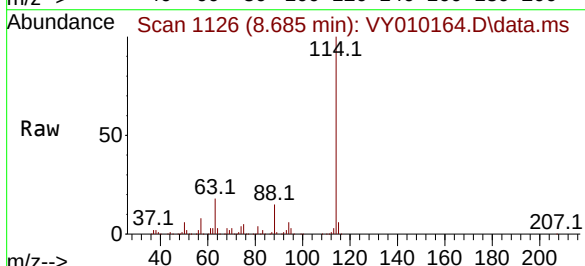
Tgt Ion: 114 Resp: 330172

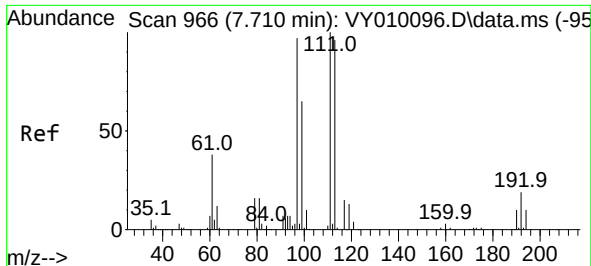
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 15.0 0.0 29.6

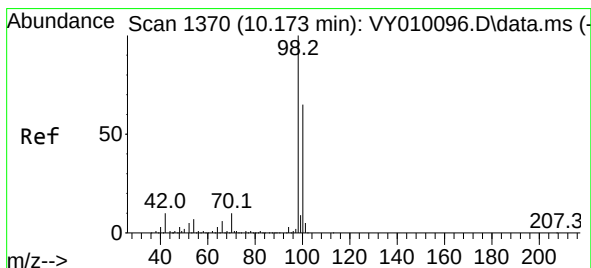
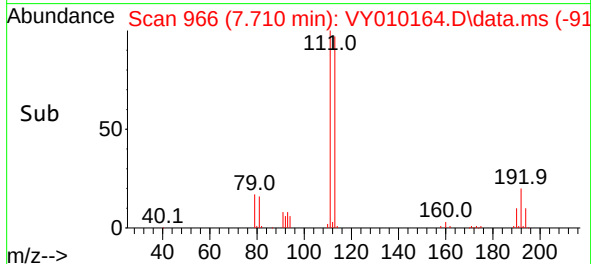
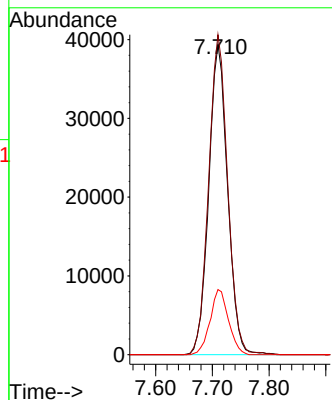
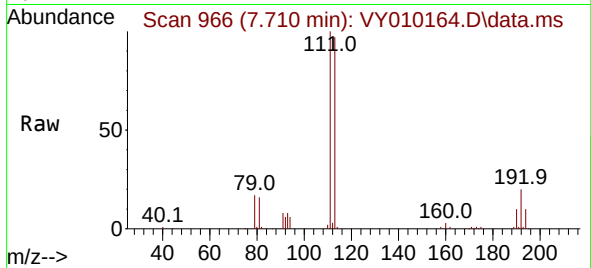




#35
Dibromofluoromethane
Concen: 48.879 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

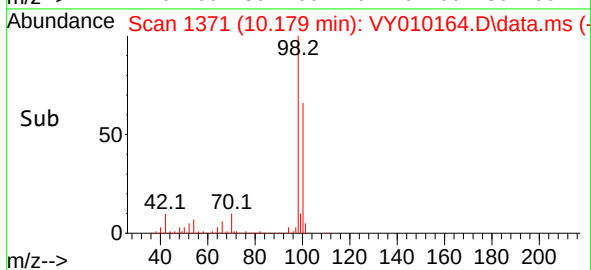
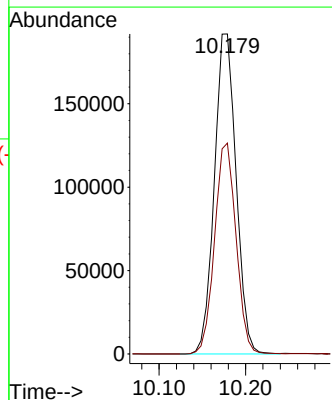
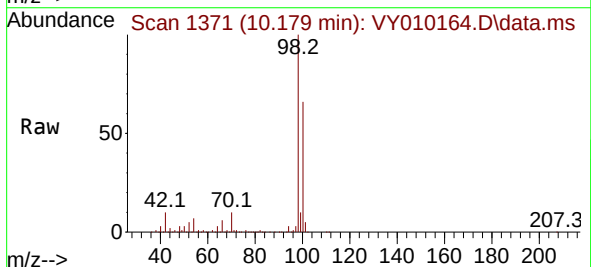
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

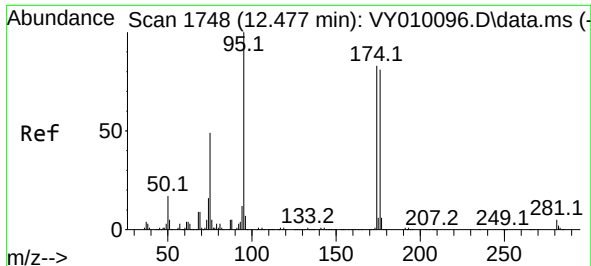
Tgt Ion:113 Resp: 90937
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 20.5 16.3 24.5



#50
Toluene-d8
Concen: 48.070 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 98 Resp: 335109
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

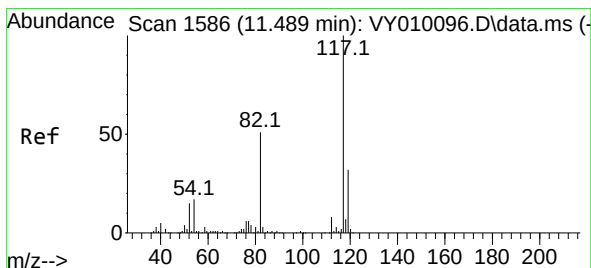
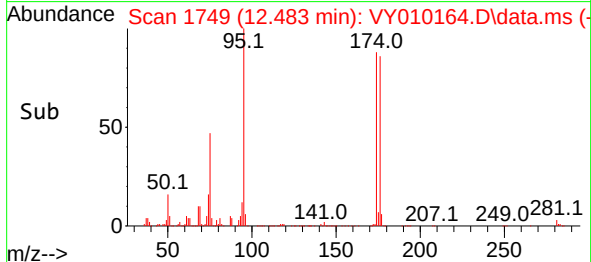
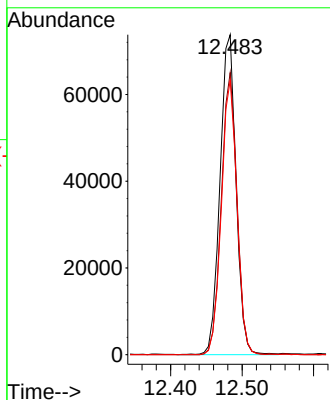
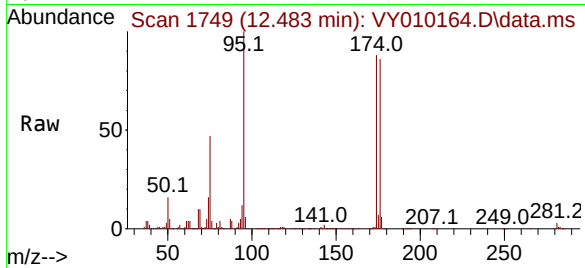




#62
4-Bromofluorobenzene
Concen: 46.129 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

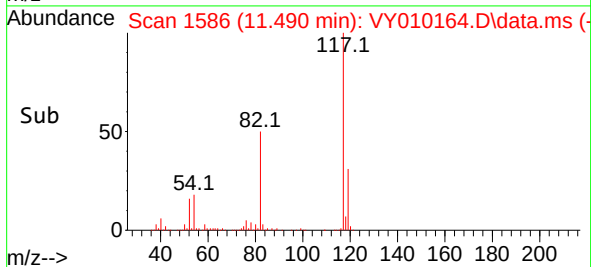
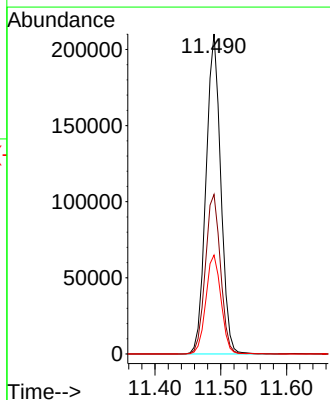
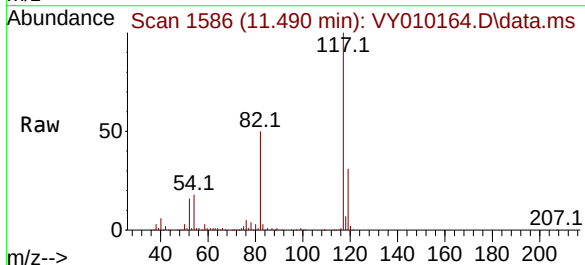
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

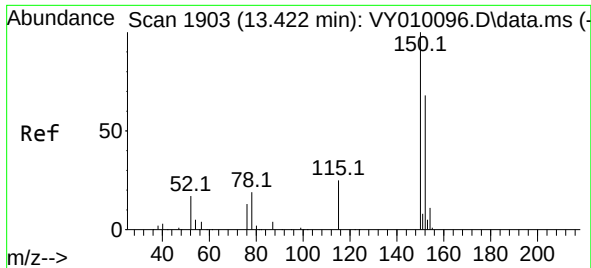
Tgt Ion: 95 Resp: 114899
Ion Ratio Lower Upper
95 100
174 86.4 0.0 173.8
176 83.3 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010164.D
Acq: 23 Aug 2022 14:48

Tgt Ion: 117 Resp: 328254
Ion Ratio Lower Upper
117 100
82 49.9 40.6 61.0
119 30.9 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: VY010164.D

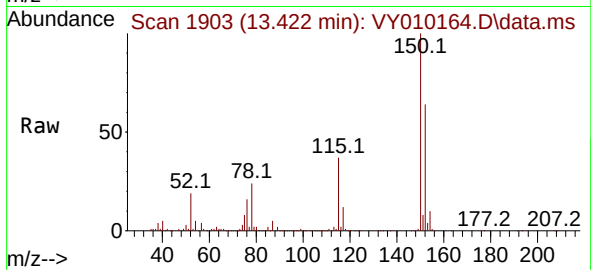
Acq: 23 Aug 2022 14:48

Instrument :

MSVOA_Y

ClientSampleId :

SS-1



Tgt Ion:152 Resp: 155656

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 157.6 0.0 346.2

