

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010133.D
 Acq On : 20 Aug 2022 03:59
 Operator : KP/MD
 Sample : N4205-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: Aug 22 02:53:07 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)

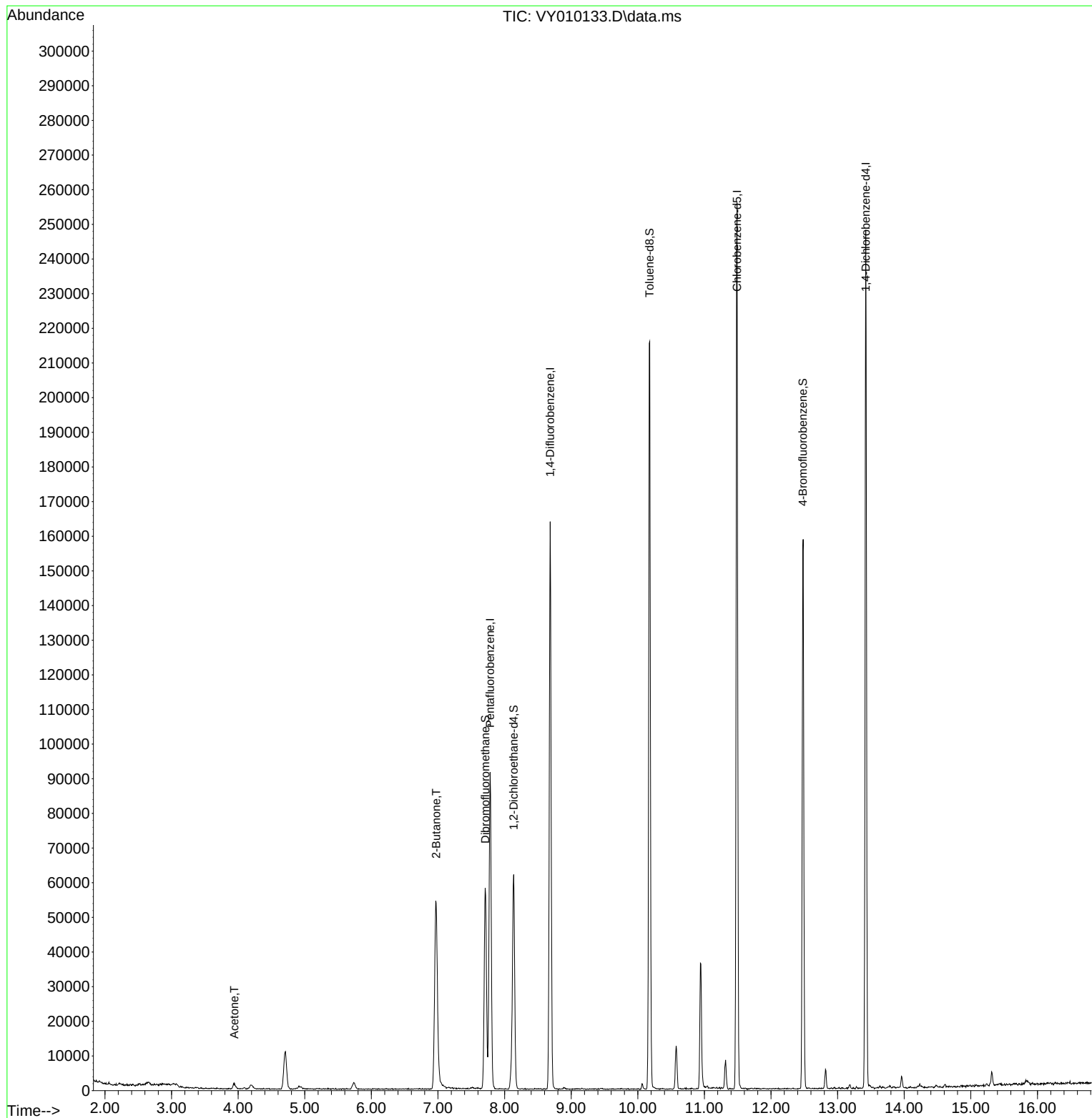
Internal Standards						
1) Pentafluorobenzene	7.783	168	74367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	143163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43665	71.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.360%
35) Dibromofluoromethane	7.710	113	43198	53.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.179	98	148271	49.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.477	95	48463	44.873	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.740%
Target Compounds					Qvalue	
16) Acetone	3.942	43	2659	17.441	ug/l	89
25) 2-Butanone	6.972	43	2629	10.720	ug/l #	84

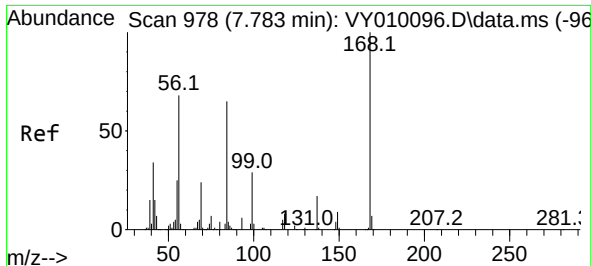
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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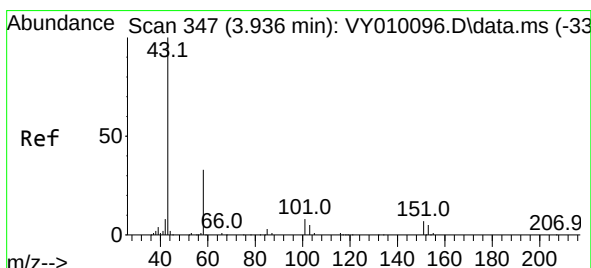
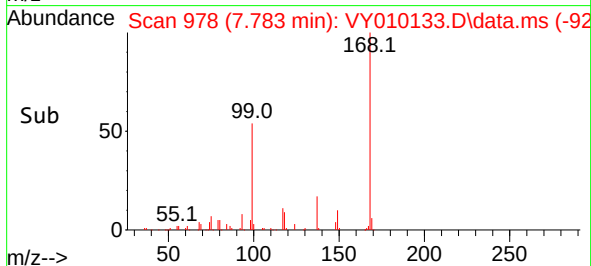
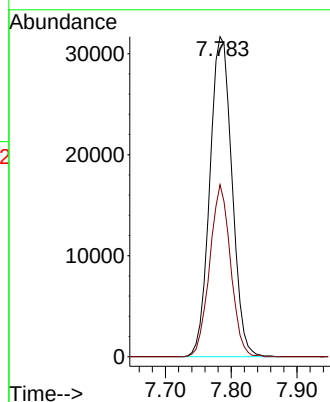
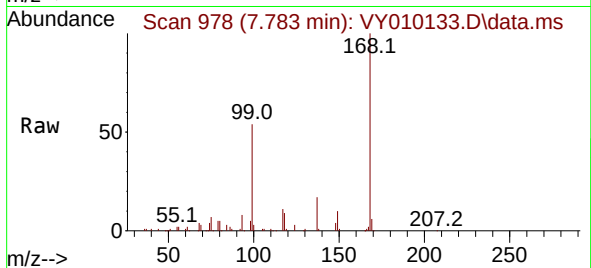




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010133.D
Acq: 20 Aug 2022 03:59

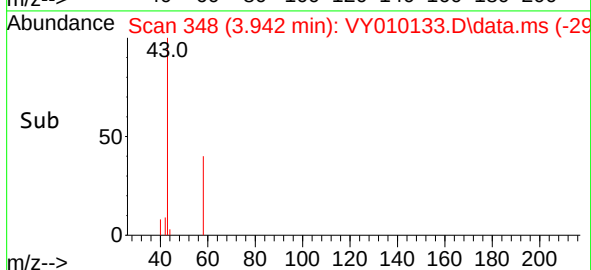
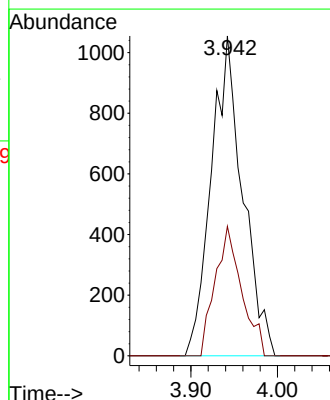
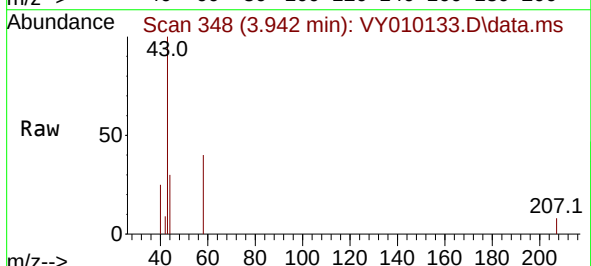
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

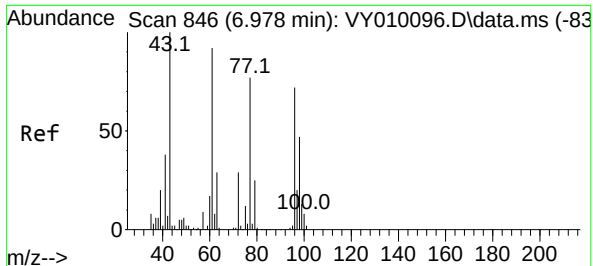
Tgt Ion:168 Resp: 74367
Ion Ratio Lower Upper
168 100
99 53.8 40.7 61.1



#16
Acetone
Concen: 17.441 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010133.D
Acq: 20 Aug 2022 03:59

Tgt Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
58 40.5 27.4 41.0





#25

2-Butanone

Concen: 10.720 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010133.D

Acq: 20 Aug 2022 03:59

Instrument :

MSVOA_Y

ClientSampleId :

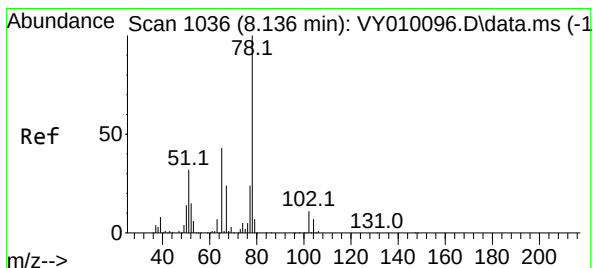
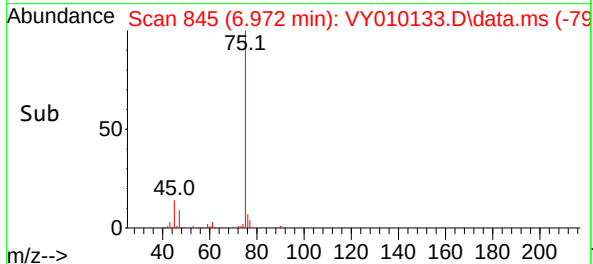
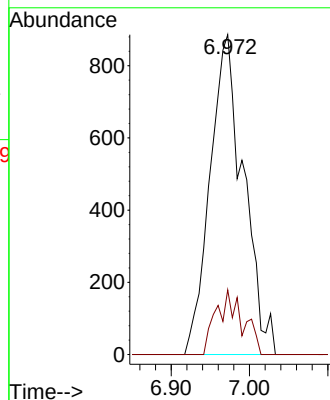
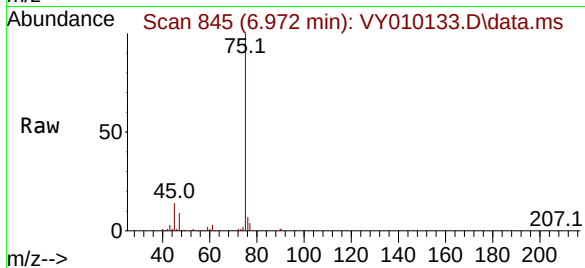
SS-1

Tgt Ion: 43 Resp: 2629

Ion Ratio Lower Upper

43 100

72 20.2 23.2 34.8#



#33

1,2-Dichloroethane-d4

Concen: 71.684 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010133.D

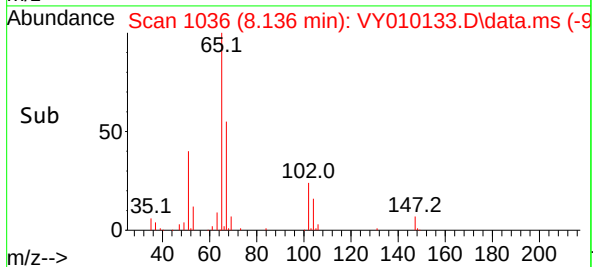
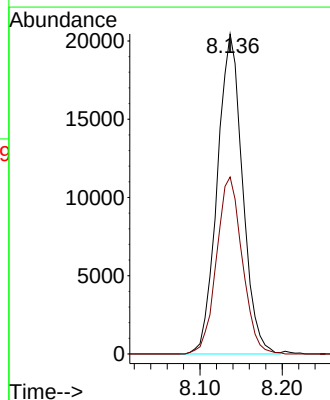
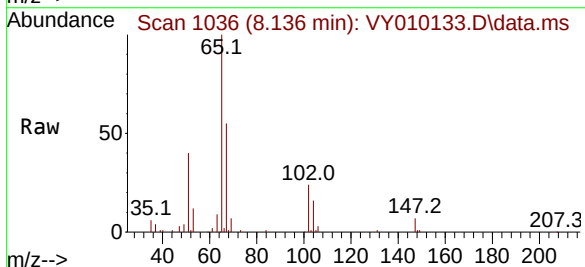
Acq: 20 Aug 2022 03:59

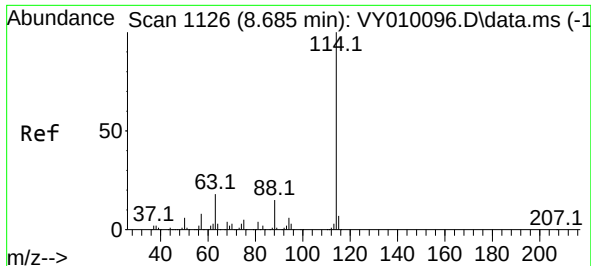
Tgt Ion: 65 Resp: 43665

Ion Ratio Lower Upper

65 100

67 56.4 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: VY010133.D

Acq: 20 Aug 2022 03:59

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

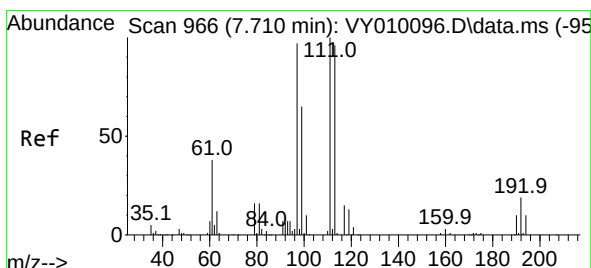
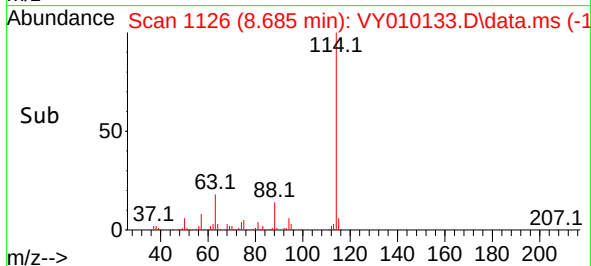
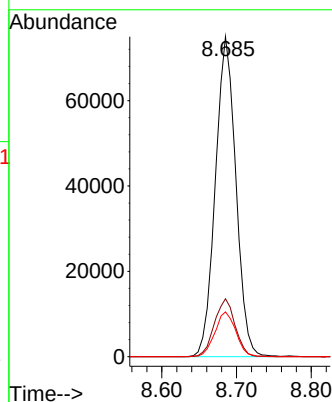
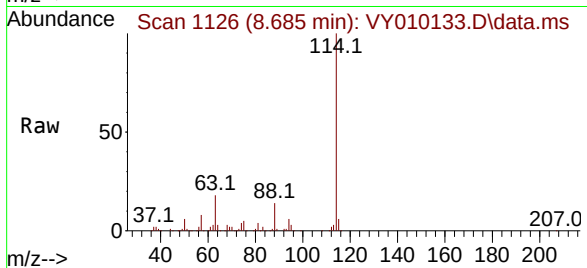
Tgt Ion:114 Resp: 143163

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 53.549 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010133.D

Acq: 20 Aug 2022 03:59

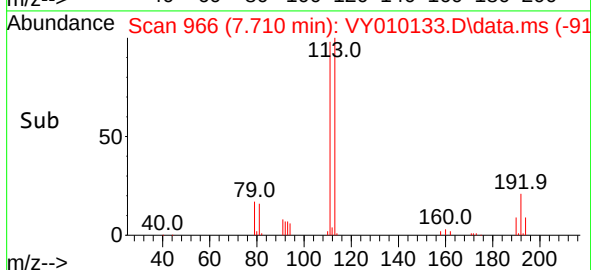
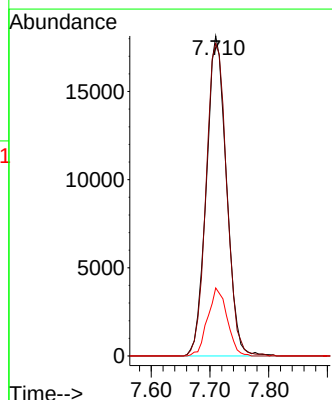
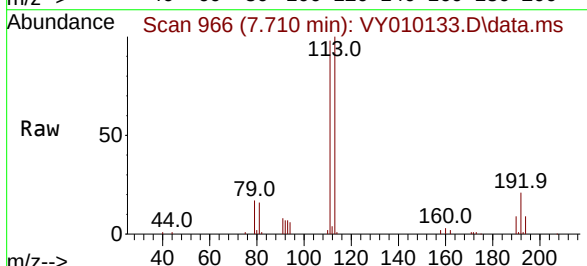
Tgt Ion:113 Resp: 43198

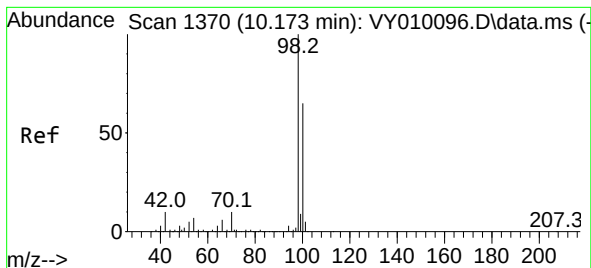
Ion Ratio Lower Upper

113 100

111 99.9 82.8 124.2

192 20.5 16.3 24.5

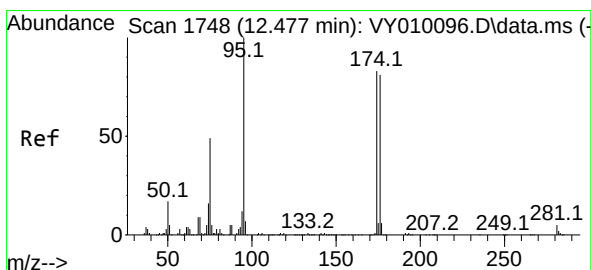
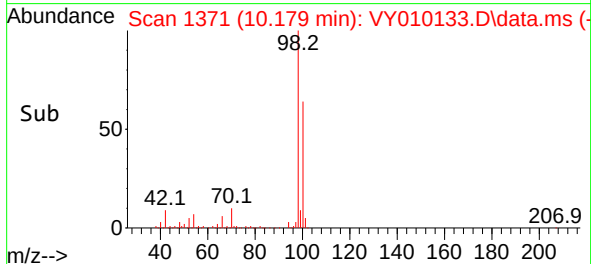
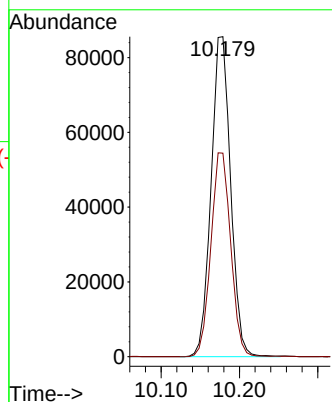
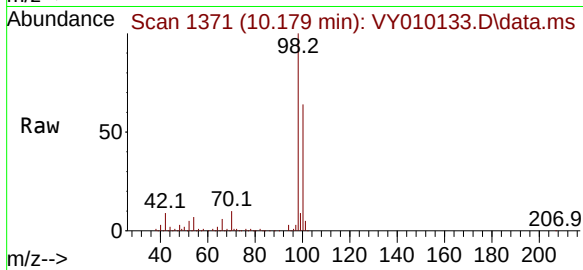




#50
Toluene-d8
Concen: 49.052 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010133.D
Acq: 20 Aug 2022 03:59

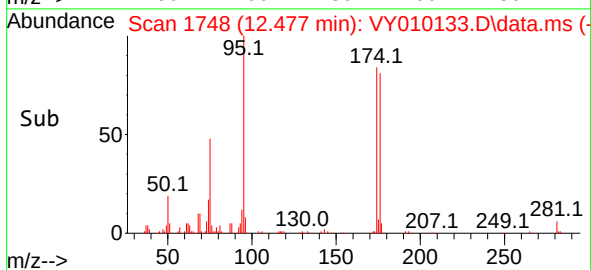
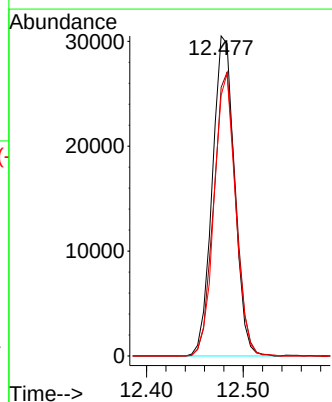
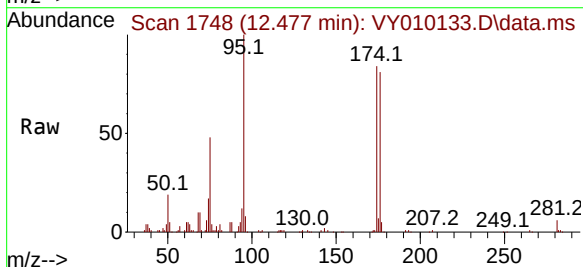
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

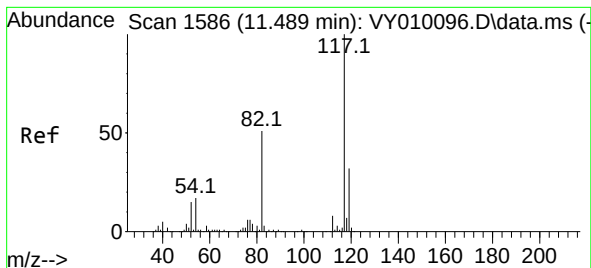
Tgt Ion: 98 Resp: 148271
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.873 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010133.D
Acq: 20 Aug 2022 03:59

Tgt Ion: 95 Resp: 48463
Ion Ratio Lower Upper
95 100
174 88.8 0.0 173.8
176 85.5 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010133.D

Acq: 20 Aug 2022 03:59

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

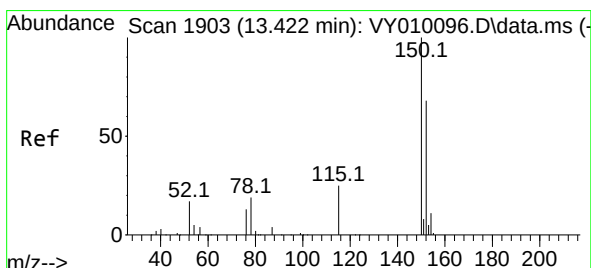
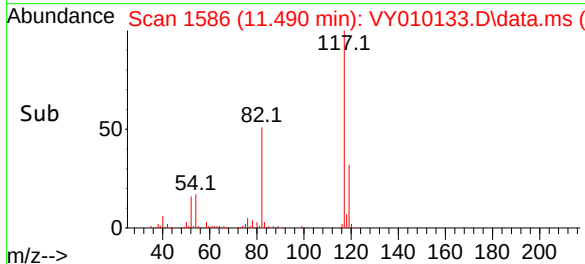
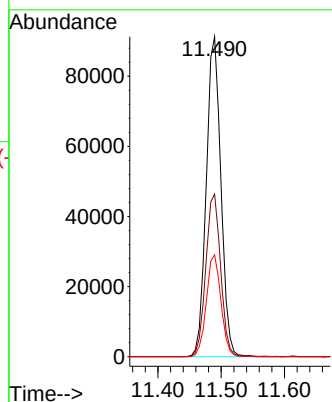
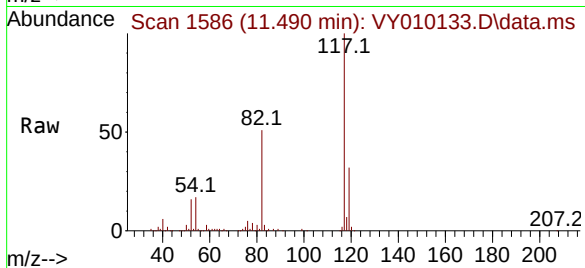
Tgt Ion:117 Resp: 147036

Ion Ratio Lower Upper

117 100

82 50.8 40.6 61.0

119 31.9 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: VY010133.D

Acq: 20 Aug 2022 03:59

Tgt Ion:152 Resp: 67360

Ion Ratio Lower Upper

152 100

115 54.5 28.1 84.2

150 154.3 0.0 346.2

