

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010101.D
 Acq On : 19 Aug 2022 14:05
 Operator : KP/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Aug 22 02:39:16 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)

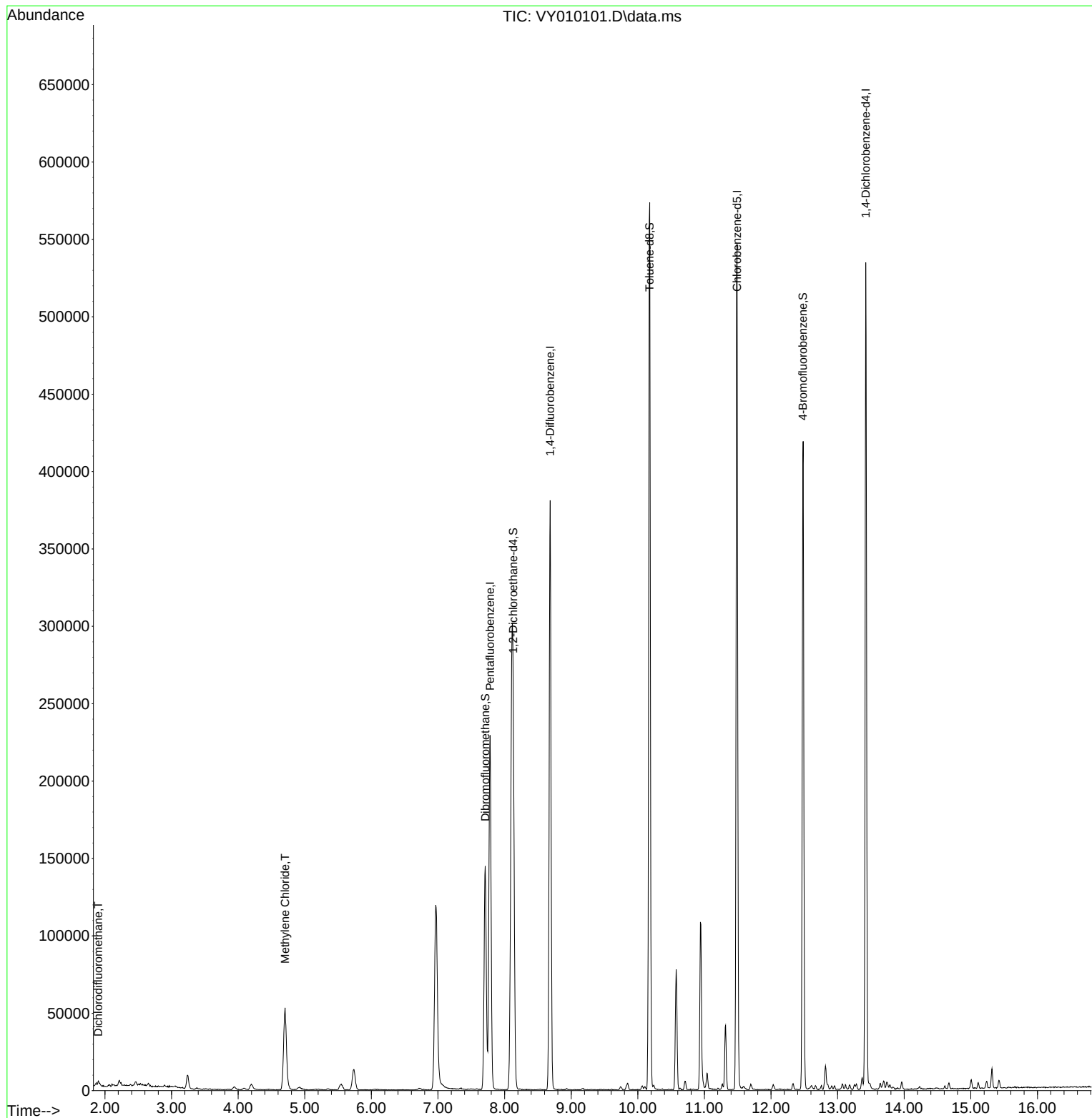
Internal Standards						
1) Pentafluorobenzene	7.783	168	188706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	102214	66.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.260%	
35) Dibromofluoromethane	7.710	113	104776	54.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.660%	
50) Toluene-d8	10.179	98	393633	54.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.960%	
62) 4-Bromofluorobenzene	12.477	95	126992	49.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	2350	1.671	ug/l	98
20) Methylene Chloride	4.704	84	40553	12.341	ug/l	97

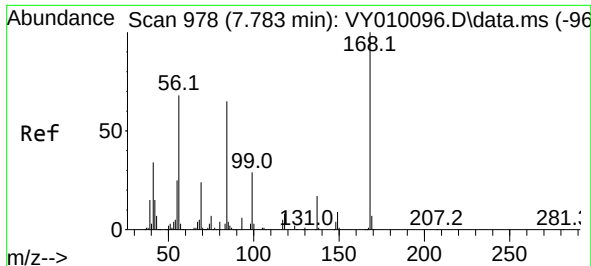
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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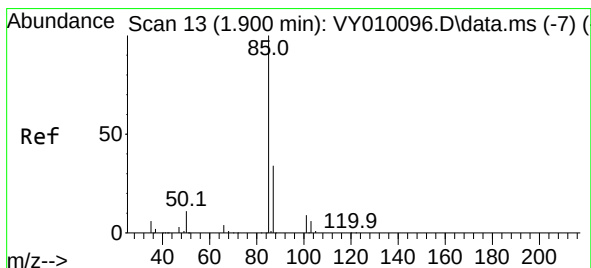
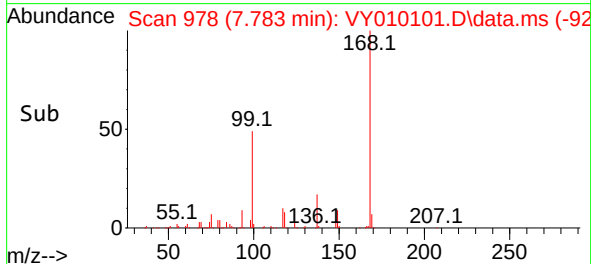
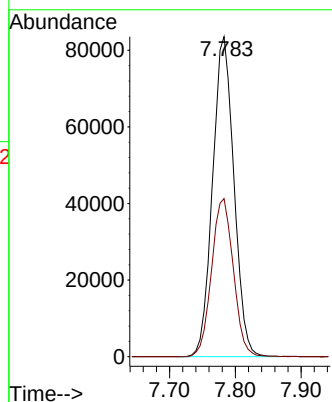
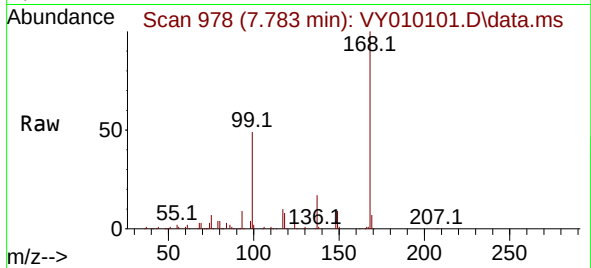




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010101.D
Acq: 19 Aug 2022 14:05

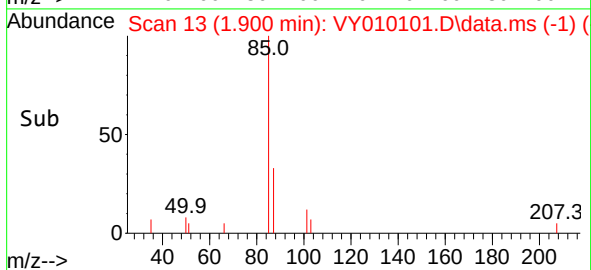
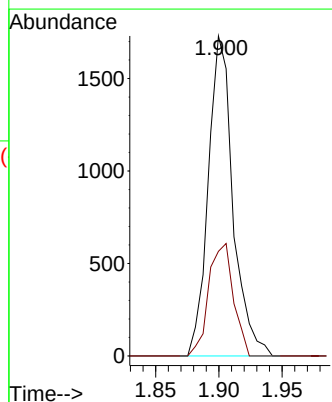
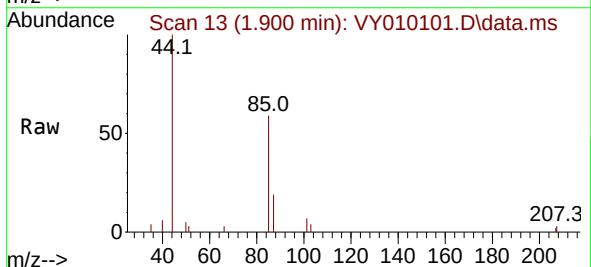
Instrument :
MSVOA_Y
ClientSampleId :
BLK

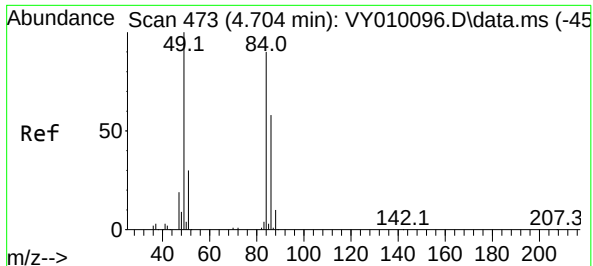
Tgt Ion:168 Resp: 188706
Ion Ratio Lower Upper
168 100
99 49.4 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 1.671 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010101.D
Acq: 19 Aug 2022 14:05

Tgt Ion: 85 Resp: 2350
Ion Ratio Lower Upper
85 100
87 32.7 16.8 50.4





#20

Methylene Chloride

Concen: 12.341 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY010101.D

Acq: 19 Aug 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

BLK

Tgt Ion: 84 Resp: 40553

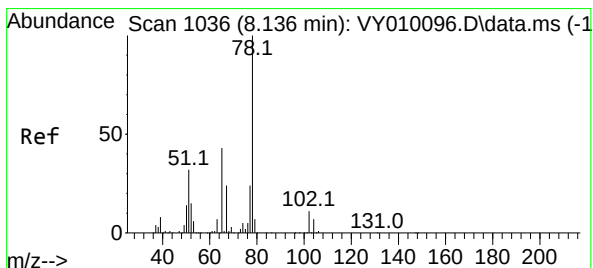
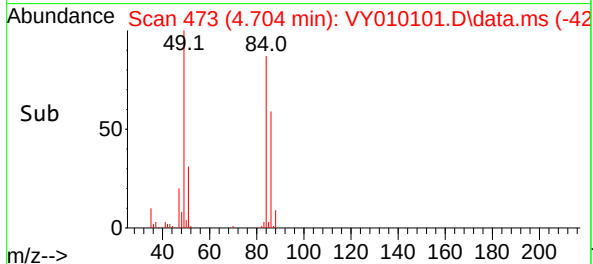
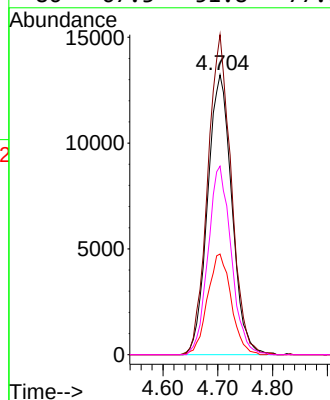
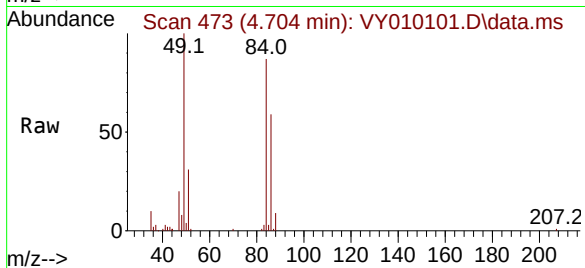
Ion Ratio Lower Upper

84 100

49 114.4 89.0 133.4

51 36.0 27.0 40.6

86 67.3 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 66.129 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY010101.D

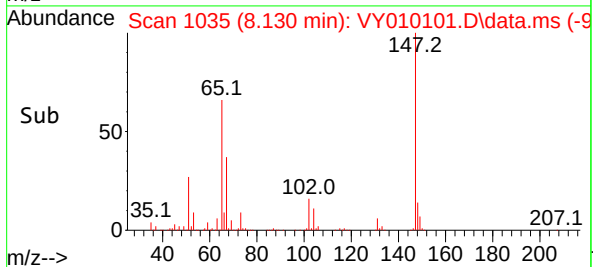
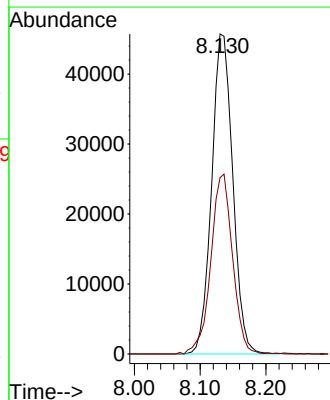
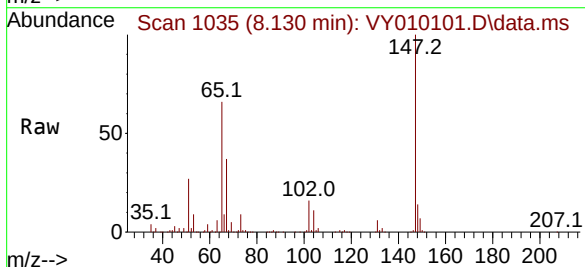
Acq: 19 Aug 2022 14:05

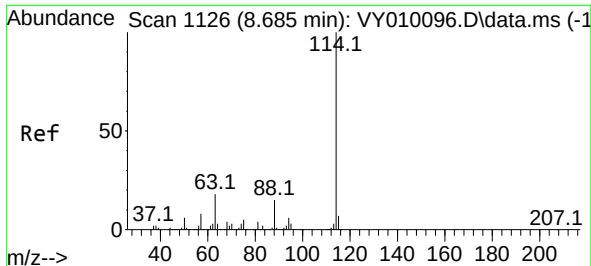
Tgt Ion: 65 Resp: 102214

Ion Ratio Lower Upper

65 100

67 57.8 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: VY010101.D

Acq: 19 Aug 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

BLK

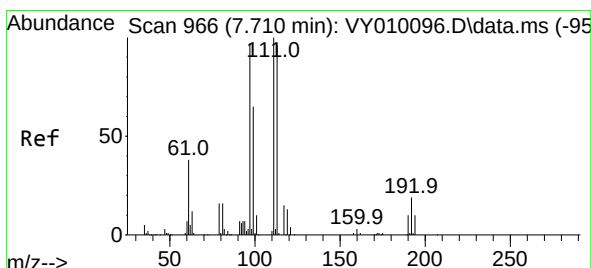
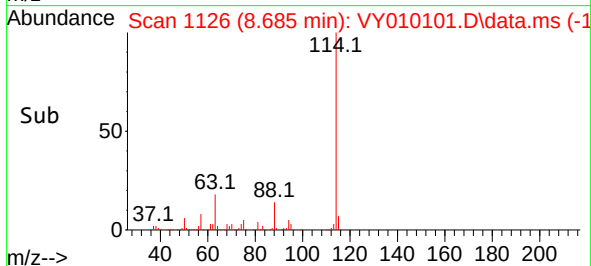
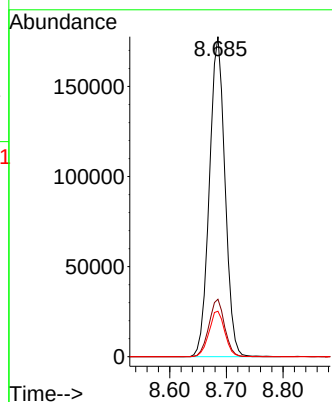
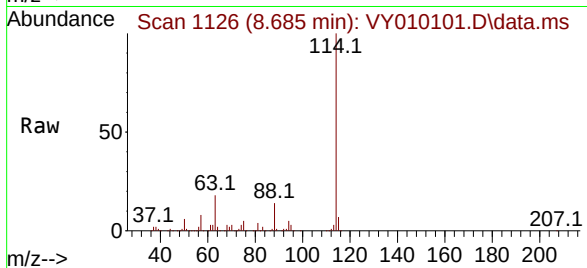
Tgt Ion:114 Resp: 339114

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

88 14.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 54.832 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010101.D

Acq: 19 Aug 2022 14:05

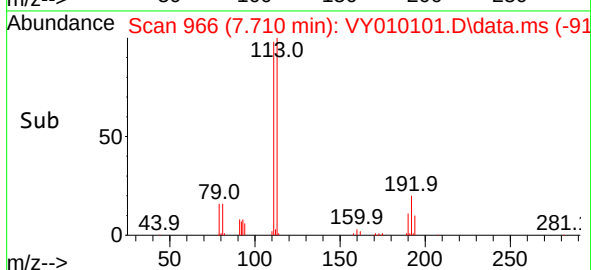
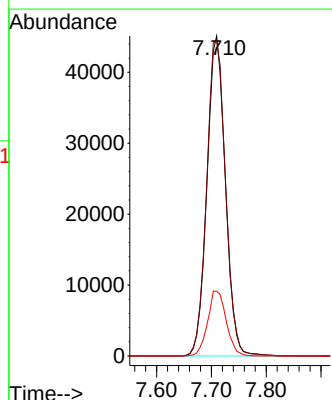
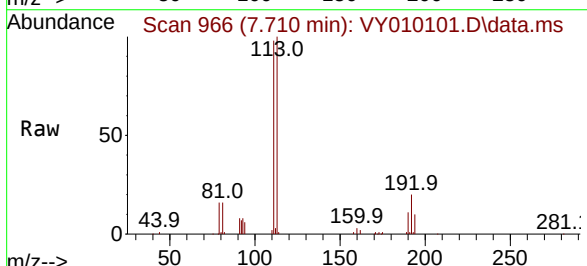
Tgt Ion:113 Resp: 104776

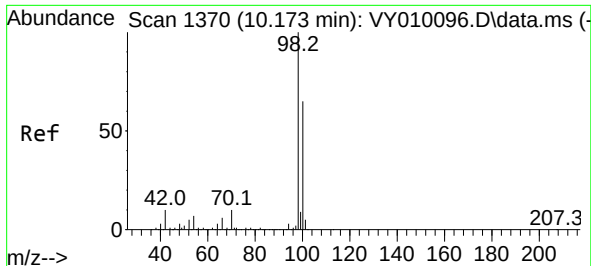
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 20.6 16.3 24.5

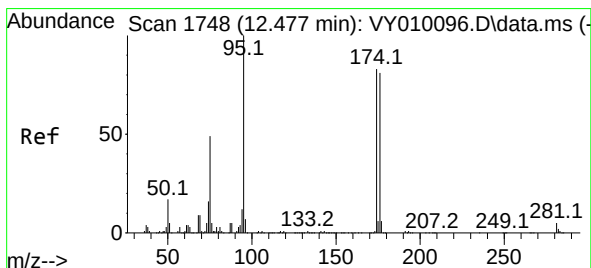
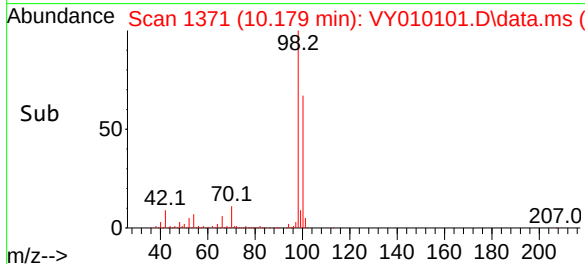
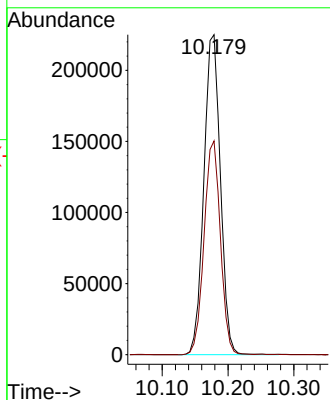
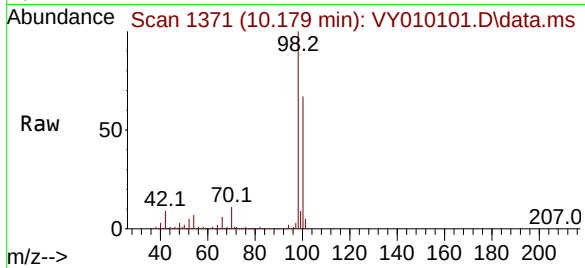




#50
Toluene-d8
Concen: 54.976 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010101.D
Acq: 19 Aug 2022 14:05

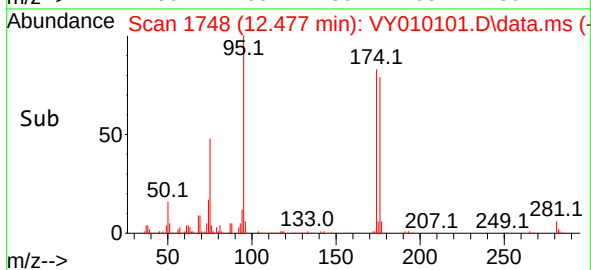
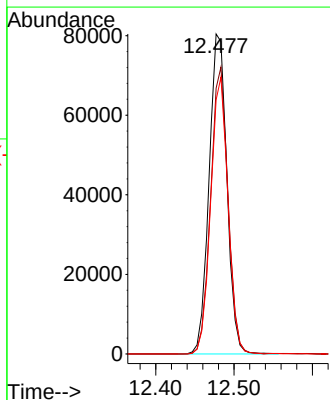
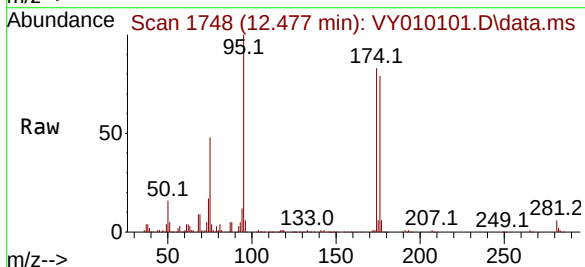
Instrument :
MSVOA_Y
ClientSampleId :
BLK

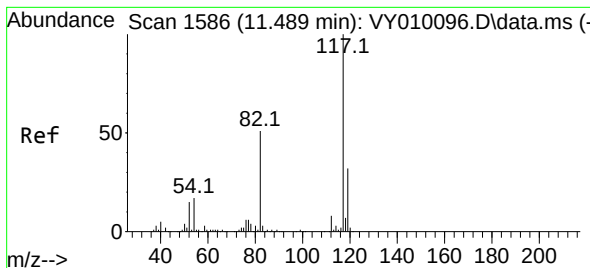
Tgt Ion: 98 Resp: 393633
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010101.D
Acq: 19 Aug 2022 14:05

Tgt Ion: 95 Resp: 126992
Ion Ratio Lower Upper
95 100
174 87.4 0.0 173.8
176 84.0 0.0 167.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010101.D

Acq: 19 Aug 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

BLK

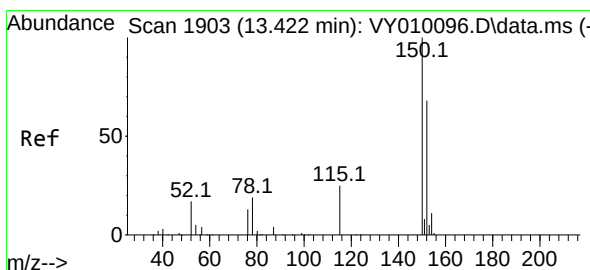
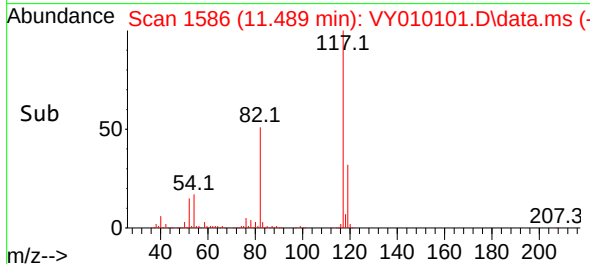
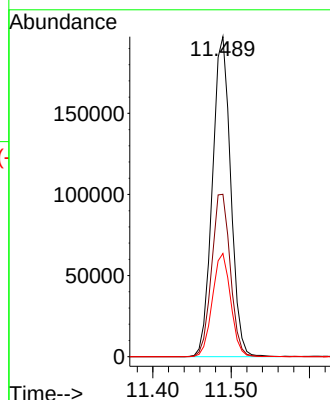
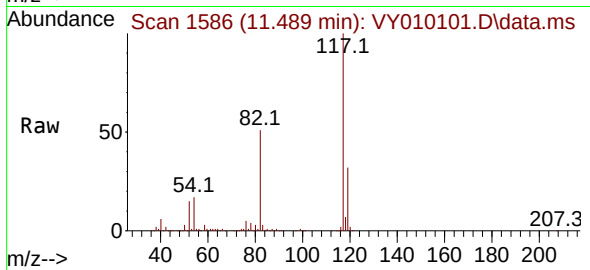
Tgt Ion:117 Resp: 320054

Ion Ratio Lower Upper

117 100

82 50.8 40.6 61.0

119 32.2 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: VY010101.D

Acq: 19 Aug 2022 14:05

Tgt Ion:152 Resp: 142261

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

150 156.4 0.0 346.2

