

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012623.D
 Acq On : 15 Feb 2023 18:45
 Operator : KP/MD
 Sample : 01574-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Feb 16 01:02:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

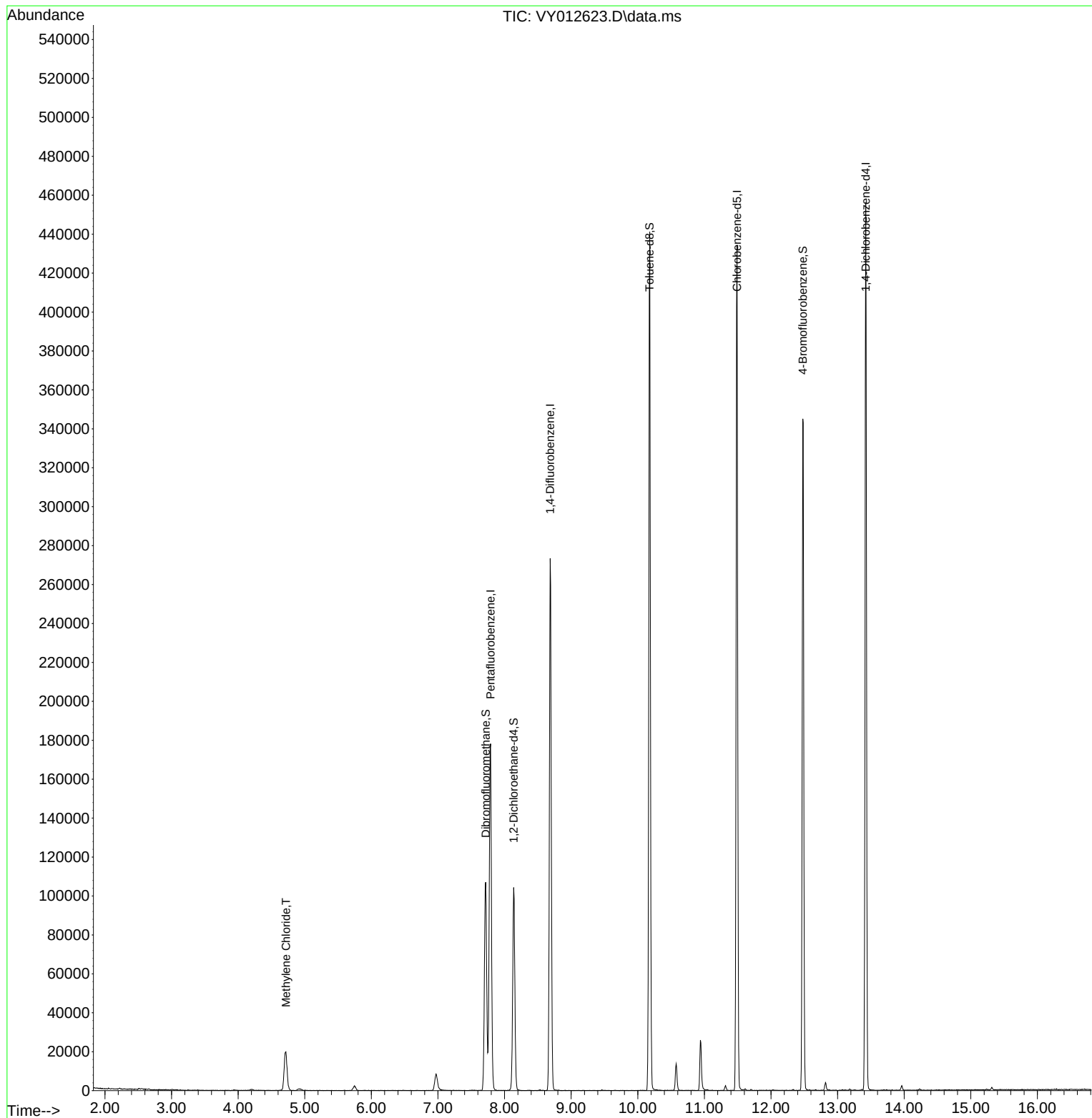
Internal Standards						
1) Pentafluorobenzene	7.789	168	147372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85808	45.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.580%		
35) Dibromofluoromethane	7.716	113	74049	41.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.480%		
50) Toluene-d8	10.179	98	292845	39.186	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.380%		
62) 4-Bromofluorobenzene	12.477	95	101553	38.959	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.920%		
Target Compounds						
20) Methylene Chloride	4.716	84	17339	6.633	ug/l	87

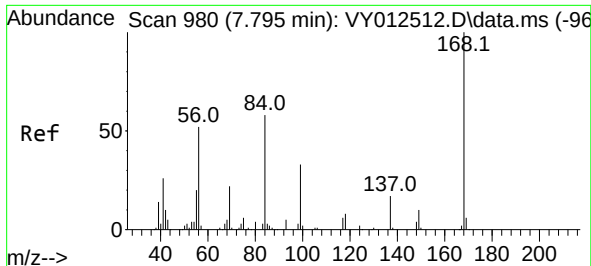
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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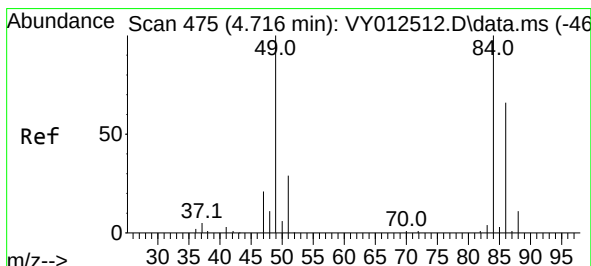
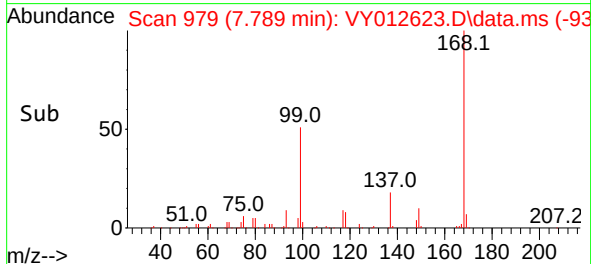
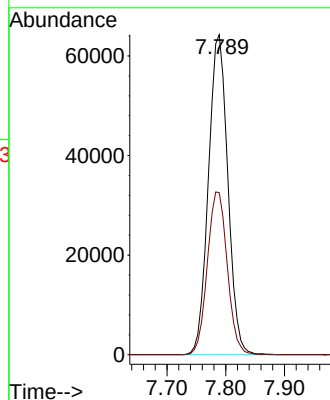
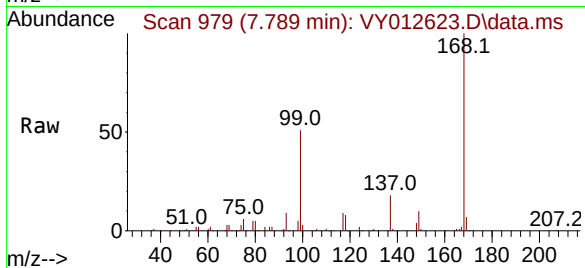




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

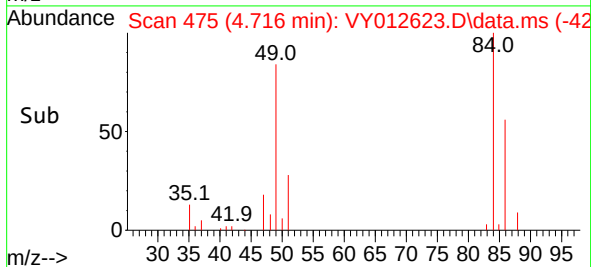
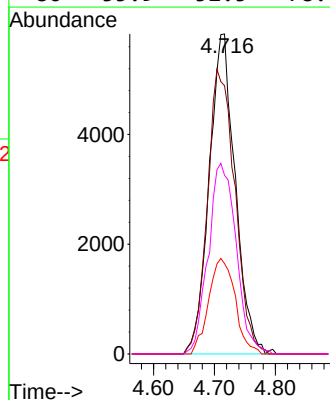
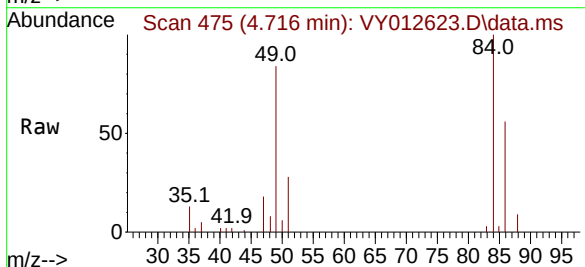
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

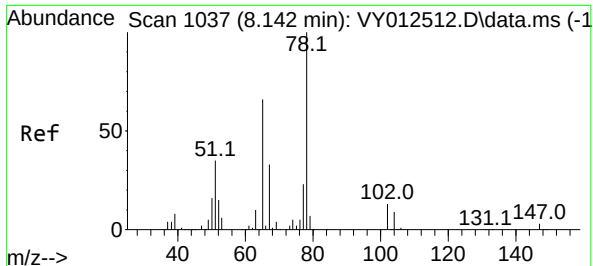
Tgt Ion:168 Resp: 147372
Ion Ratio Lower Upper
168 100
99 50.7 40.8 61.2



#20
Methylene Chloride
Concen: 6.633 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 84 Resp: 17339
Ion Ratio Lower Upper
84 100
49 83.9 79.8 119.6
51 28.2 23.4 35.2
86 55.9 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 45.788 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

Instrument :

MSVOA_Y

ClientSampleId :

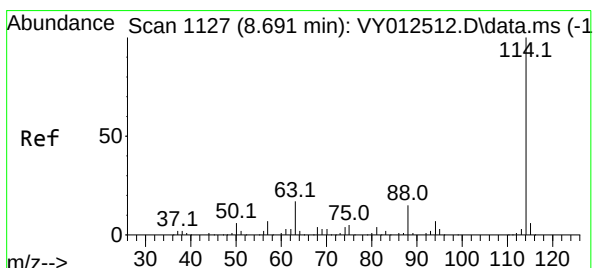
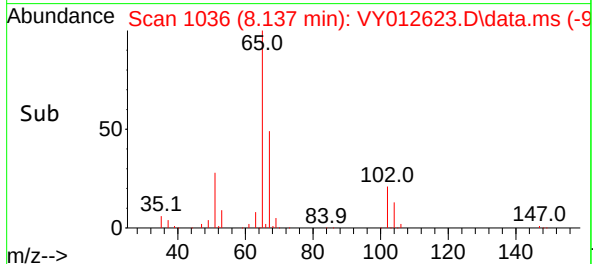
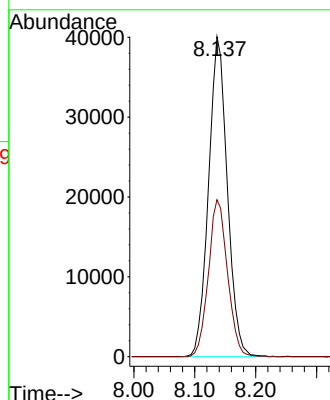
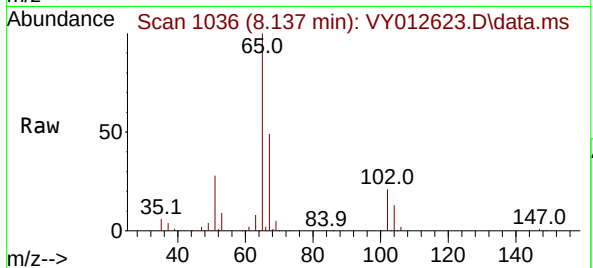
WASTE

Tgt Ion: 65 Resp: 85808

Ion Ratio Lower Upper

65 100

67 49.8 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012623.D

Acq: 15 Feb 2023 18:45

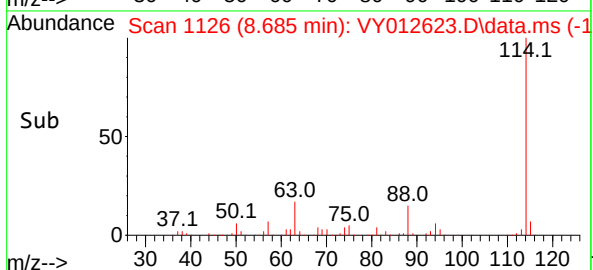
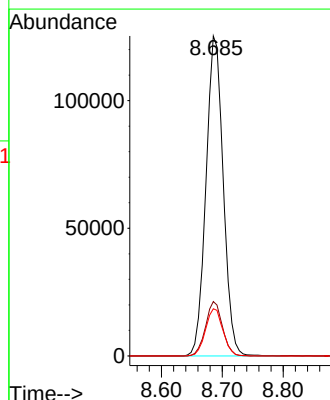
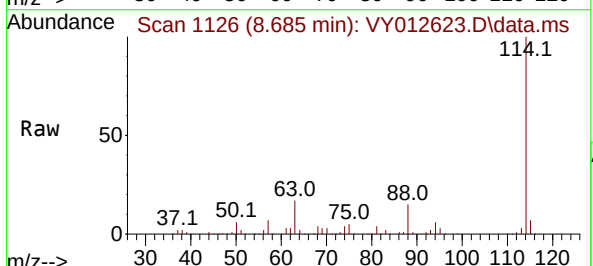
Tgt Ion: 114 Resp: 246542

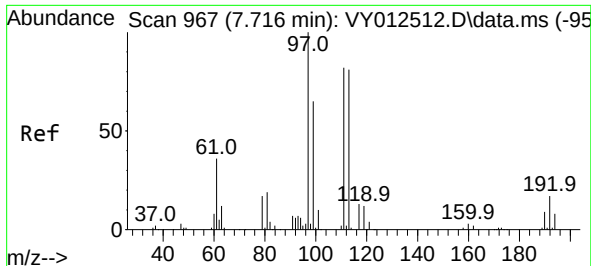
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 14.7 0.0 29.8

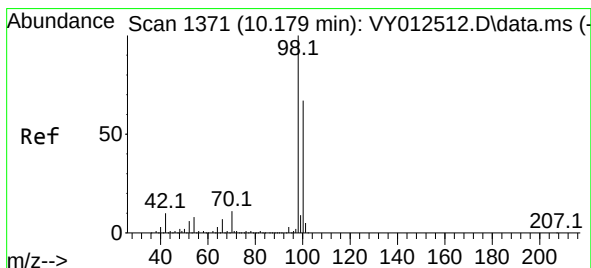
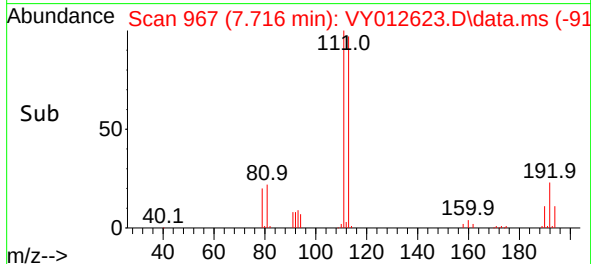
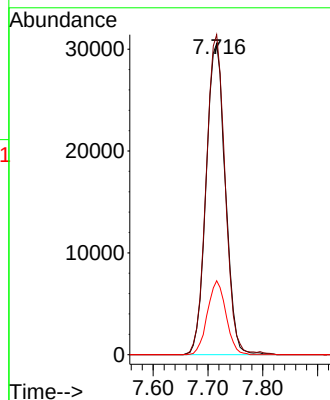
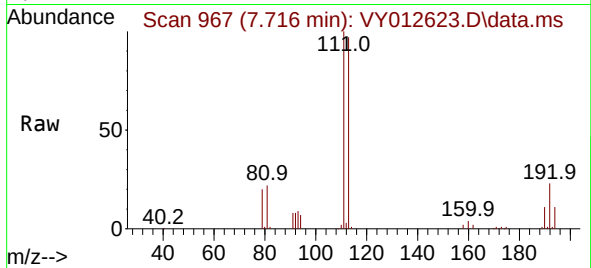




#35
Dibromofluoromethane
Concen: 41.242 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

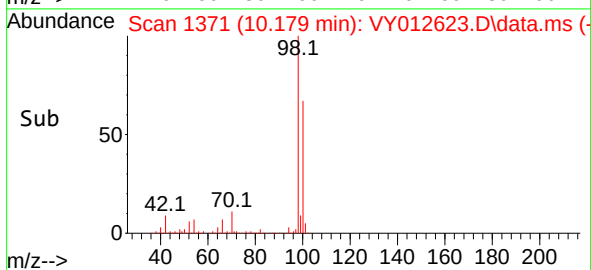
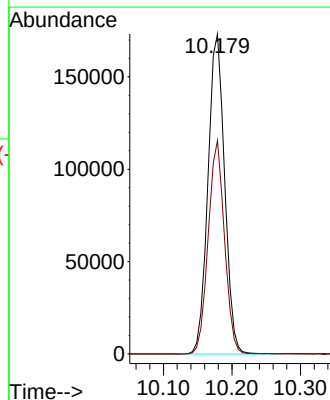
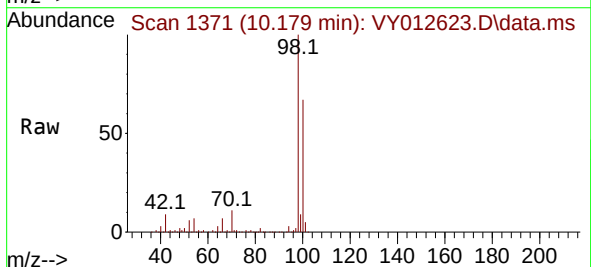
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

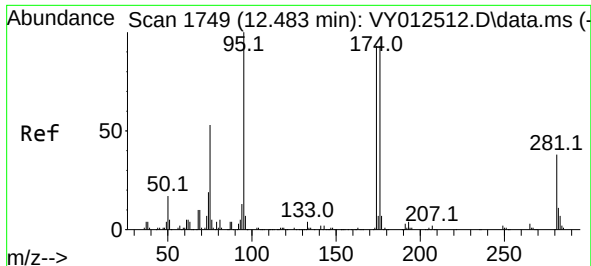
Tgt Ion:113 Resp: 74049
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 23.0 17.5 26.3



#50
Toluene-d8
Concen: 39.186 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 98 Resp: 292845
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

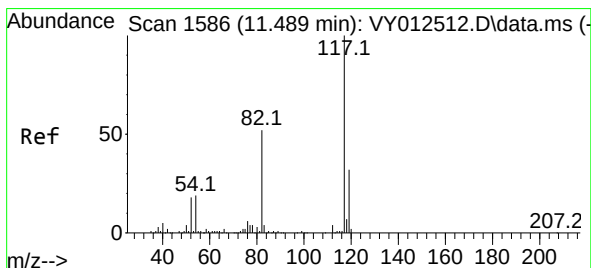
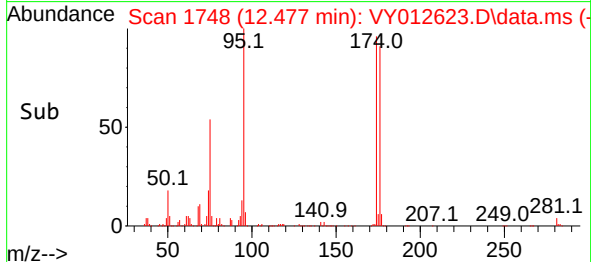
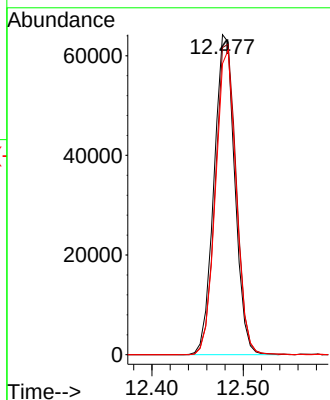
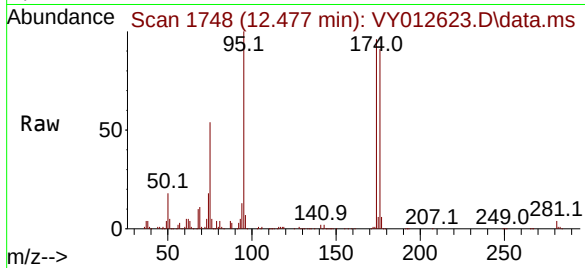




#62
4-Bromofluorobenzene
Concen: 38.959 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

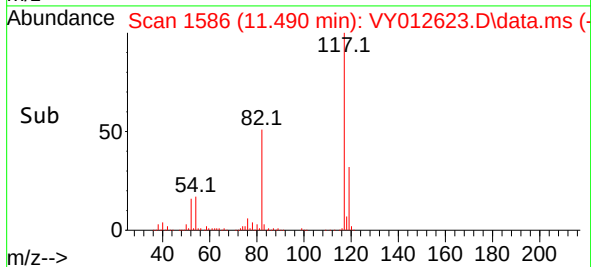
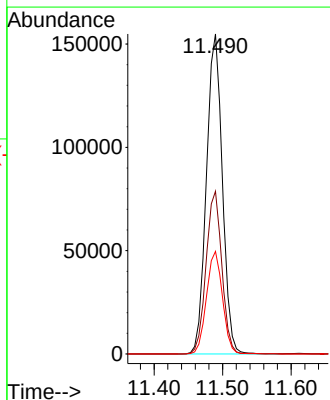
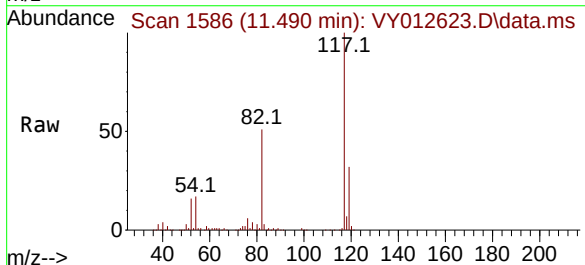
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

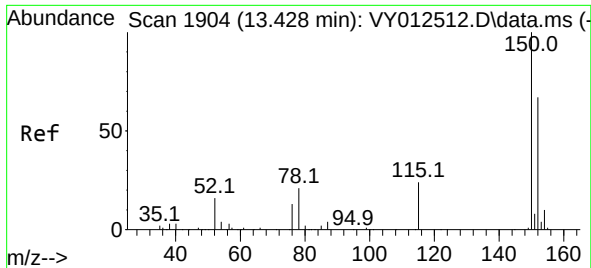
Tgt Ion: 95 Resp: 101553
Ion Ratio Lower Upper
95 100
174 98.2 0.0 188.0
176 94.3 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012623.D
Acq: 15 Feb 2023 18:45

Tgt Ion: 117 Resp: 250849
Ion Ratio Lower Upper
117 100
82 50.9 41.7 62.5
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012623.D

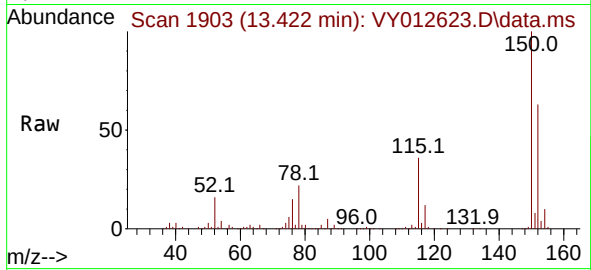
Acq: 15 Feb 2023 18:45

Instrument :

MSVOA_Y

ClientSampleId :

WASTE



Tgt Ion:152 Resp: 123714

Ion Ratio Lower Upper

152 100

115 56.9 28.1 84.3

150 158.1 0.0 351.0

