

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011786.D
 Acq On : 13 Dec 2022 12:24
 Operator : KP/MD
 Sample : N6023-01
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Dec 13 22:17:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

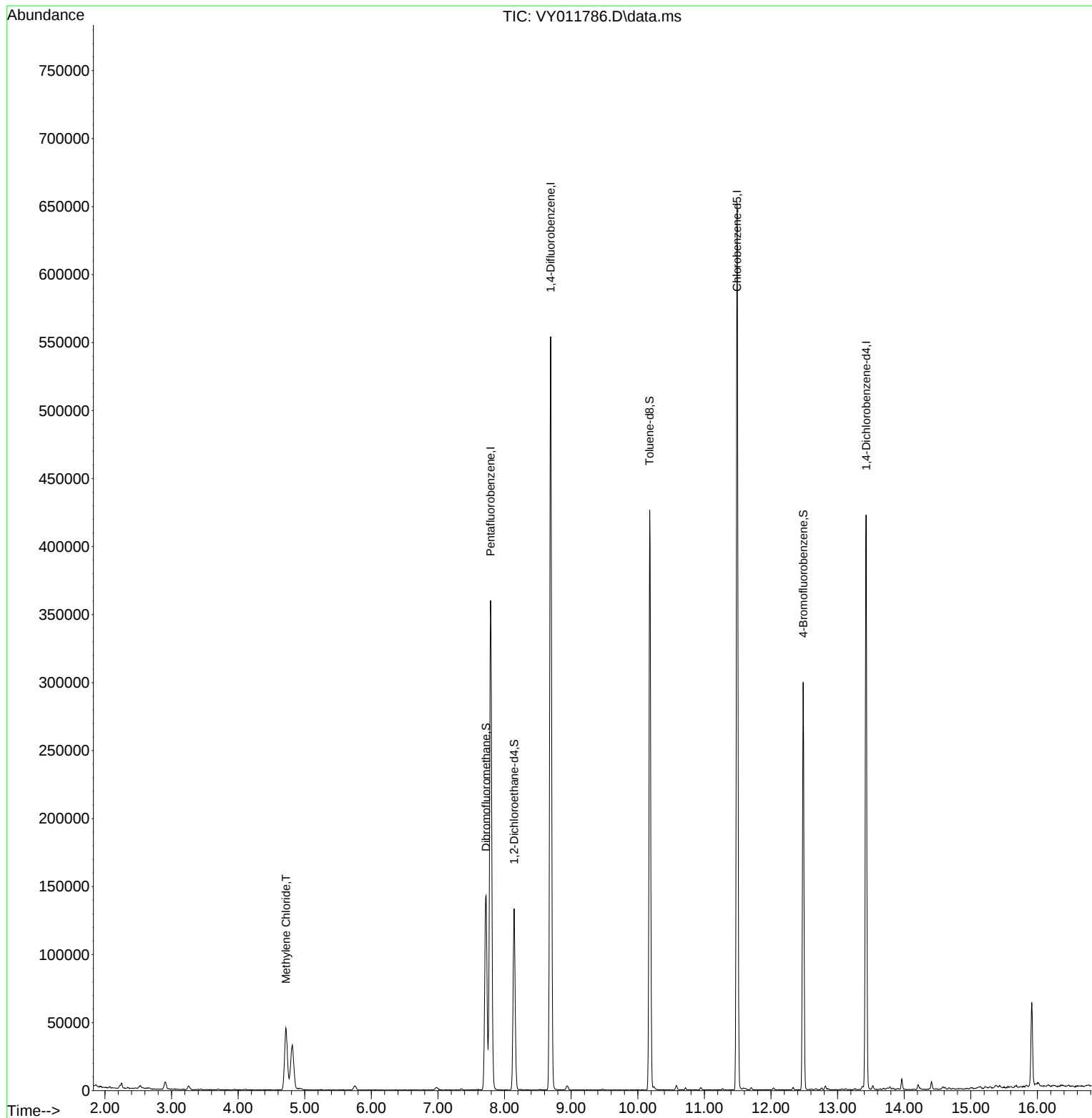
Internal Standards						
1) Pentafluorobenzene	7.789	168	281352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	469775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100610	52.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%
35) Dibromofluoromethane	7.722	113	103331	49.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.179	98	282626	39.970	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.940%
62) 4-Bromofluorobenzene	12.483	95	87705	30.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.820%
Target Compounds						
20) Methylene Chloride	4.716	84	34338	7.571	ug/l	Qvalue 94

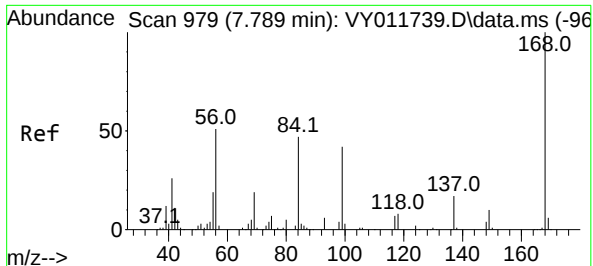
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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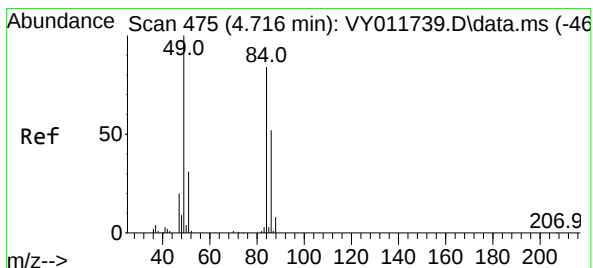
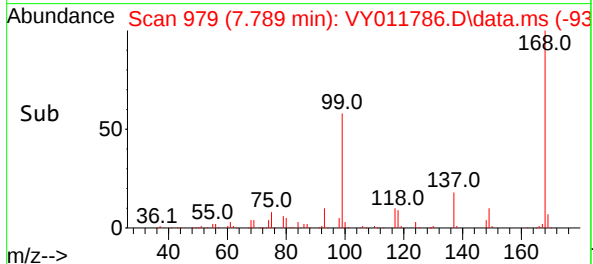
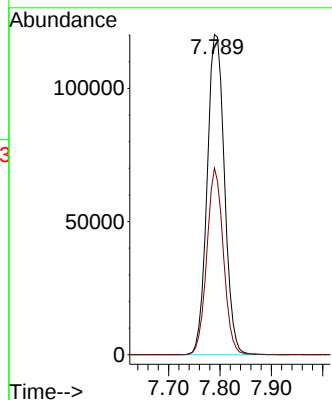
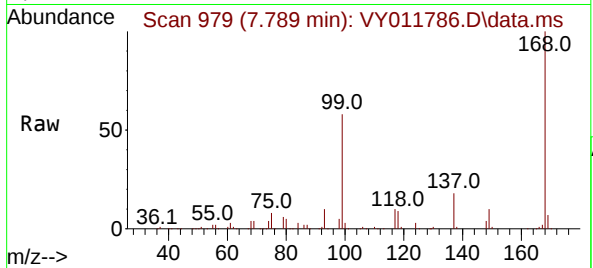




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011786.D
Acq: 13 Dec 2022 12:24

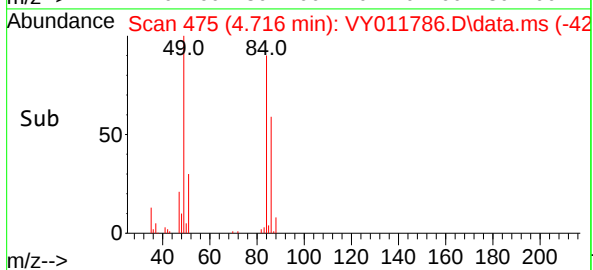
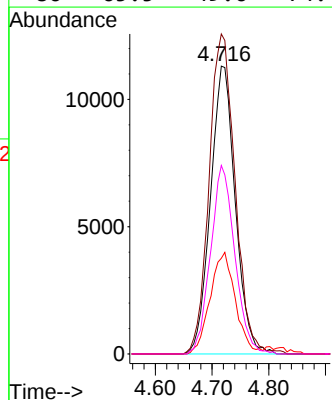
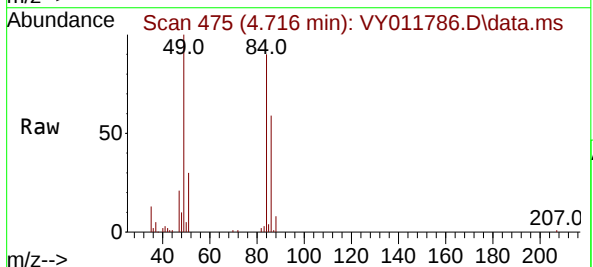
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

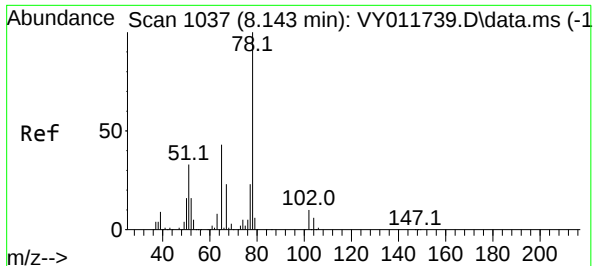
Tgt Ion:168 Resp: 281352
Ion Ratio Lower Upper
168 100
99 58.3 44.0 66.0



#20
Methylene Chloride
Concen: 7.571 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011786.D
Acq: 13 Dec 2022 12:24

Tgt Ion: 84 Resp: 34338
Ion Ratio Lower Upper
84 100
49 111.2 95.4 143.2
51 33.3 29.9 44.9
86 65.5 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 52.659 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011786.D

Acq: 13 Dec 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

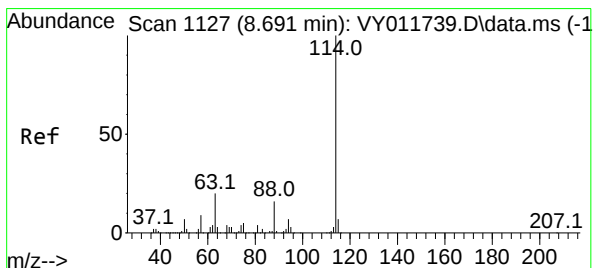
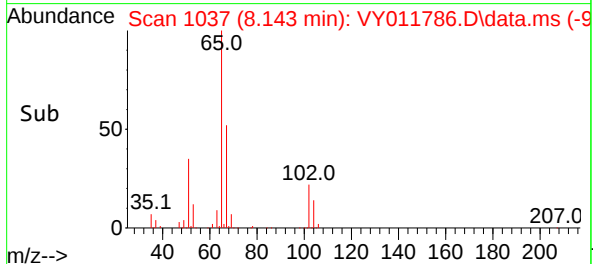
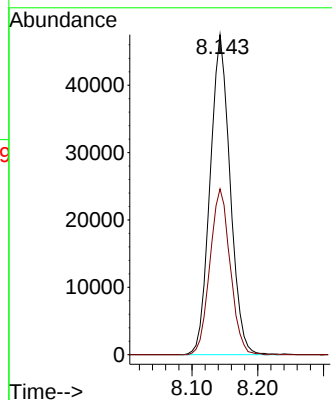
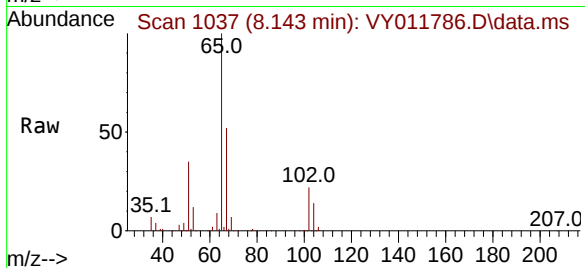
WASTE

Tgt Ion: 65 Resp: 100610

Ion Ratio Lower Upper

65 100

67 52.3 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: VY011786.D

Acq: 13 Dec 2022 12:24

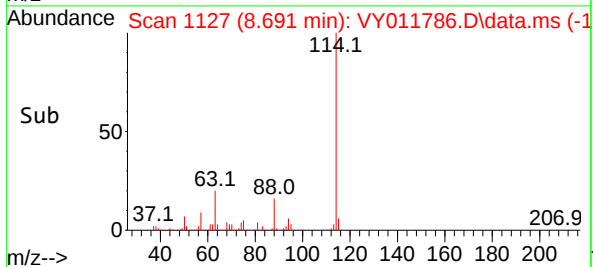
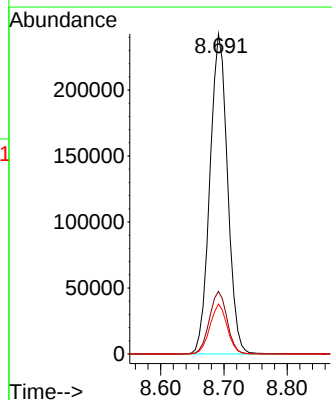
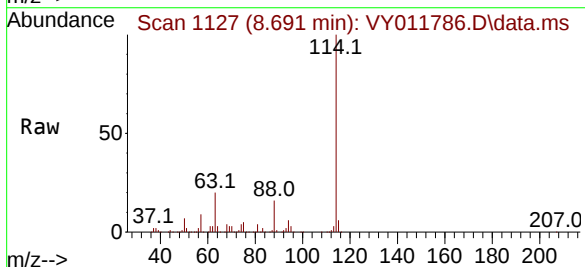
Tgt Ion: 114 Resp: 469775

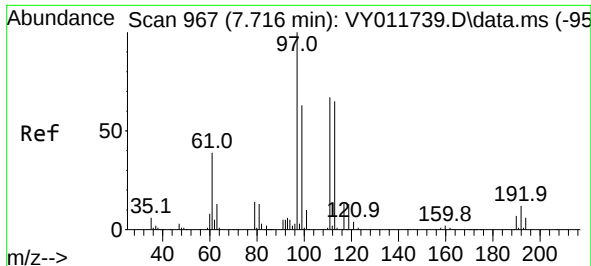
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.466 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011786.D

Acq: 13 Dec 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

WASTE

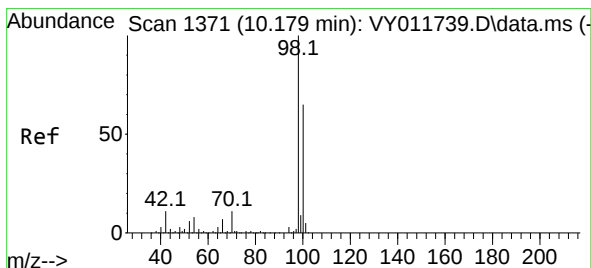
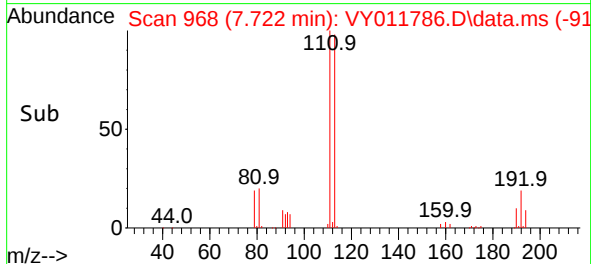
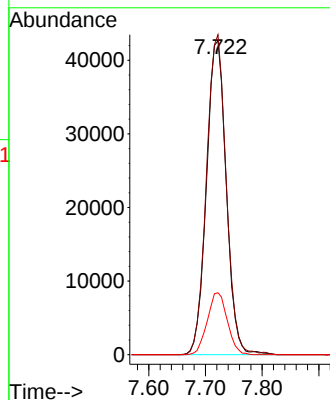
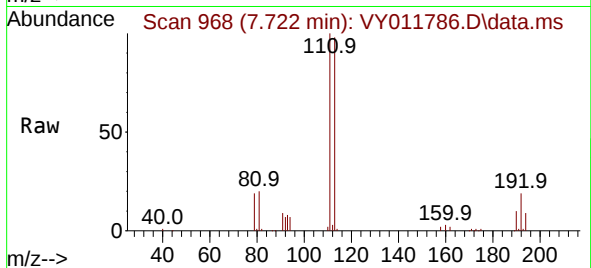
Tgt Ion:113 Resp: 103331

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

192 20.0 16.0 24.0



#50

Toluene-d8

Concen: 39.970 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011786.D

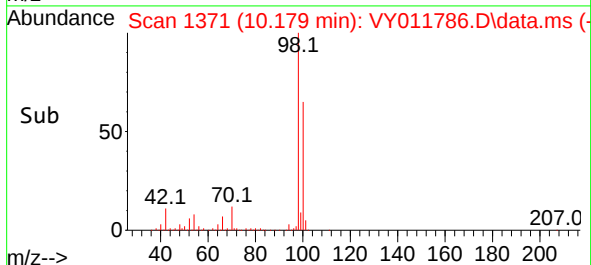
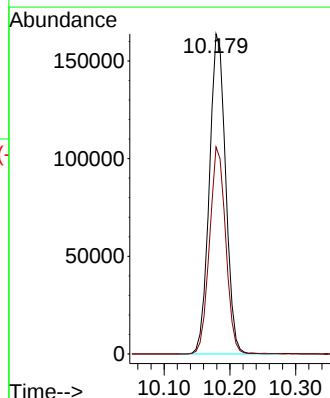
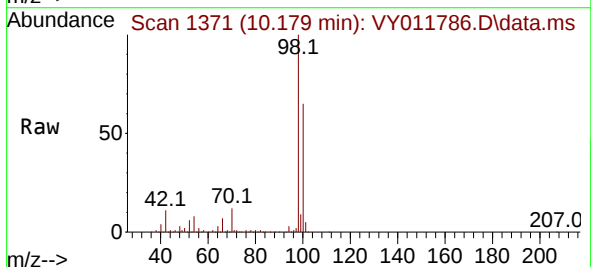
Acq: 13 Dec 2022 12:24

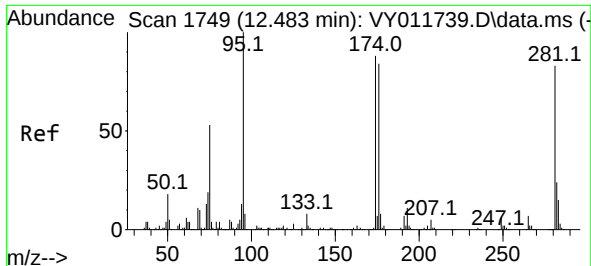
Tgt Ion: 98 Resp: 282626

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

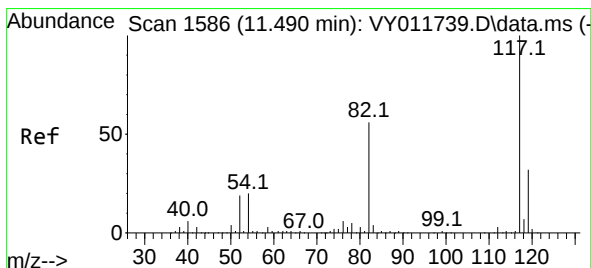
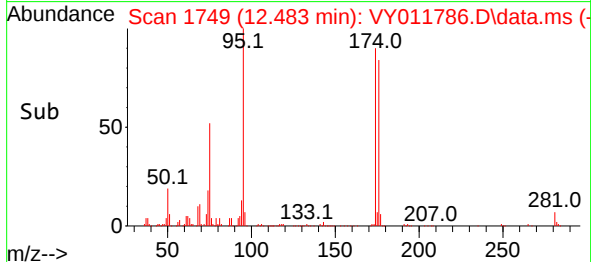
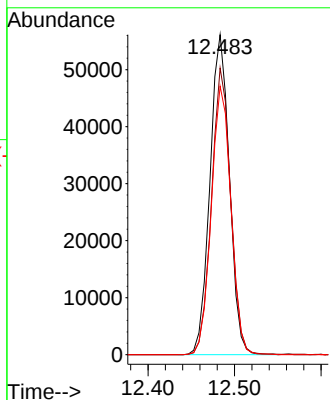
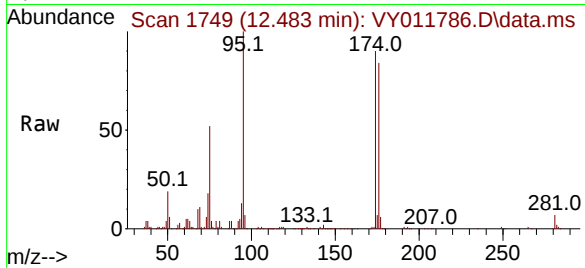




#62
4-Bromofluorobenzene
Concen: 30.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011786.D
Acq: 13 Dec 2022 12:24

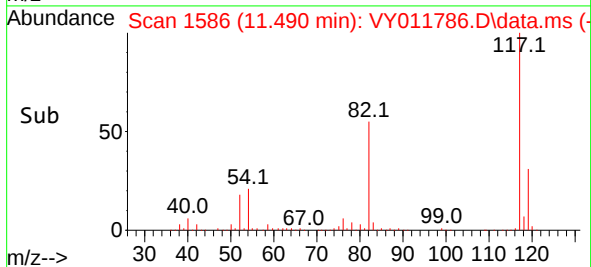
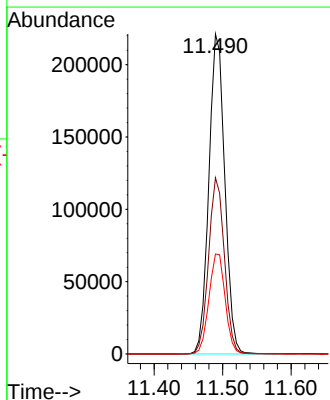
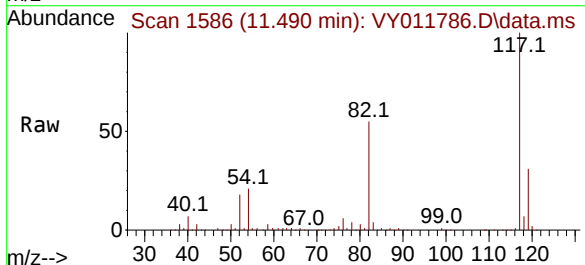
Instrument :
MSVOA_Y
ClientSampleId :
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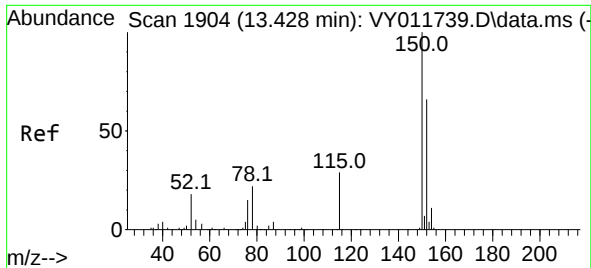
Tgt Ion: 95 Resp: 87705
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 84.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011786.D
Acq: 13 Dec 2022 12:24

Tgt Ion: 117 Resp: 357962
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 31.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011786.D

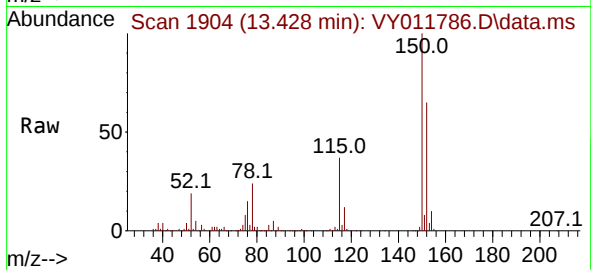
Acq: 13 Dec 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

WASTE



Tgt Ion:152 Resp: 109884

Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.3

150 156.1 0.0 342.6

