

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012191.D
 Acq On : 13 Jan 2023 15:34
 Operator : KP/MD
 Sample : N6245-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-COMP

Quant Time: Jan 16 08:18:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

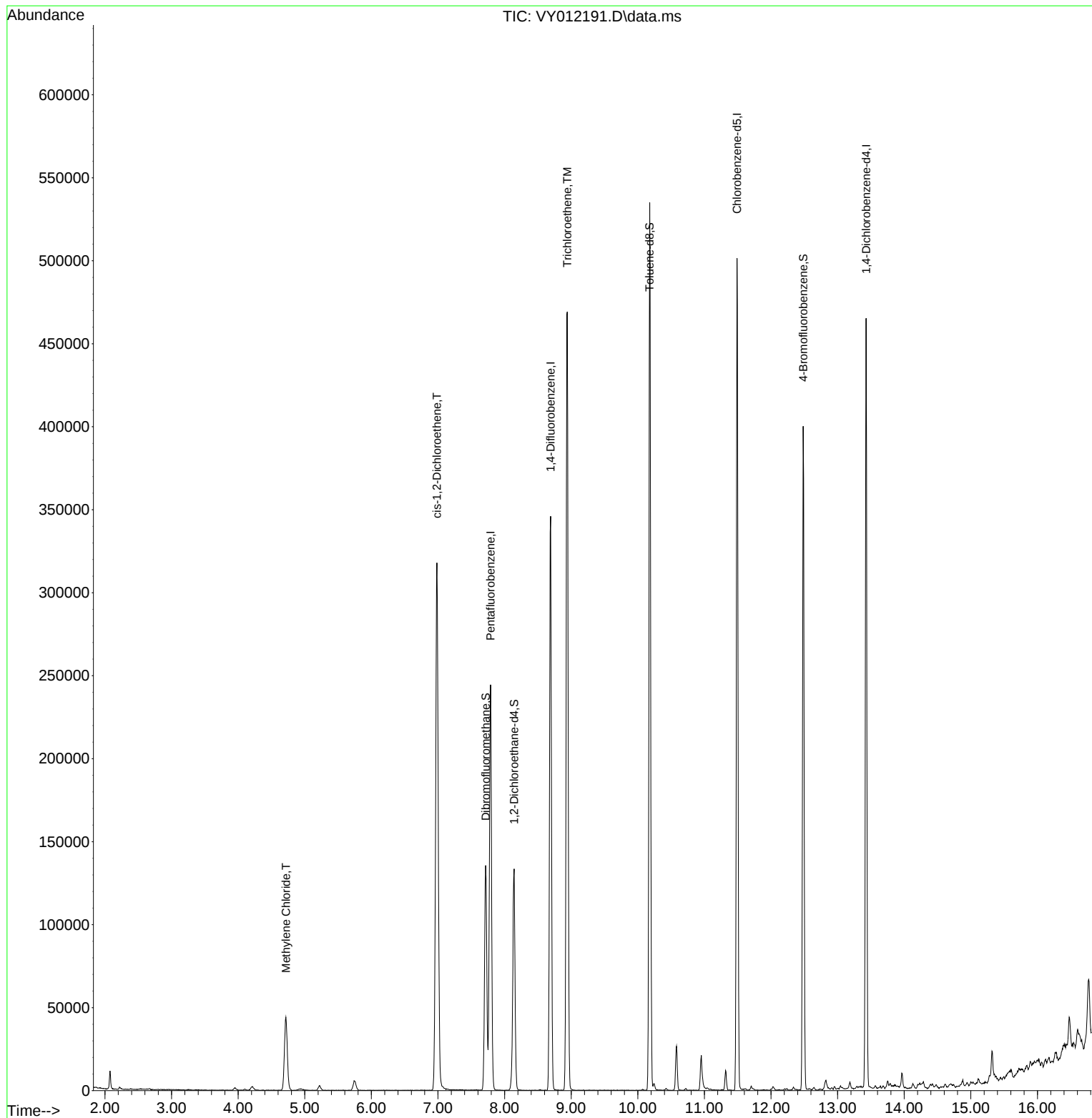
Internal Standards						
1) Pentafluorobenzene	7.789	168	190782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	305694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	107114	49.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.716	113	93666	46.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.179	98	359523	45.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.483	95	114131	41.171	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.340%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	35117	11.971	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	200346	85.017	ug/l	85
44) Trichloroethene	8.941	130	172934	66.674	ug/l	97

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

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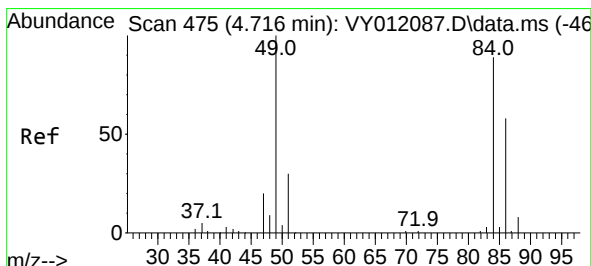
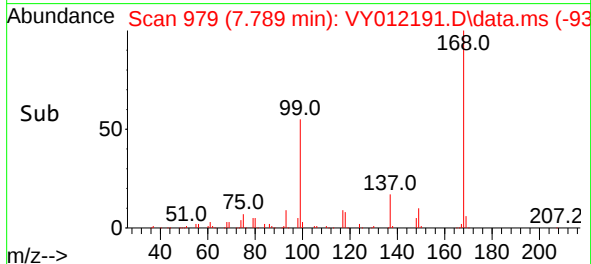
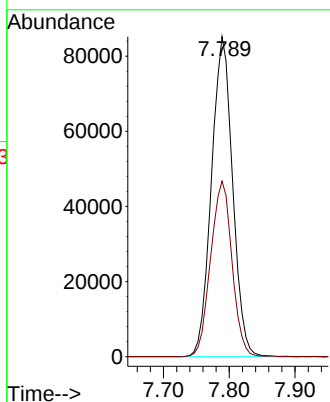
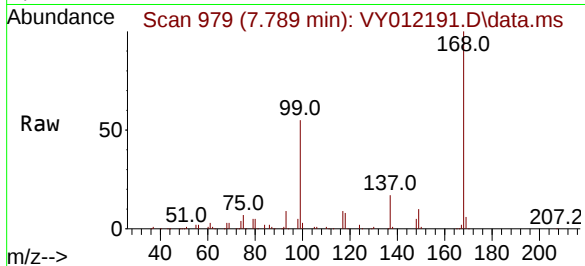




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012191.D
Acq: 13 Jan 2023 15:34

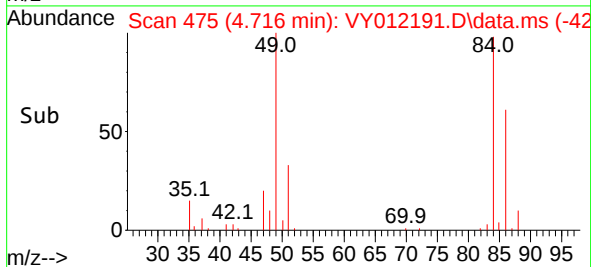
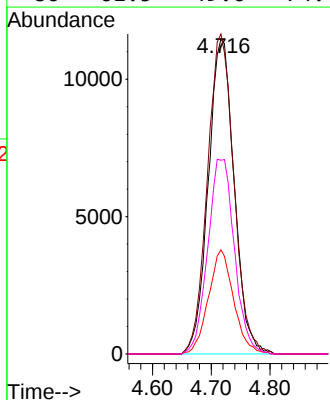
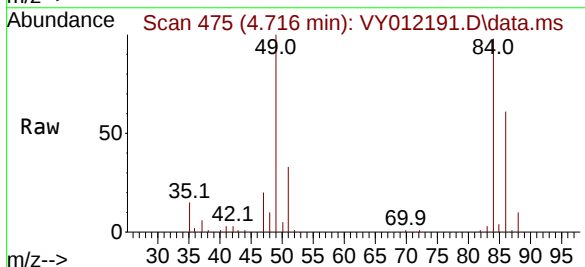
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-COMP

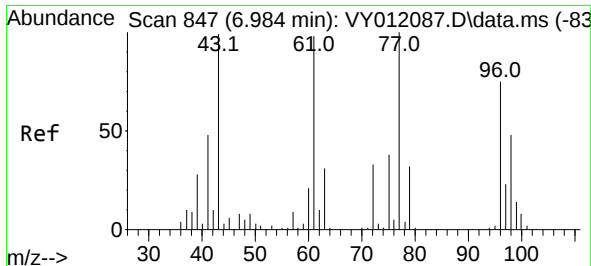
Tgt Ion:168 Resp: 190782
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#20
Methylene Chloride
Concen: 11.971 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012191.D
Acq: 13 Jan 2023 15:34

Tgt Ion: 84 Resp: 35117
Ion Ratio Lower Upper
84 100
49 101.6 95.4 143.2
51 33.1 29.9 44.9
86 61.5 49.6 74.4





#27

cis-1,2-Dichloroethene

Concen: 85.017 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012191.D

Acq: 13 Jan 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-COMP

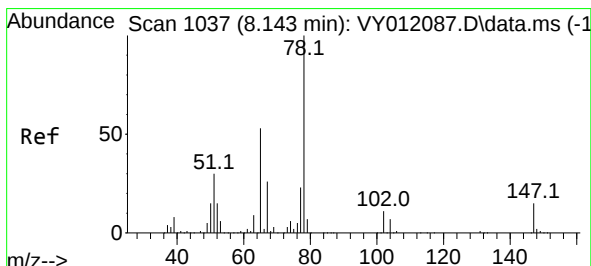
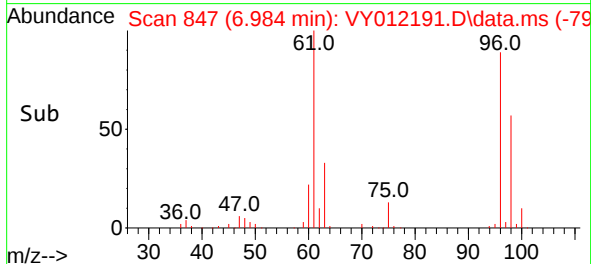
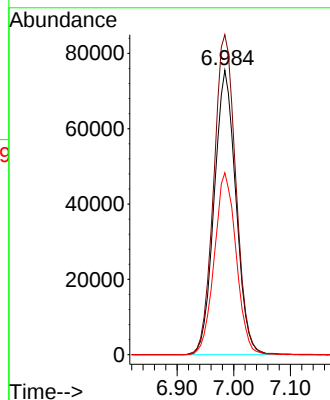
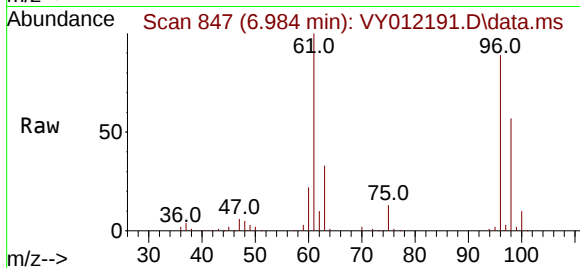
Tgt Ion: 96 Resp: 200346

Ion Ratio Lower Upper

96 100

61 114.7 0.0 283.4

98 64.4 0.0 127.6



#33

1,2-Dichloroethane-d4

Concen: 49.966 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012191.D

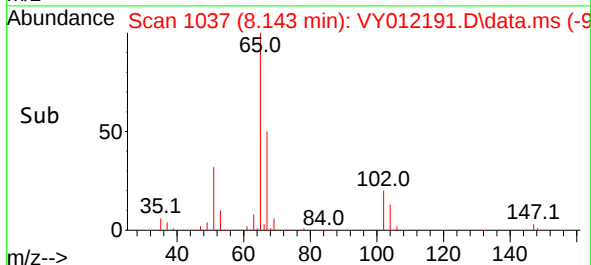
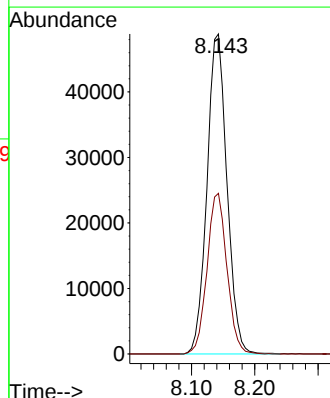
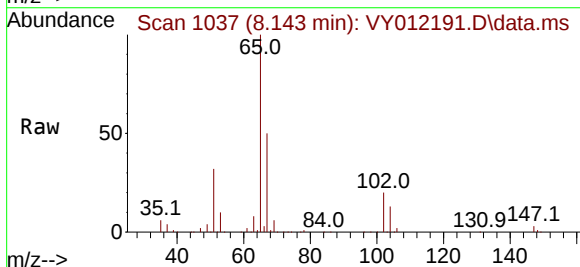
Acq: 13 Jan 2023 15:34

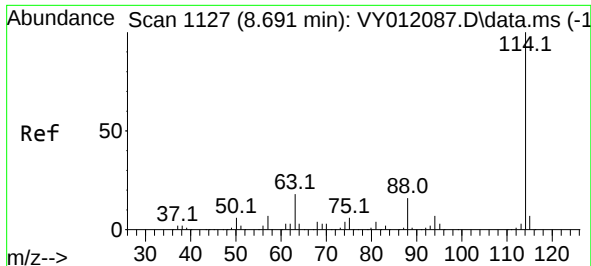
Tgt Ion: 65 Resp: 107114

Ion Ratio Lower Upper

65 100

67 50.0 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: VY012191.D

Acq: 13 Jan 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-COMP

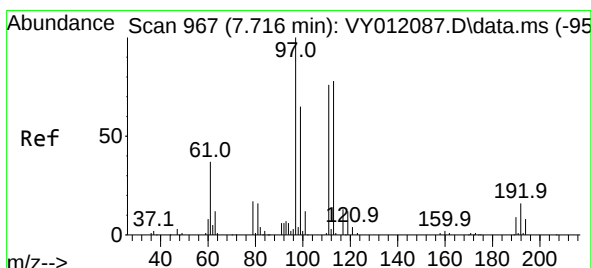
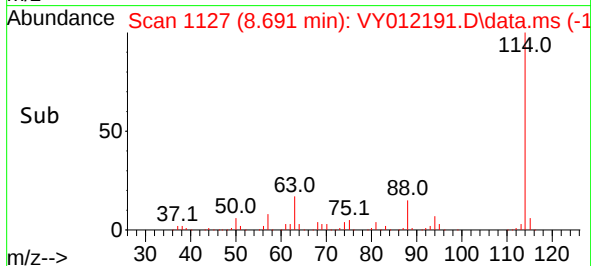
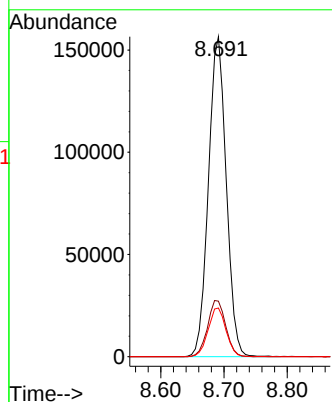
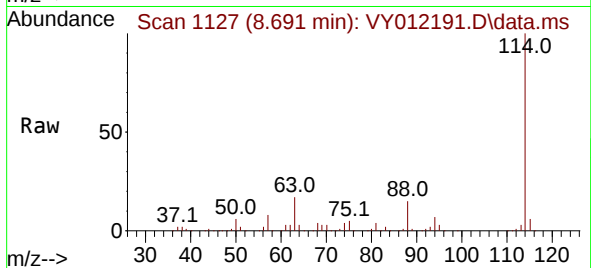
Tgt Ion:114 Resp: 305694

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 46.617 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012191.D

Acq: 13 Jan 2023 15:34

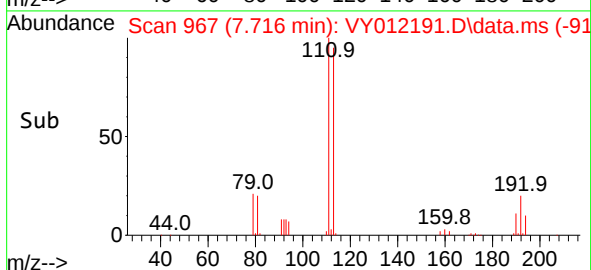
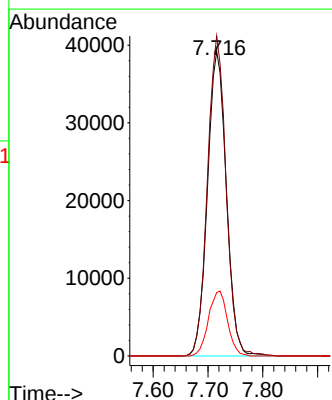
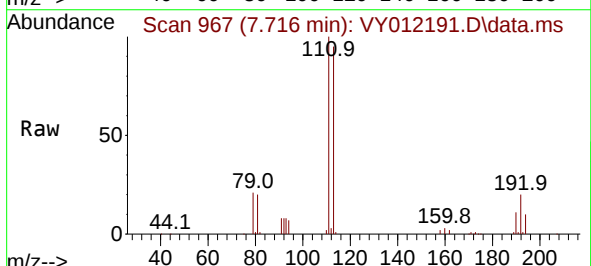
Tgt Ion:113 Resp: 93666

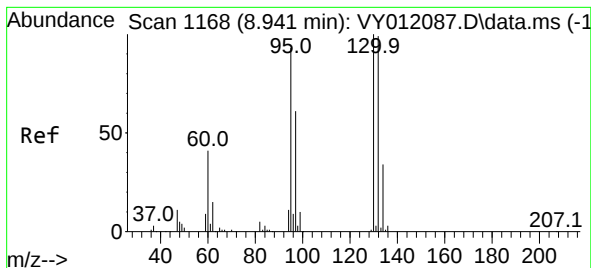
Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

192 21.5 16.0 24.0





#44

Trichloroethene

Concen: 66.674 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012191.D

Acq: 13 Jan 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

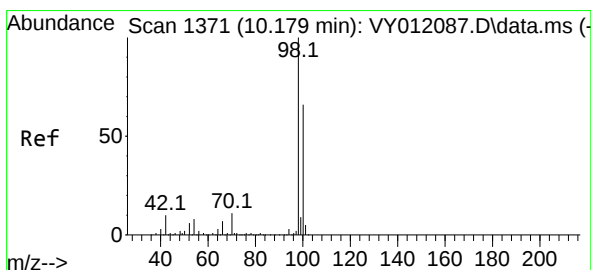
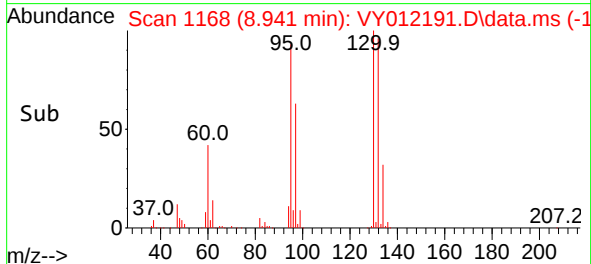
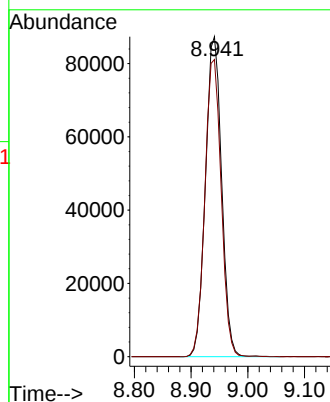
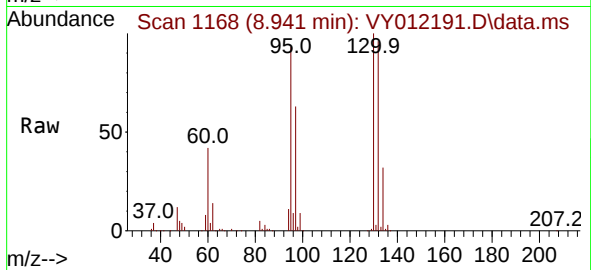
WASTE-COMP

Tgt Ion:130 Resp: 172934

Ion Ratio Lower Upper

130 100

95 92.8 0.0 190.6



#50

Toluene-d8

Concen: 45.333 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012191.D

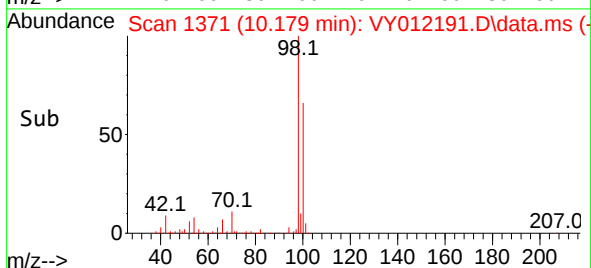
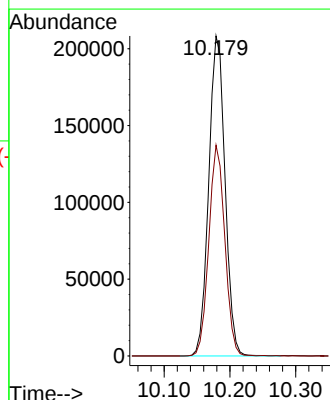
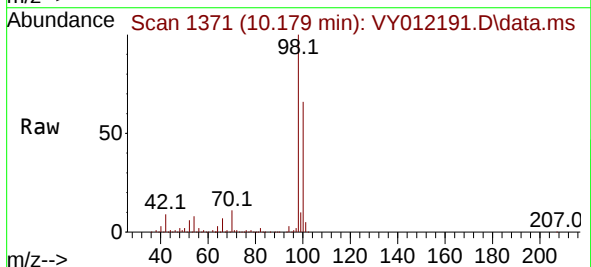
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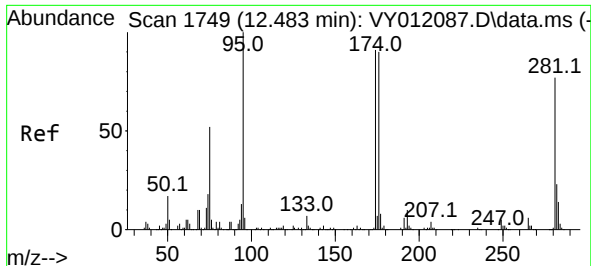
Tgt Ion: 98 Resp: 359523

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9

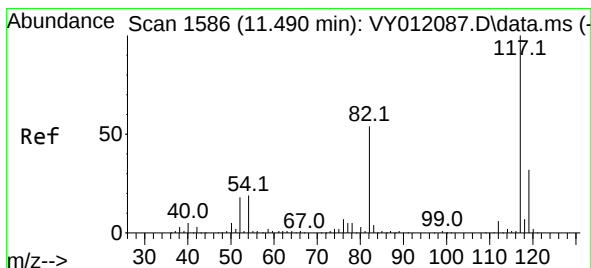
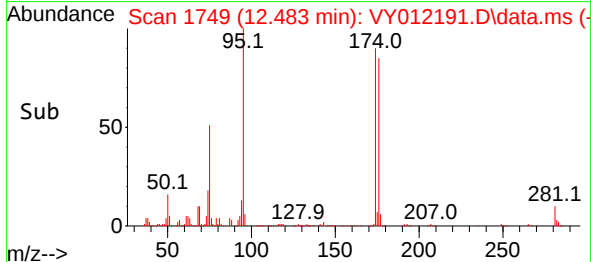
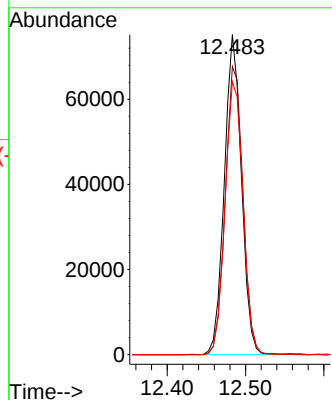
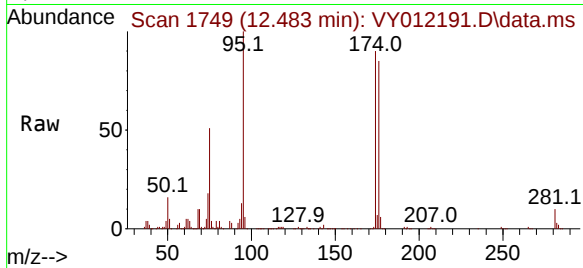




#62
4-Bromofluorobenzene
Concen: 41.171 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012191.D
Acq: 13 Jan 2023 15:34

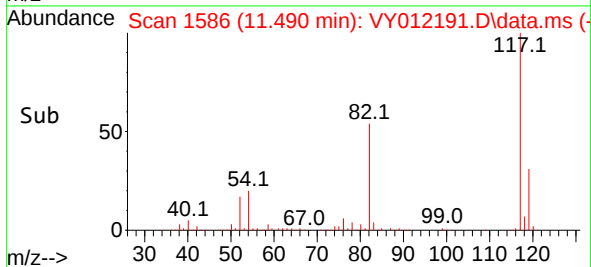
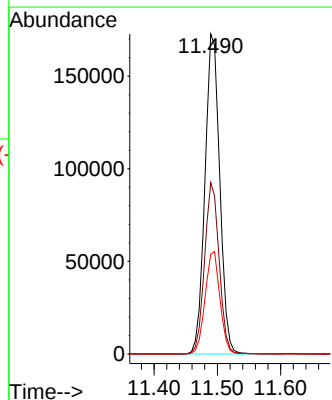
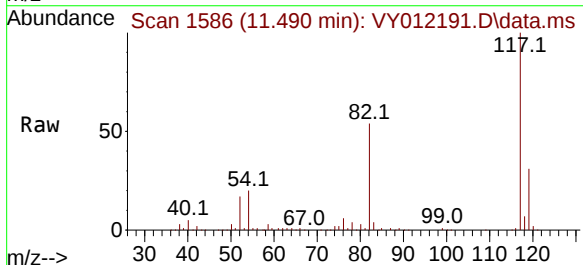
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-COMP

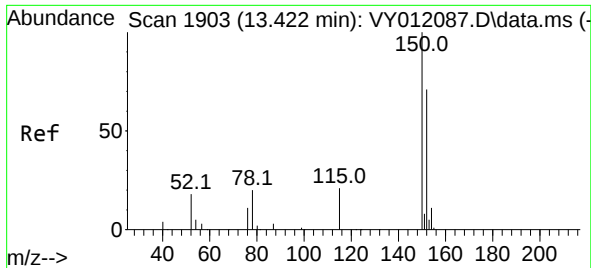
Tgt Ion: 95 Resp: 114131
Ion Ratio Lower Upper
95 100
174 93.5 0.0 172.0
176 89.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012191.D
Acq: 13 Jan 2023 15:34

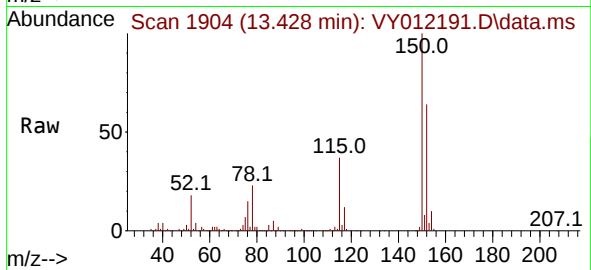
Tgt Ion: 117 Resp: 281690
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 31.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012191.D
 Acq: 13 Jan 2023 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-COMP



Tgt Ion:152 Resp: 122230
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.1 87.3
 150 158.8 0.0 342.6

