

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012045.D
 Acq On : 03 Jan 2023 14:35
 Operator : KP/MD
 Sample : N6245-03
 Misc : 3.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-VOC

Quant Time: Jan 04 01:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59655	50.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.480%	
35) Dibromofluoromethane	7.716	113	53764	48.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.960%	
50) Toluene-d8	10.179	98	215285	47.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.680%	
62) 4-Bromofluorobenzene	12.477	95	58085	38.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.760%	

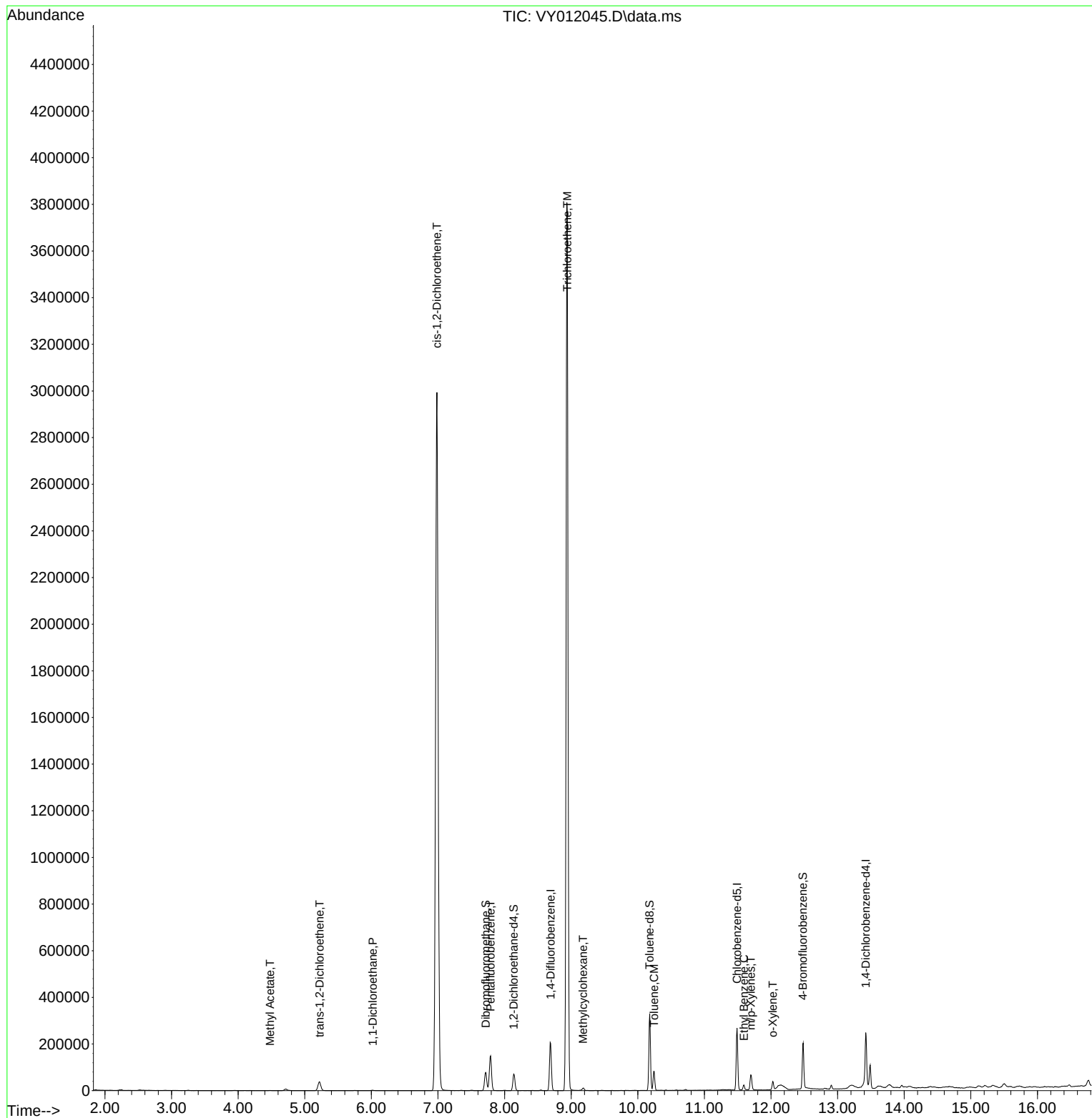
Target Compounds				Qvalue		
18) Methyl Acetate	4.478	43	1142	1.392	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	26645	21.031	ug/l	94
24) 1,1-Dichloroethane	6.021	63	2633	1.253	ug/l #	86
27) cis-1,2-Dichloroethene	6.984	96	1917146	1399.088	ug/l	86
39) Methylcyclohexane	9.179	83	5033	2.351	ug/l	88
44) Trichloroethene	8.941	130	1328382	925.726	ug/l	100
52) Toluene	10.246	92	35591	10.973	ug/l	96
67) Ethyl Benzene	11.593	91	13887	2.485	ug/l	96
68) m/p-Xylenes	11.697	106	21348	9.823	ug/l	97
69) o-Xylene	12.026	106	9526	4.711	ug/l	99

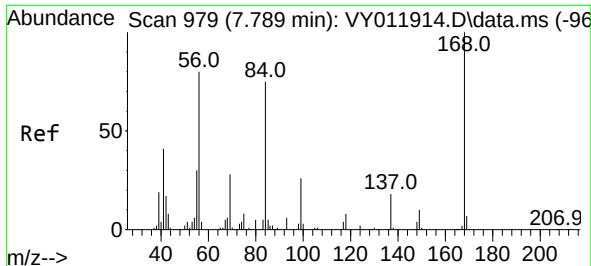
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

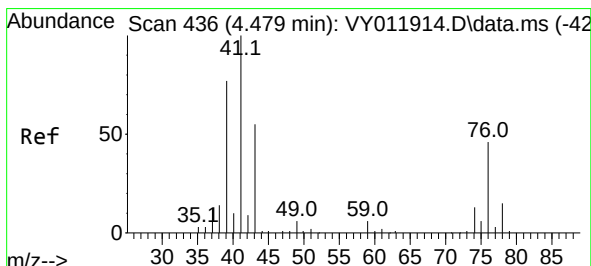
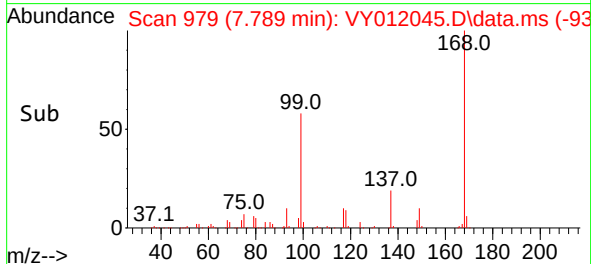
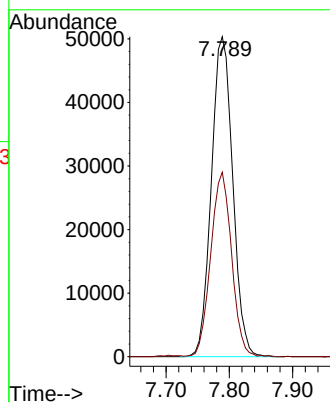
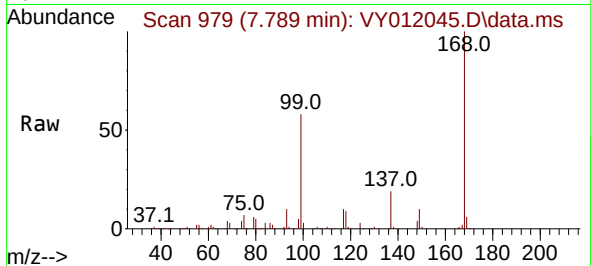




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

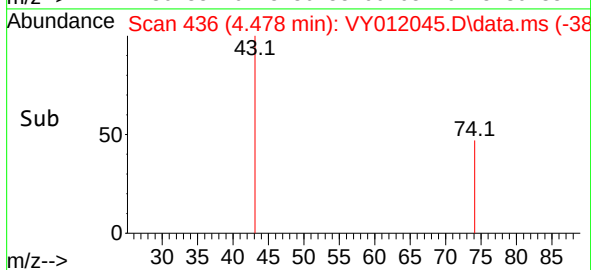
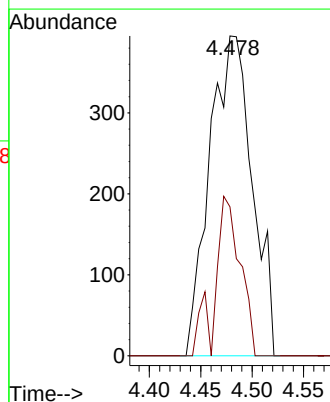
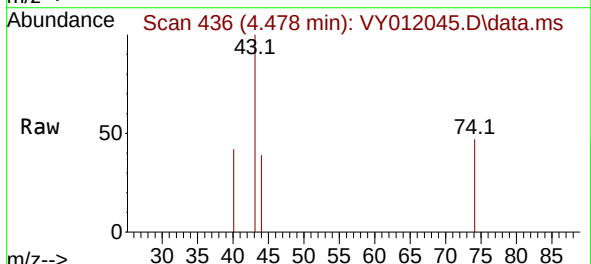
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

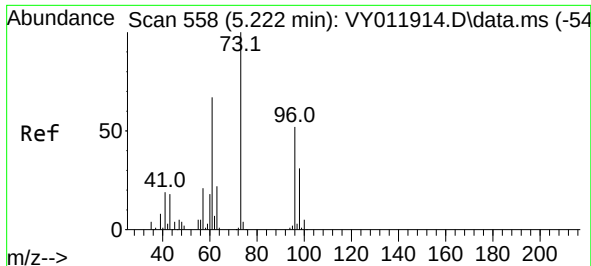
Tgt Ion:168 Resp: 117852
Ion Ratio Lower Upper
168 100
99 57.7 44.0 66.0



#18
Methyl Acetate
Concen: 1.392 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
74 29.6 20.1 30.1

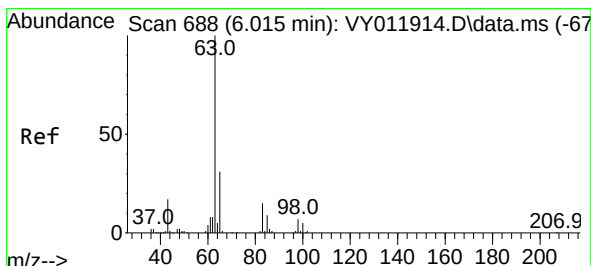
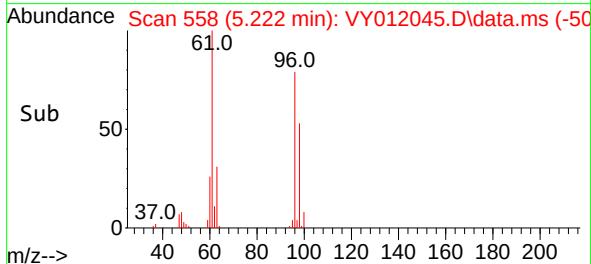
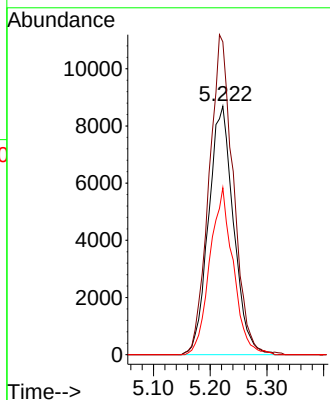
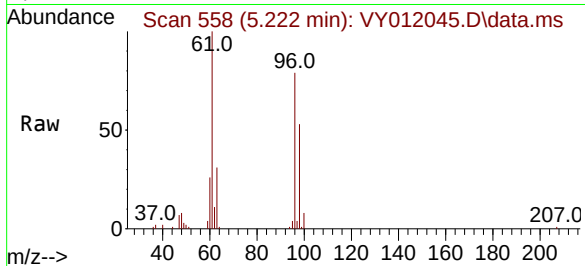




#21
trans-1,2-Dichloroethene
Concen: 21.031 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

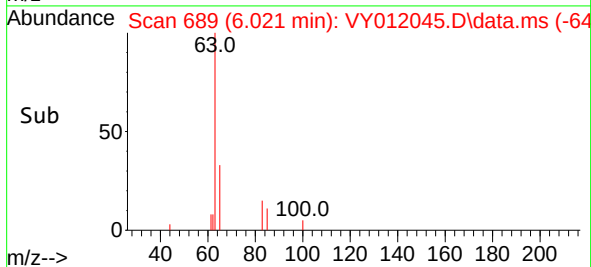
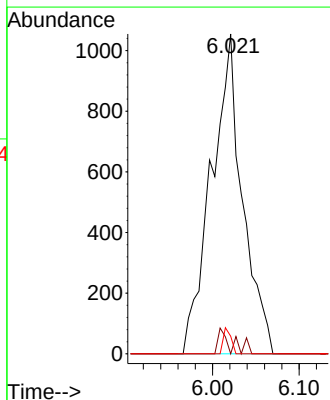
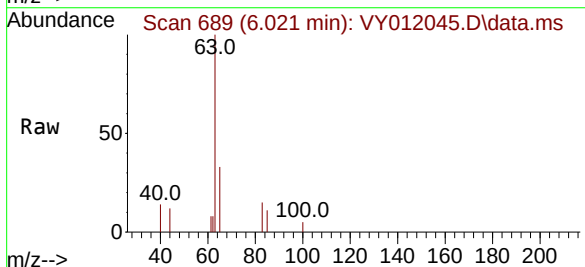
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

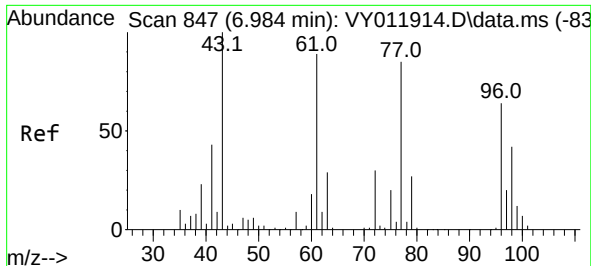
Tgt Ion: 96 Resp: 26645
Ion Ratio Lower Upper
96 100
61 125.9 108.0 162.0
98 67.2 51.6 77.4



#24
1,1-Dichloroethane
Concen: 1.253 ug/l
RT: 6.021 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

Tgt Ion: 63 Resp: 2633
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 5.5 2.2 6.6



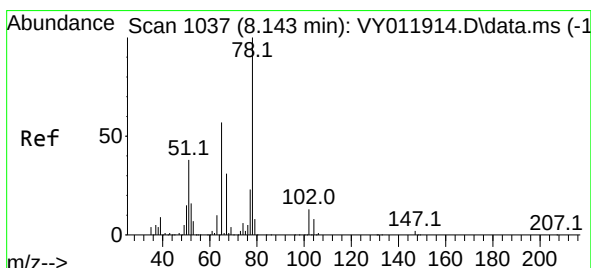
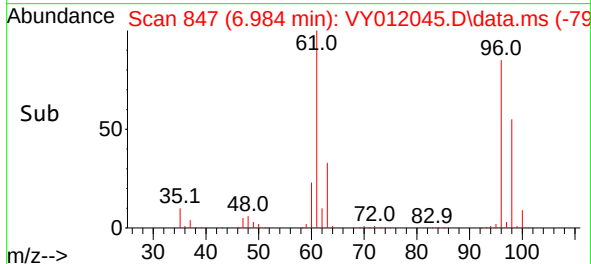
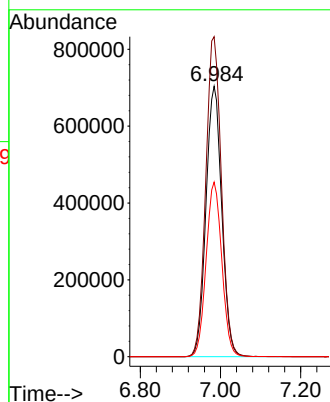
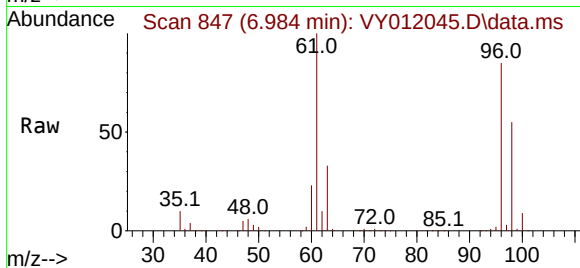


#27
 cis-1,2-Dichloroethene
 Concen: 1399.088 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012045.D
 Acq: 03 Jan 2023 14:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-VOC

Tgt Ion: 96 Resp: 1917146

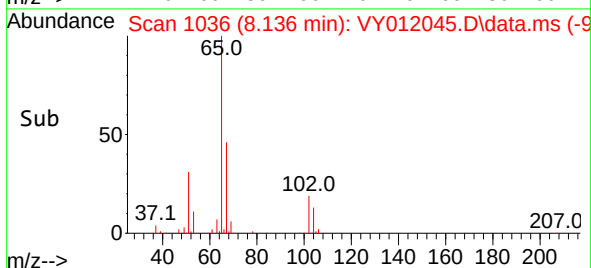
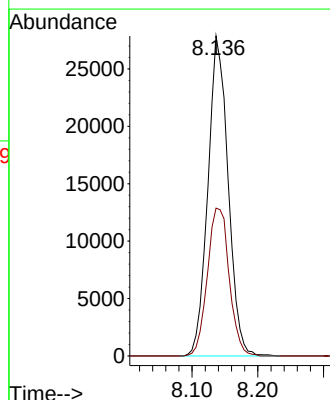
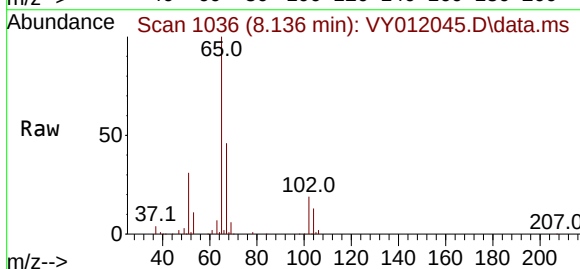
Ion	Ratio	Lower	Upper
96	100		
61	117.8	0.0	283.4
98	64.3	0.0	127.6

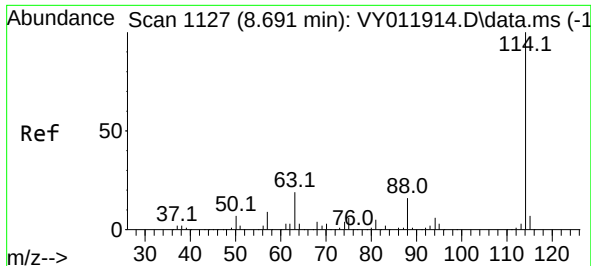


#33
 1,2-Dichloroethane-d4
 Concen: 50.243 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY012045.D
 Acq: 03 Jan 2023 14:35

Tgt Ion: 65 Resp: 59655

Ion	Ratio	Lower	Upper
65	100		
67	49.9	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: VY012045.D

Acq: 03 Jan 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-VOC

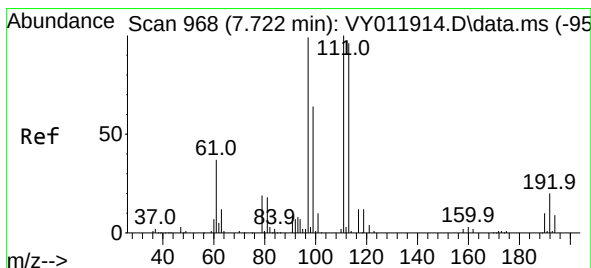
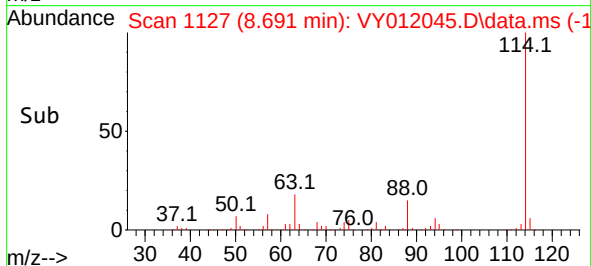
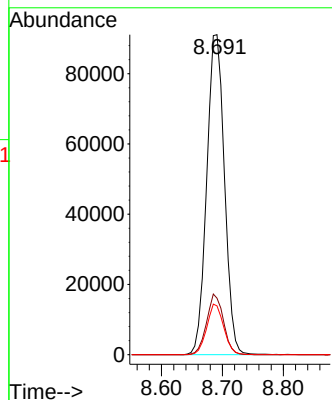
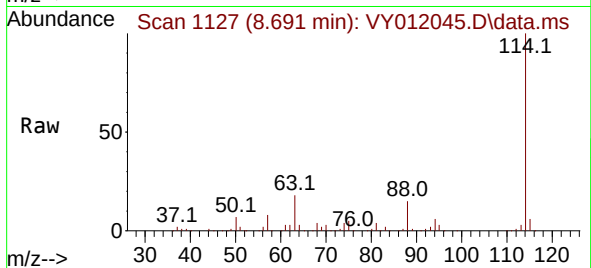
Tgt Ion:114 Resp: 184219

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.477 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012045.D

Acq: 03 Jan 2023 14:35

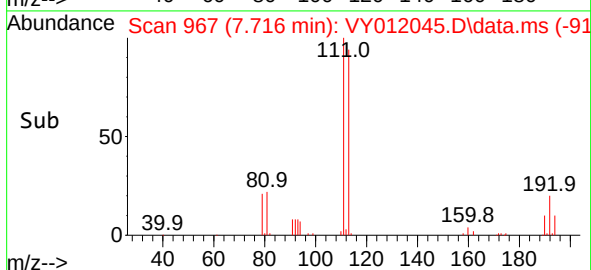
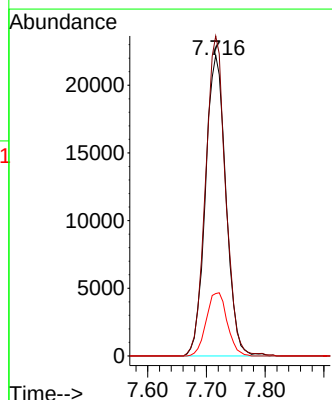
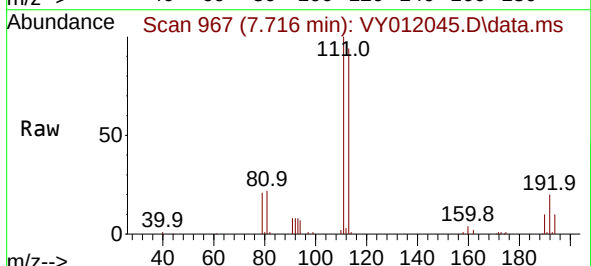
Tgt Ion:113 Resp: 53764

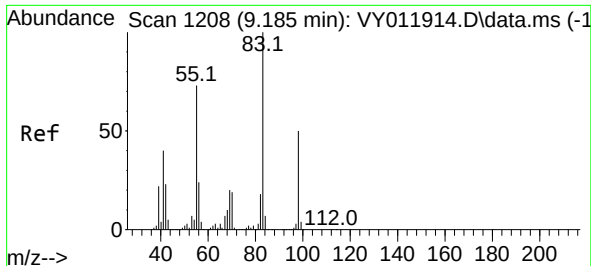
Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.4

192 21.5 16.0 24.0

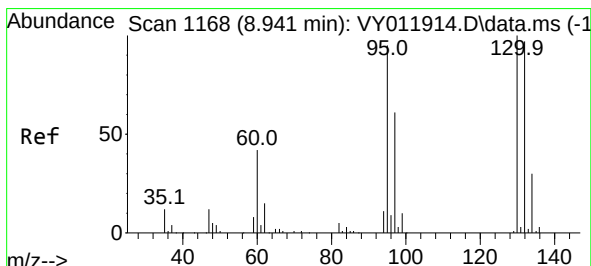
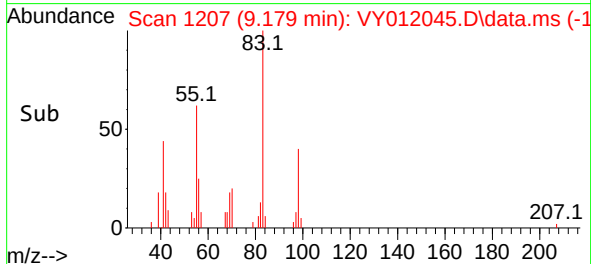
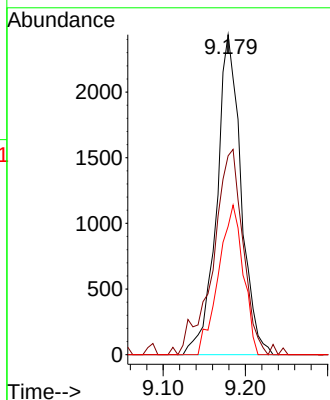
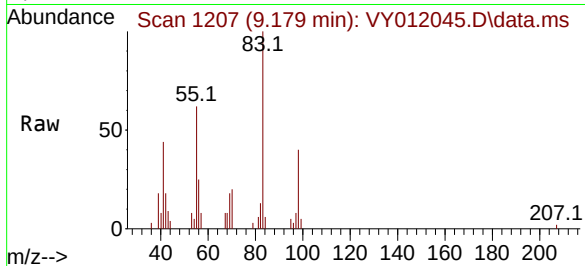




#39
Methylcyclohexane
Concen: 2.351 ug/l
RT: 9.179 min Scan# 1120
Delta R.T. -0.006 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

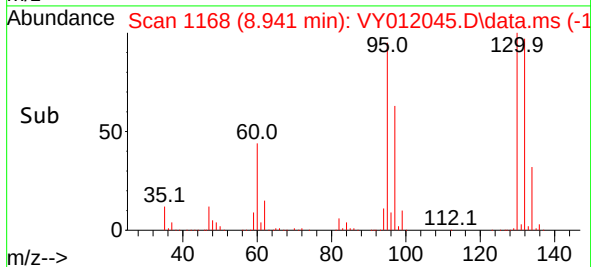
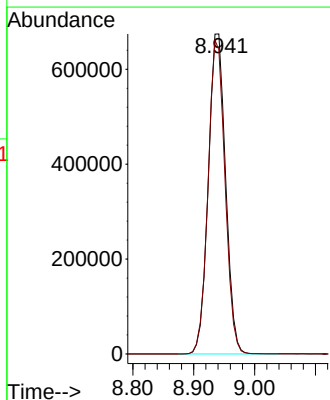
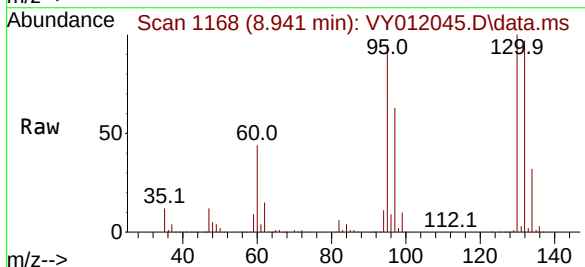
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

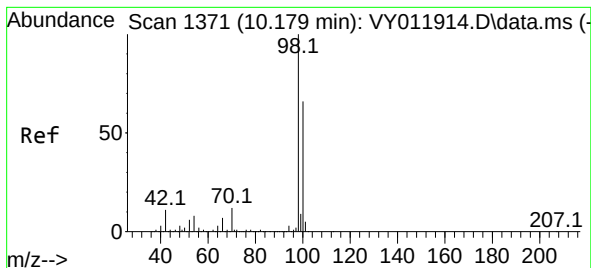
Tgt Ion: 83 Resp: 5033
Ion Ratio Lower Upper
83 100
55 62.2 58.2 87.2
98 40.1 38.6 58.0



#44
Trichloroethene
Concen: 925.726 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

Tgt Ion:130 Resp: 1328382
Ion Ratio Lower Upper
130 100
95 95.1 0.0 190.6

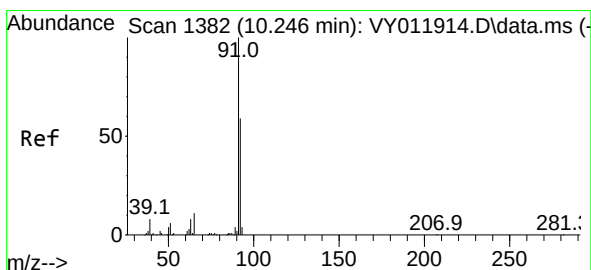
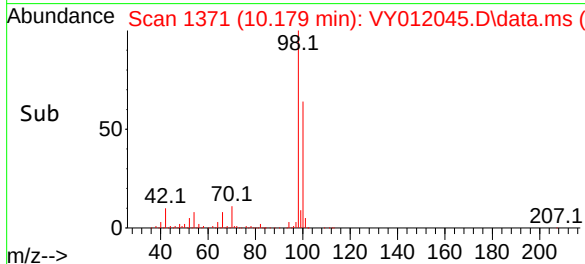
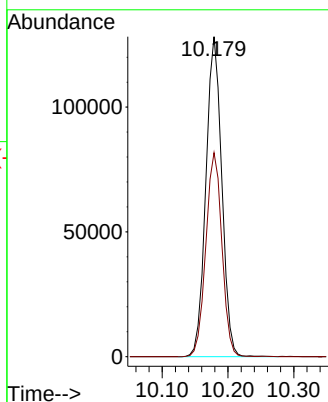
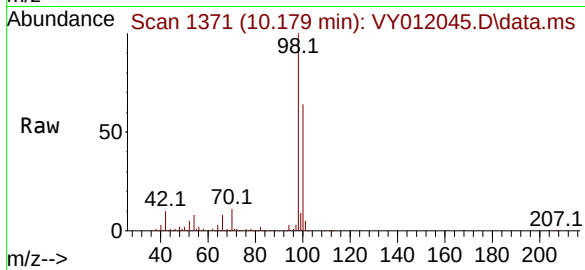




#50
Toluene-d8
Concen: 47.845 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

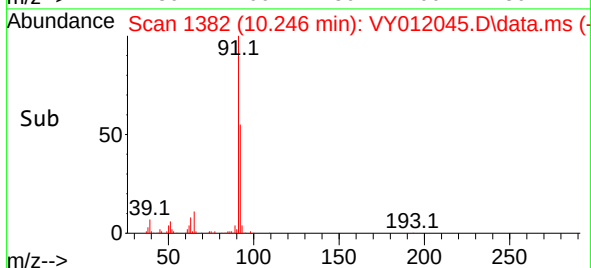
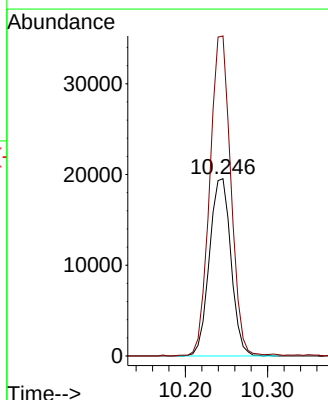
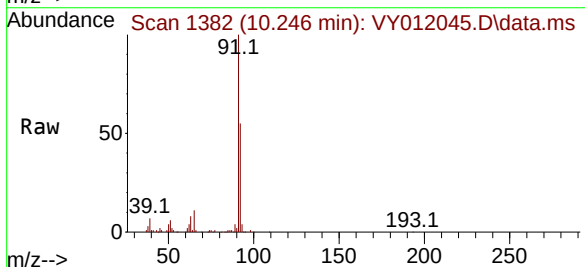
Instrument :
MSVOA_Y
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WASTE-VOC

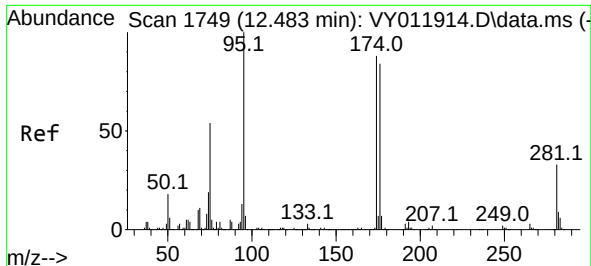
Tgt Ion: 98 Resp: 215285
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#52
Toluene
Concen: 10.973 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

Tgt Ion: 92 Resp: 35591
Ion Ratio Lower Upper
92 100
91 177.0 137.4 206.0

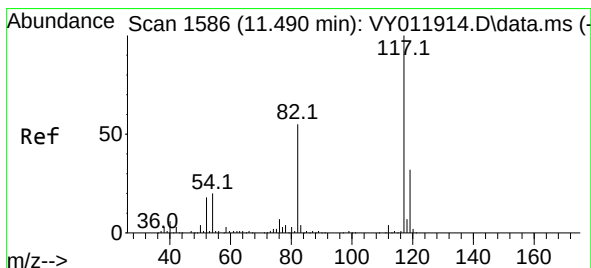
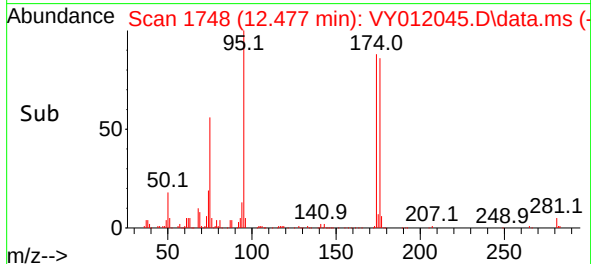
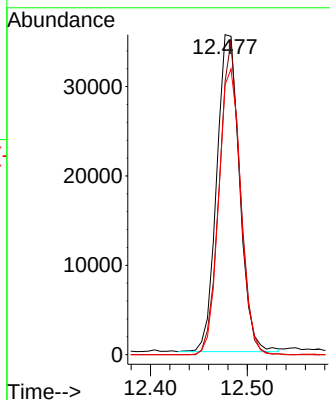
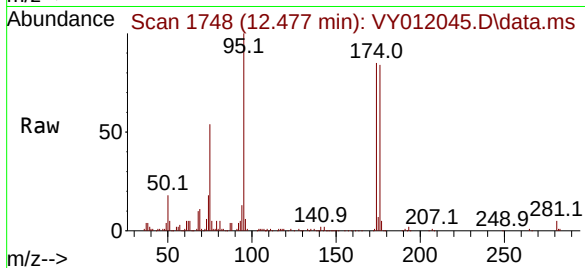




#62
4-Bromofluorobenzene
Concen: 38.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

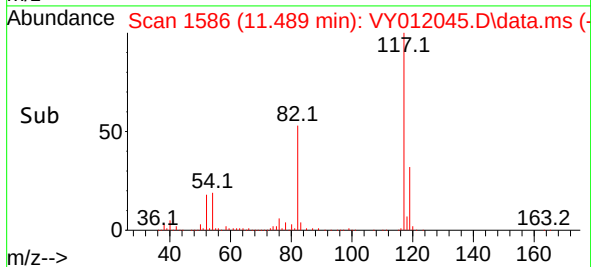
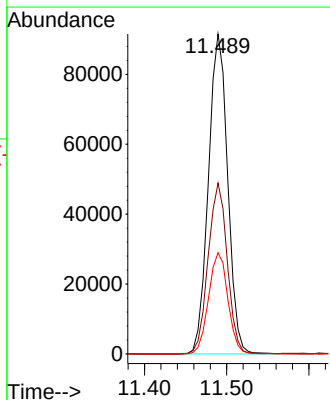
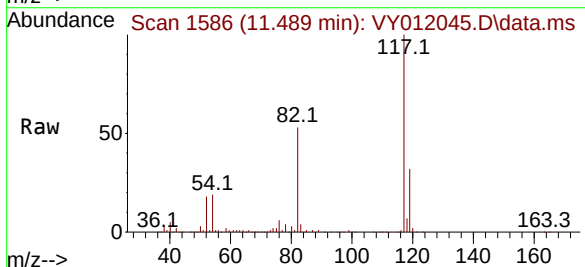
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-VOC

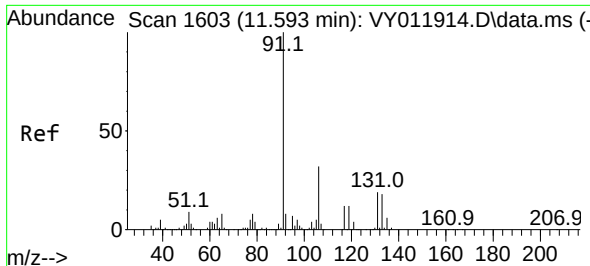
Tgt Ion: 95 Resp: 58085
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 87.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012045.D
Acq: 03 Jan 2023 14:35

Tgt Ion: 117 Resp: 148890
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 31.7 25.4 38.2





#67

Ethyl Benzene

Concen: 2.485 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012045.D

Acq: 03 Jan 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

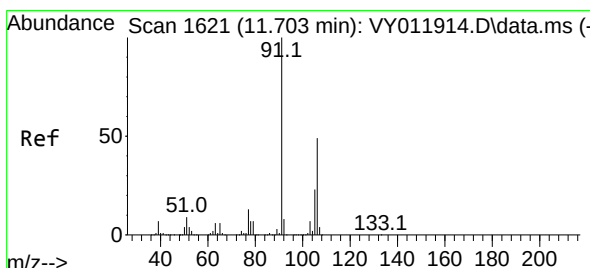
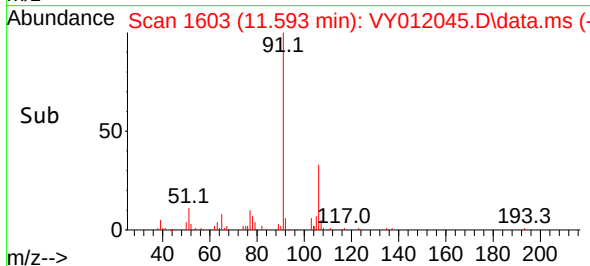
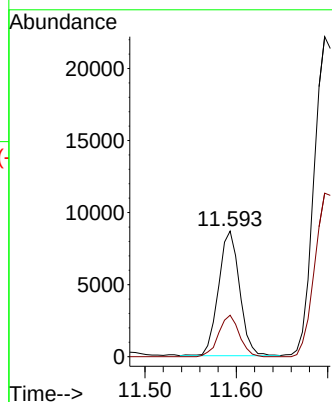
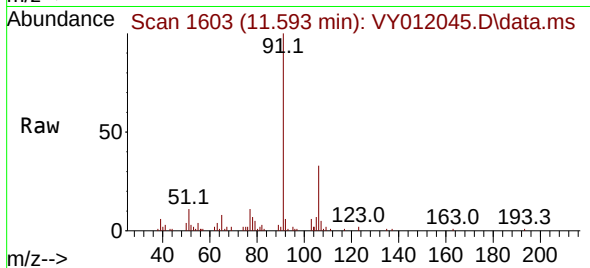
WASTE-VOC

Tgt Ion: 91 Resp: 13887

Ion Ratio Lower Upper

91 100

106 33.2 25.0 37.4



#68

m/p-Xylenes

Concen: 9.823 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY012045.D

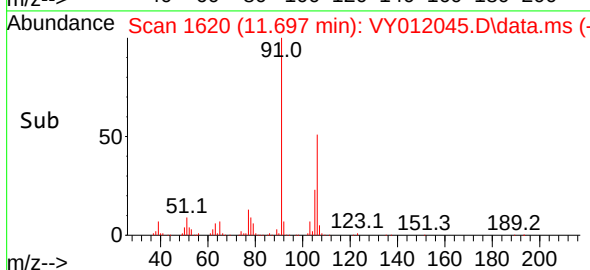
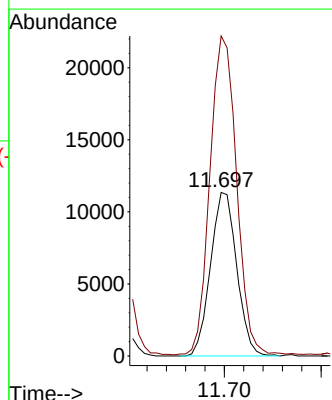
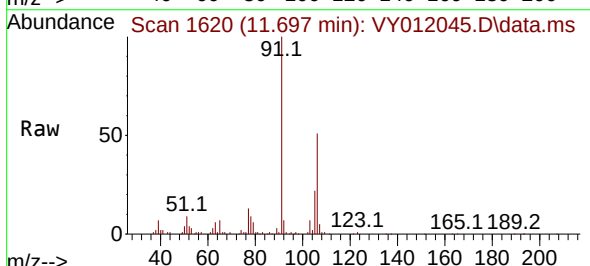
Acq: 03 Jan 2023 14:35

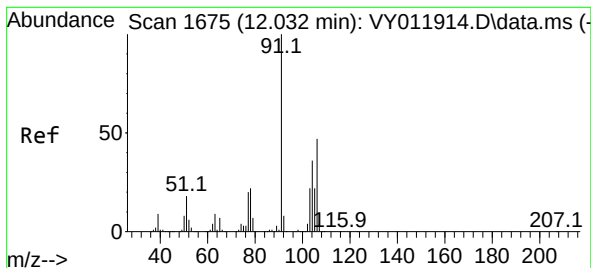
Tgt Ion: 106 Resp: 21348

Ion Ratio Lower Upper

106 100

91 198.4 162.5 243.7





#69

o-Xylene

Concen: 4.711 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012045.D

Acq: 03 Jan 2023 14:35

Instrument :

MSVOA_Y

ClientSampleId :

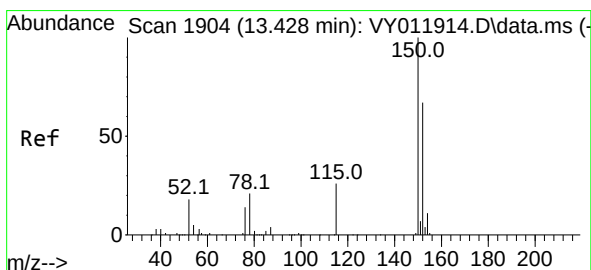
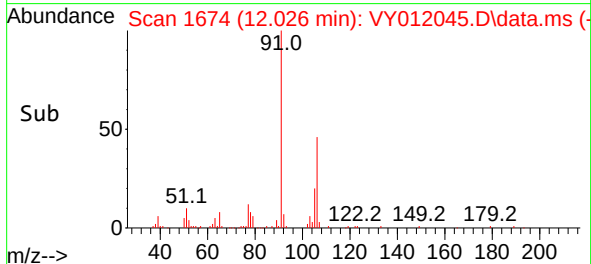
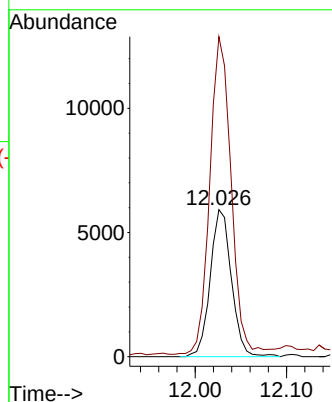
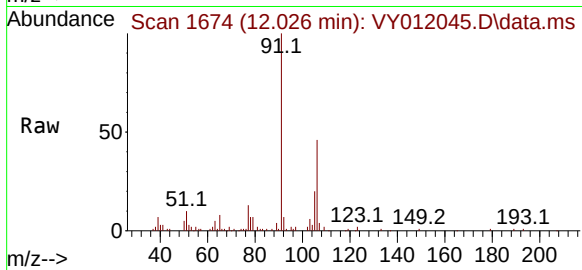
WASTE-VOC

Tgt Ion:106 Resp: 9526

Ion Ratio Lower Upper

106 100

91 217.3 107.5 322.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012045.D

Acq: 03 Jan 2023 14:35

Tgt Ion:152 Resp: 57443

Ion Ratio Lower Upper

152 100

115 55.5 29.1 87.3

150 155.5 0.0 342.6

