

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012044.D
 Acq On : 03 Jan 2023 14:11
 Operator : KP/MD
 Sample : N6245-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE-COMP

Quant Time: Jan 04 01:17:50 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)

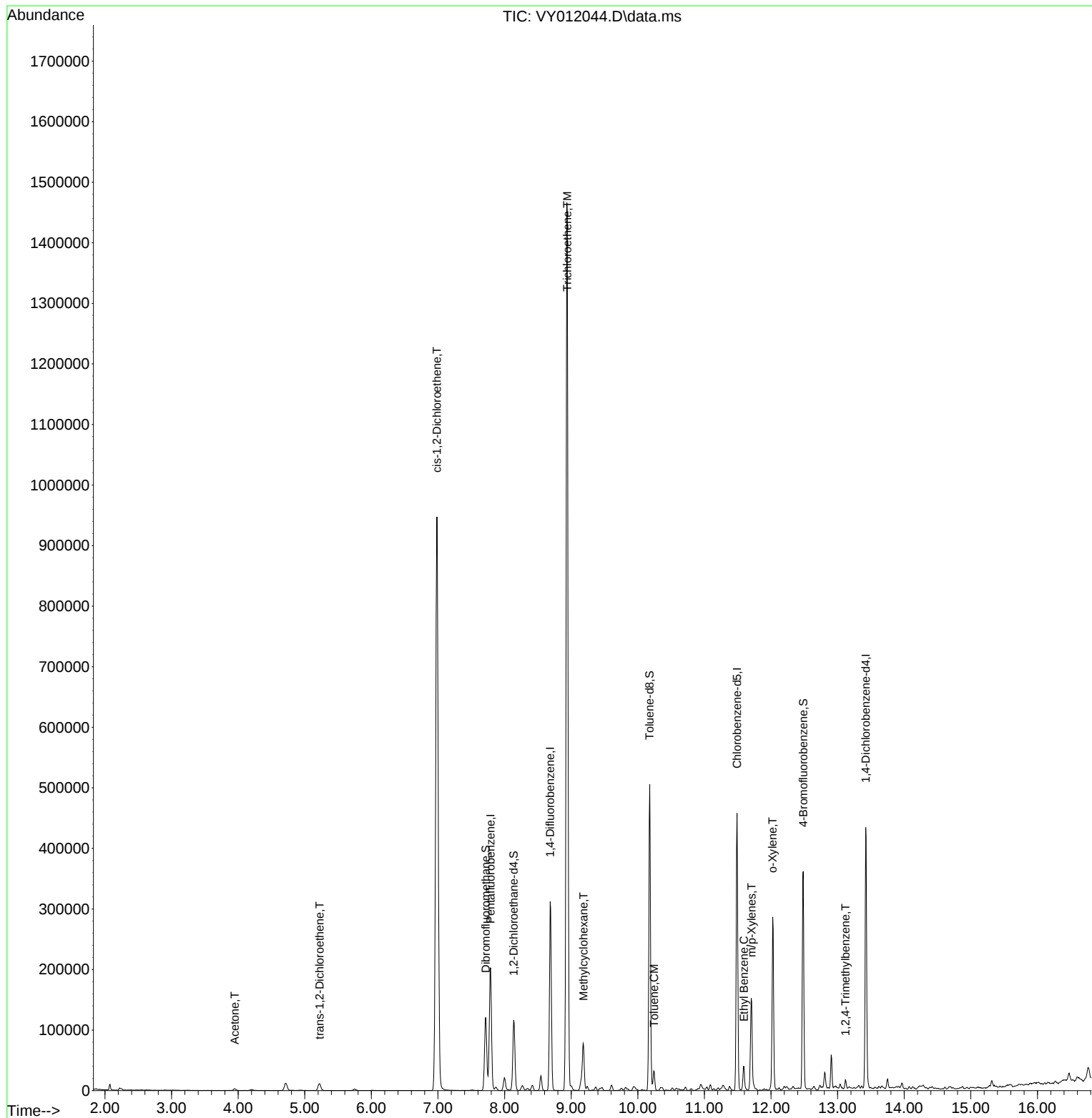
Internal Standards						
1) Pentafluorobenzene	7.789	168	156385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	253967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93570	59.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.780%			
35) Dibromofluoromethane	7.716	113	81925	50.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.400%			
50) Toluene-d8	10.179	98	325922	49.223	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.483	95	108213	48.594	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.180%			
Target Compounds						Qvalue
16) Acetone	3.948	43	5260	15.839	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	7745	4.607	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	605316	332.900	ug/l	85
39) Methylcyclohexane	9.185	83	34436	10.933	ug/l	97
44) Trichloroethene	8.941	130	513518	243.194	ug/l	99
52) Toluene	10.246	92	13675	2.865	ug/l	99
67) Ethyl Benzene	11.593	91	26615	2.792	ug/l	97
68) m/p-Xylenes	11.709	106	44281	11.945	ug/l	100
69) o-Xylene	12.026	106	74947	21.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	7960	1.117	ug/l	99

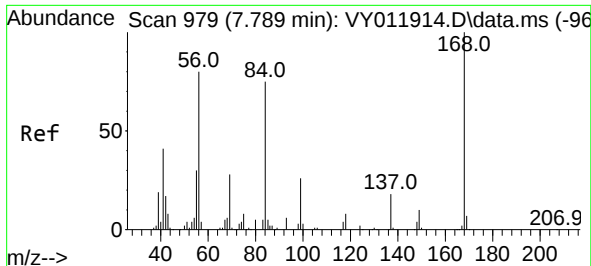
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

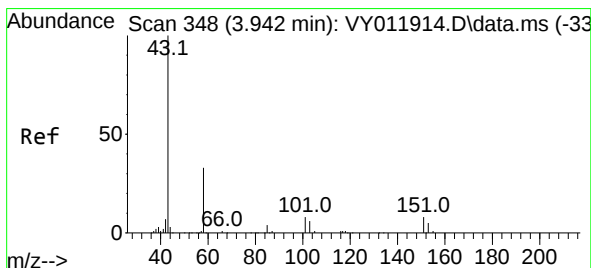
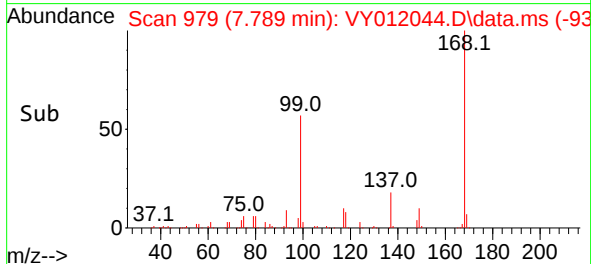
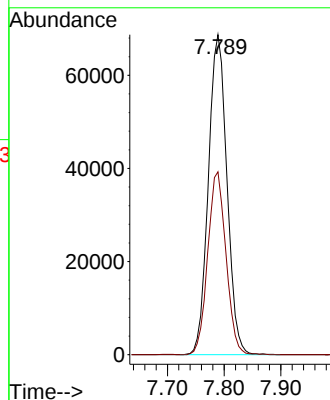
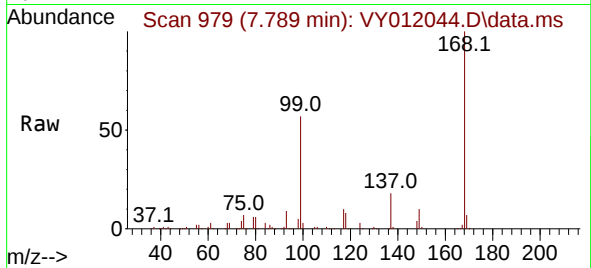




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

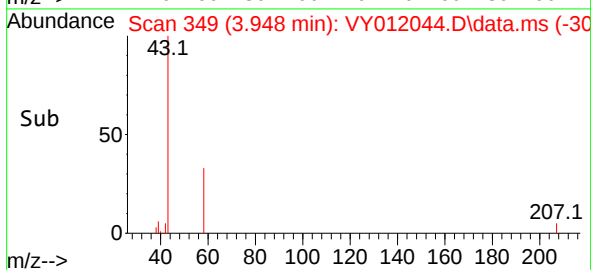
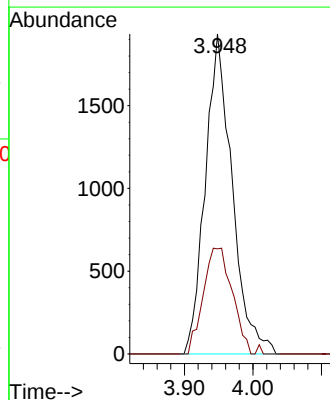
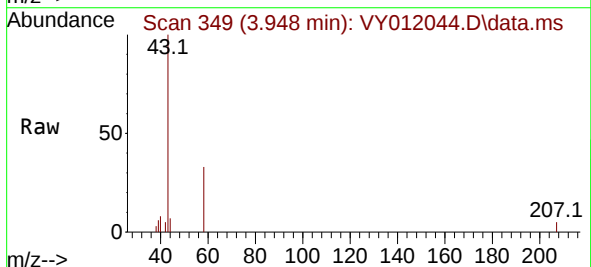
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-COMP

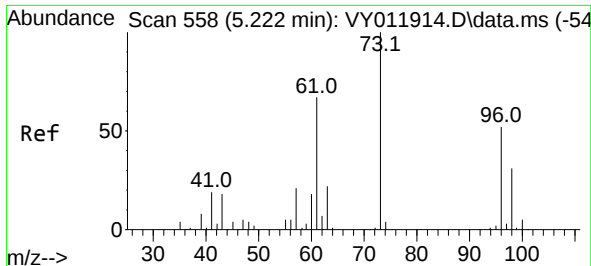
Tgt Ion:168 Resp: 156385
Ion Ratio Lower Upper
168 100
99 57.2 44.0 66.0



#16
Acetone
Concen: 15.839 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

Tgt Ion: 43 Resp: 5260
Ion Ratio Lower Upper
43 100
58 32.9 27.9 41.9





#21

trans-1,2-Dichloroethene

Concen: 4.607 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY012044.D

Acq: 03 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-COMP

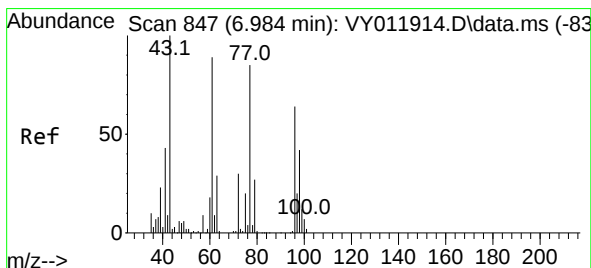
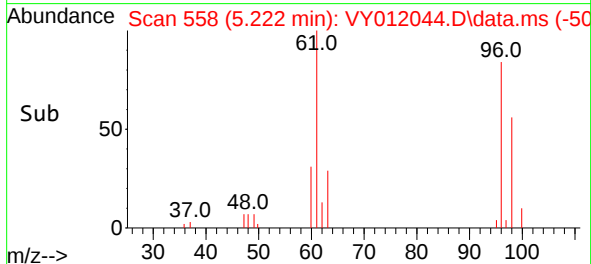
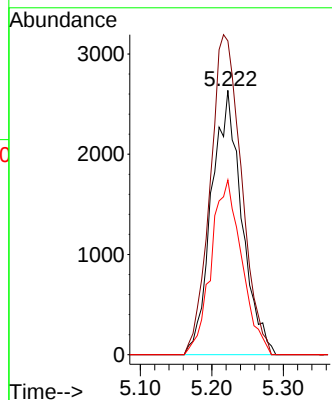
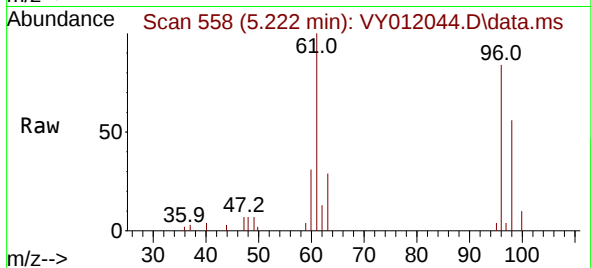
Tgt Ion: 96 Resp: 7745

Ion Ratio Lower Upper

96 100

61 118.7 108.0 162.0

98 66.1 51.6 77.4



#27

cis-1,2-Dichloroethene

Concen: 332.900 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012044.D

Acq: 03 Jan 2023 14:11

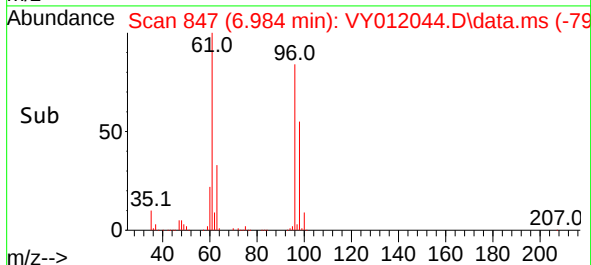
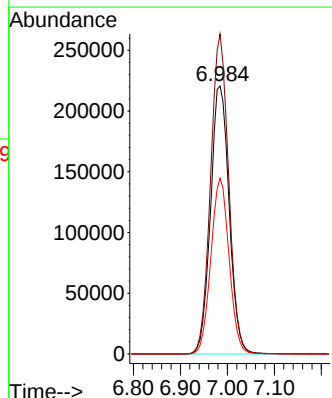
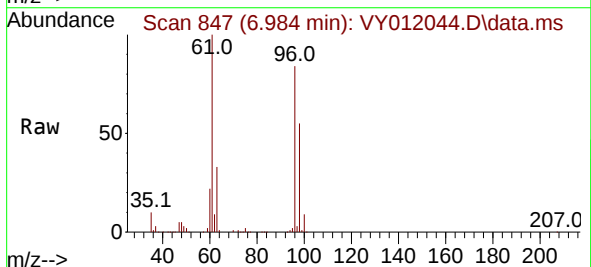
Tgt Ion: 96 Resp: 605316

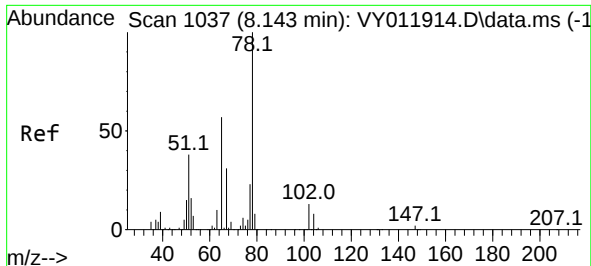
Ion Ratio Lower Upper

96 100

61 115.9 0.0 283.4

98 64.3 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 59.389 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012044.D

Acq: 03 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

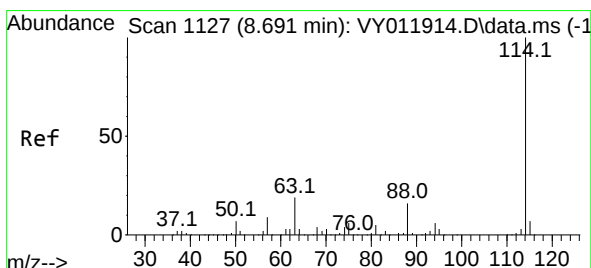
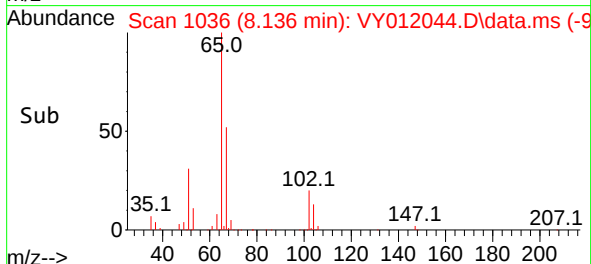
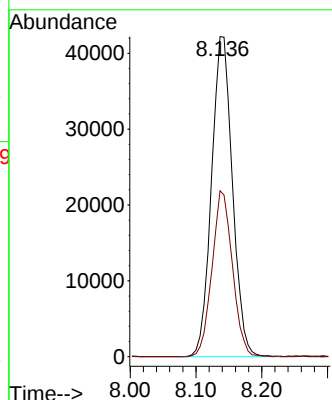
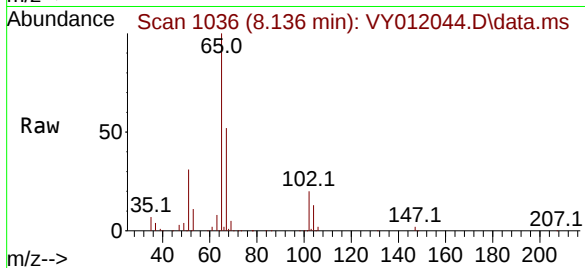
WASTE-COMP

Tgt Ion: 65 Resp: 93570

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012044.D

Acq: 03 Jan 2023 14:11

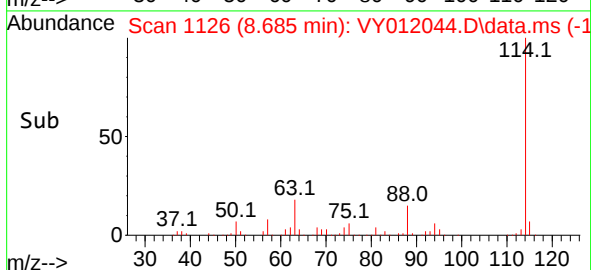
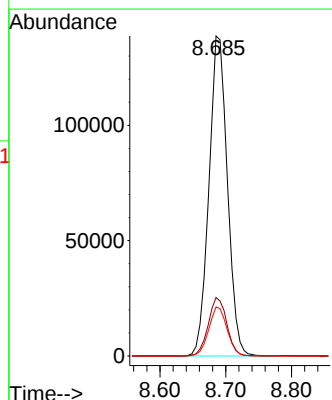
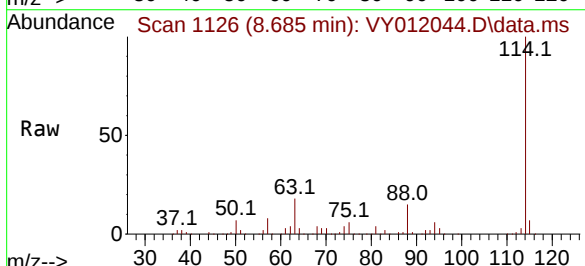
Tgt Ion: 114 Resp: 271080

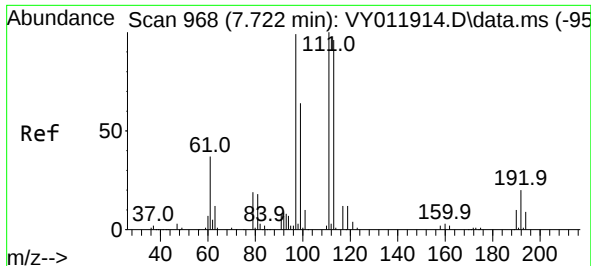
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.3 0.0 32.2

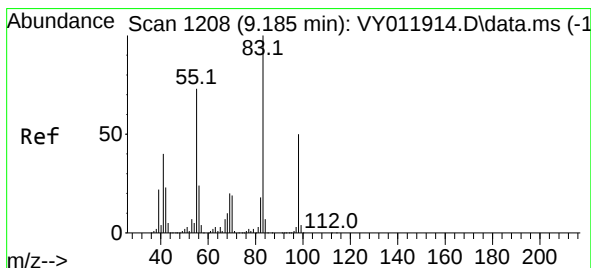
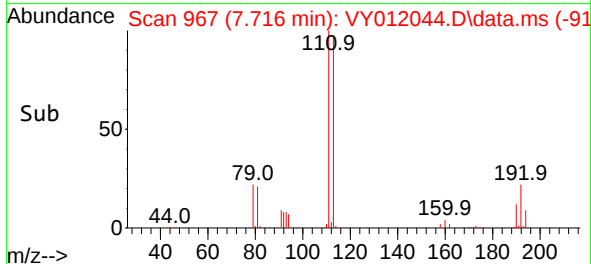
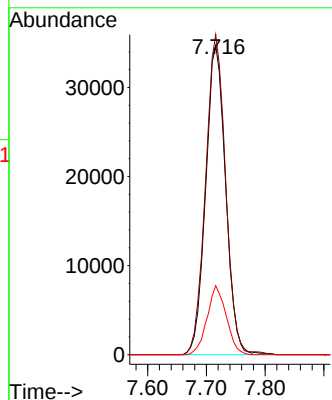
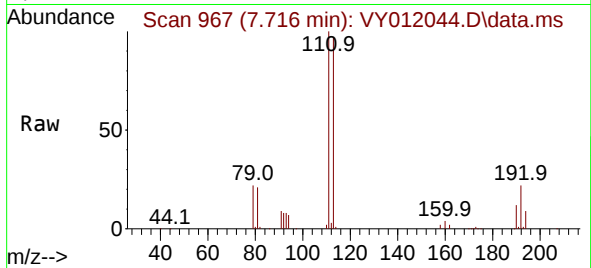




#35
Dibromofluoromethane
Concen: 50.200 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

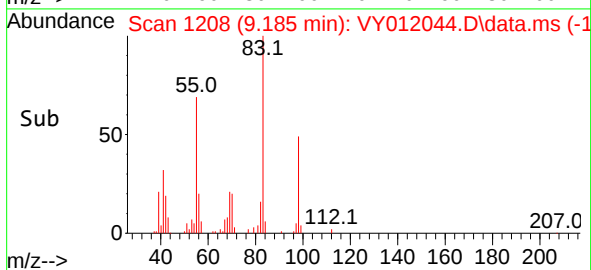
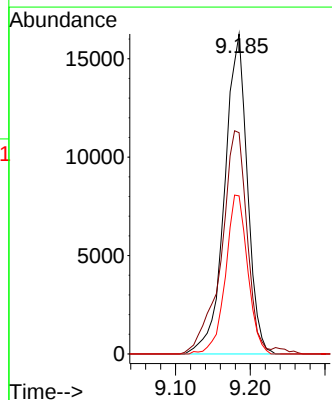
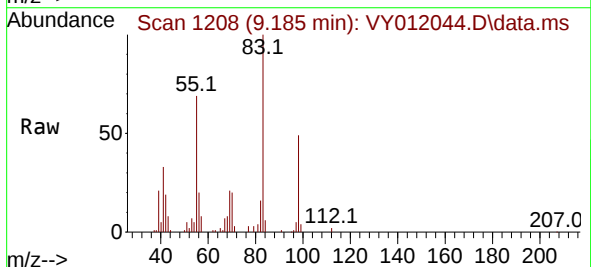
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-COMP

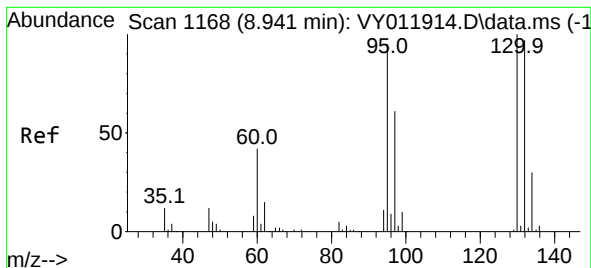
Tgt Ion:113 Resp: 81925
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.4
192 21.5 16.0 24.0



#39
Methylcyclohexane
Concen: 10.933 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

Tgt Ion: 83 Resp: 34436
Ion Ratio Lower Upper
83 100
55 69.1 58.2 87.2
98 49.4 38.6 58.0





#44

Trichloroethene

Concen: 243.194 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012044.D

Acq: 03 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

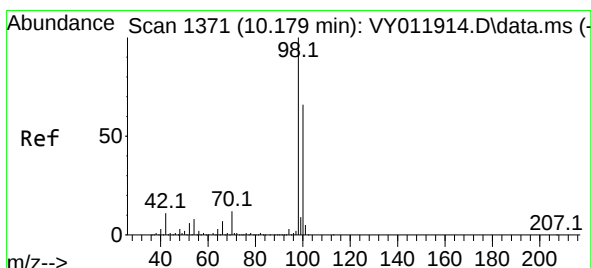
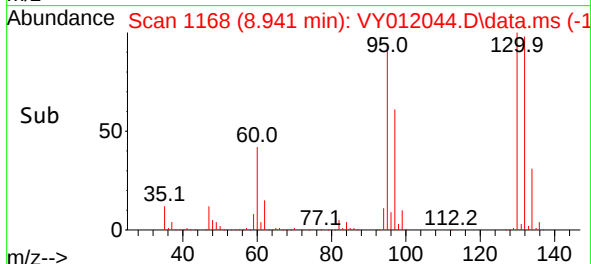
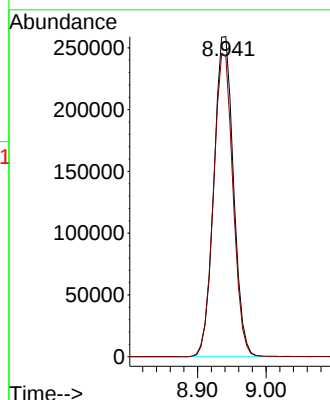
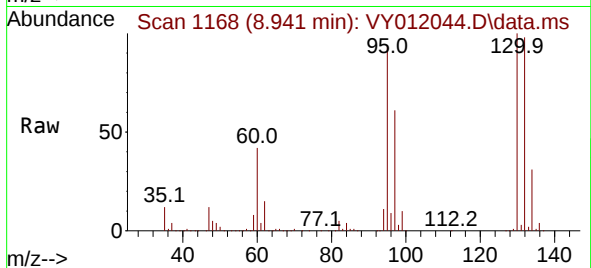
WASTE-COMP

Tgt Ion:130 Resp: 513518

Ion Ratio Lower Upper

130 100

95 93.9 0.0 190.6



#50

Toluene-d8

Concen: 49.223 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012044.D

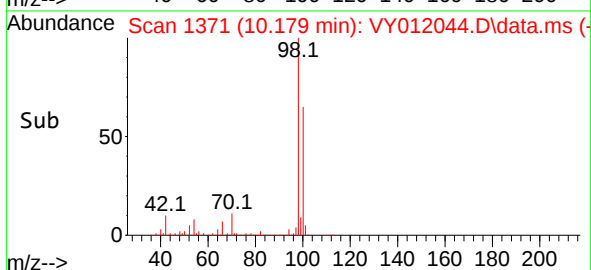
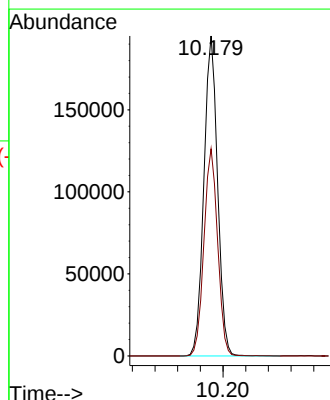
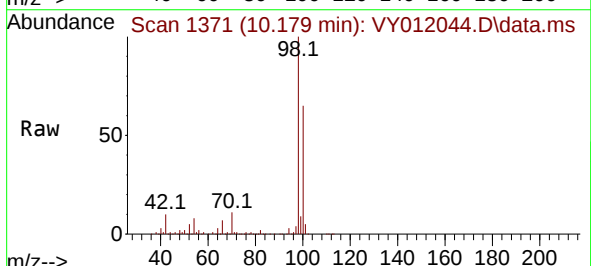
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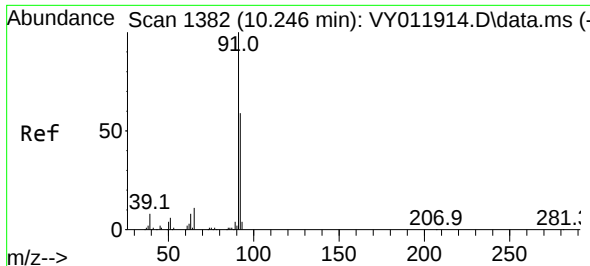
Tgt Ion: 98 Resp: 325922

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9

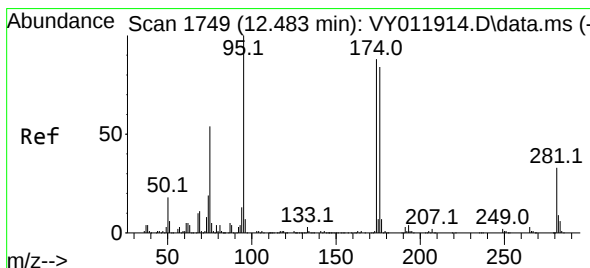
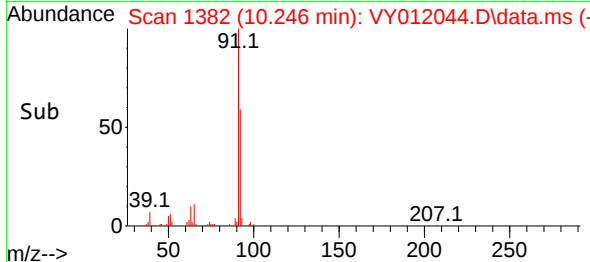
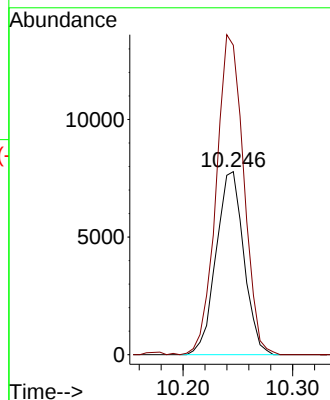
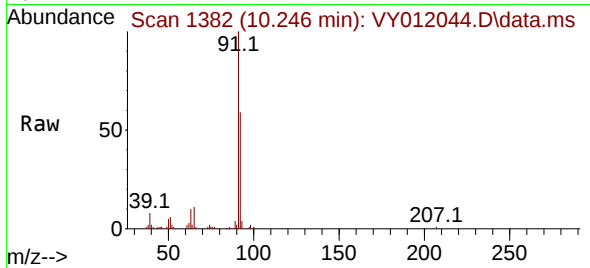




#52
Toluene
Concen: 2.865 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

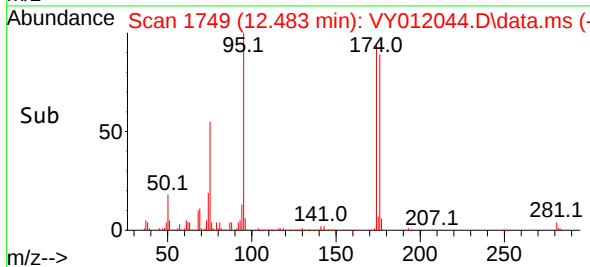
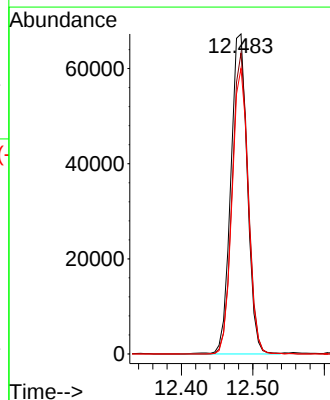
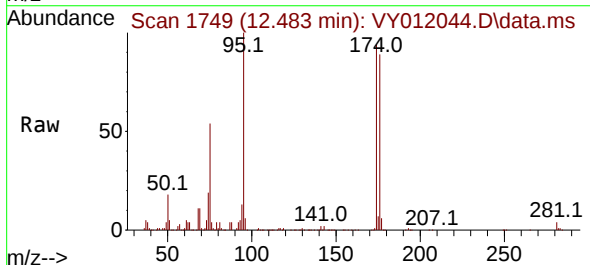
Instrument :
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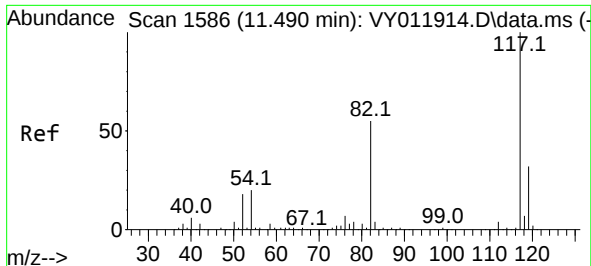
Tgt Ion: 92 Resp: 13675
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

Tgt Ion: 95 Resp: 108213
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 87.3 0.0 167.6

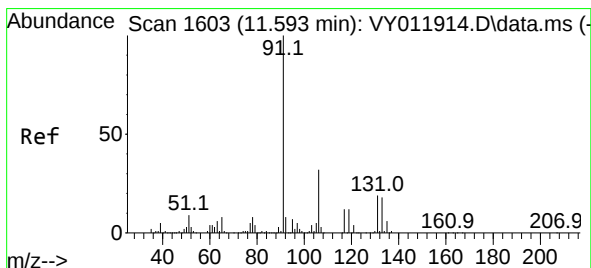
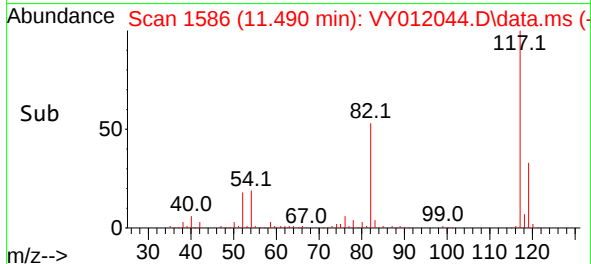
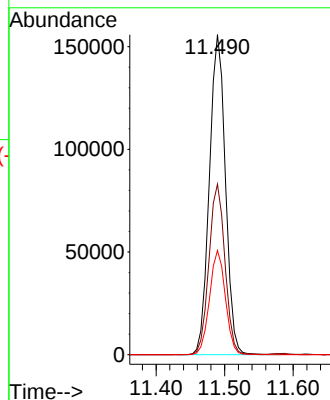
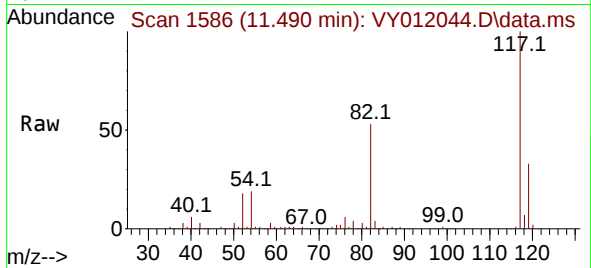




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

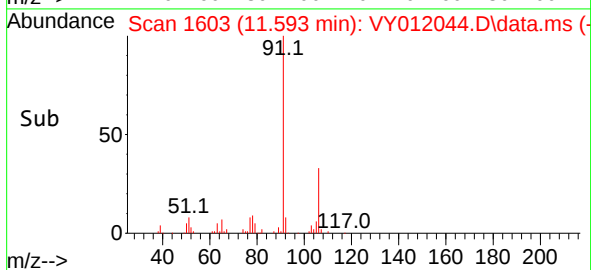
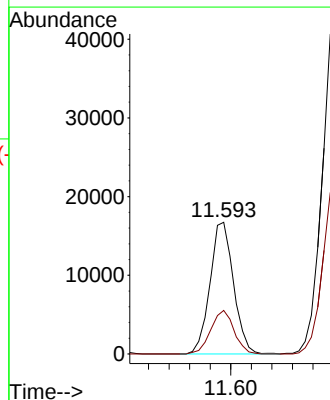
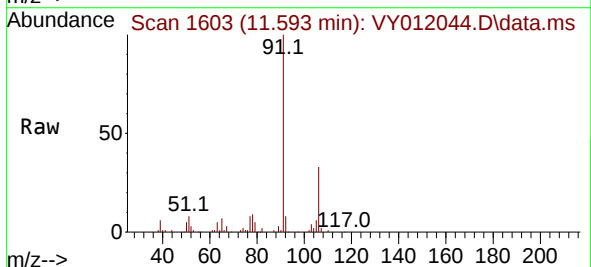
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-COMP

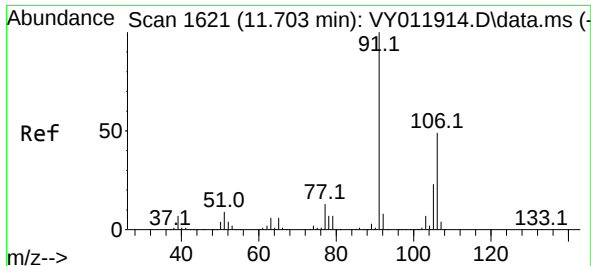
Tgt Ion:117 Resp: 253967
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 32.6 25.4 38.2



#67
Ethyl Benzene
Concen: 2.792 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

Tgt Ion: 91 Resp: 26615
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.4

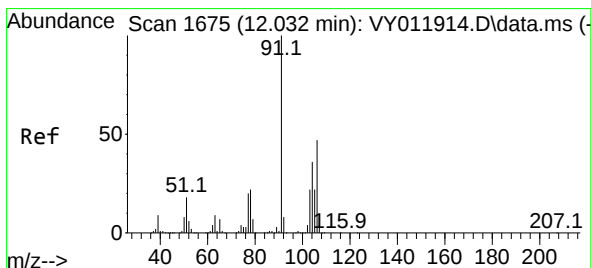
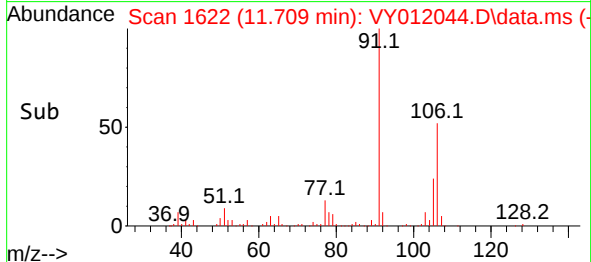
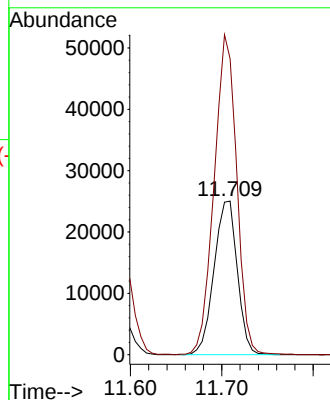
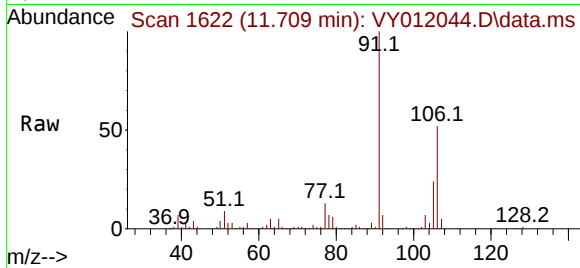




#68
m/p-Xylenes
Concen: 11.945 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

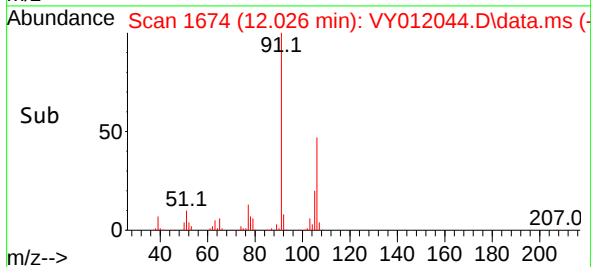
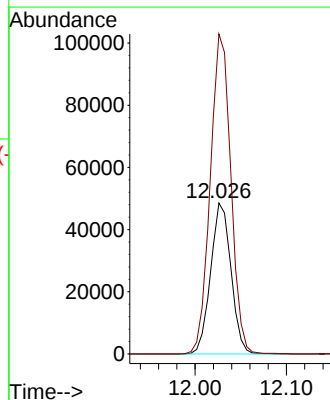
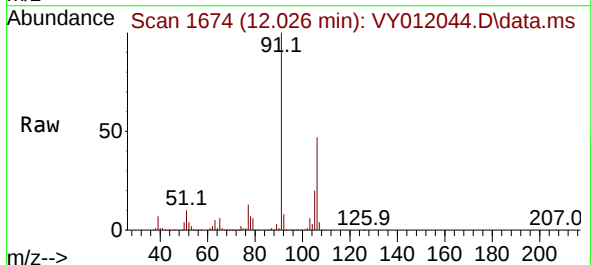
Instrument :
MSVOA_Y
ClientSampleId :
WASTE-COMP

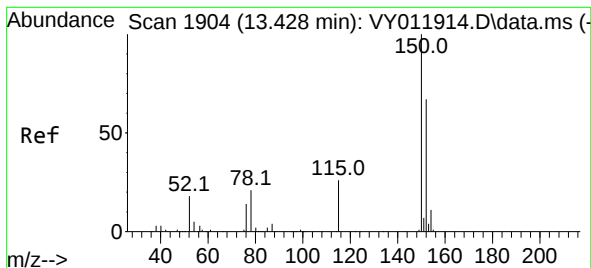
Tgt Ion:106 Resp: 44281
Ion Ratio Lower Upper
106 100
91 202.6 162.5 243.7



#69
o-Xylene
Concen: 21.729 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY012044.D
Acq: 03 Jan 2023 14:11

Tgt Ion:106 Resp: 74947
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY012044.D

Acq: 03 Jan 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

WASTE-COMP

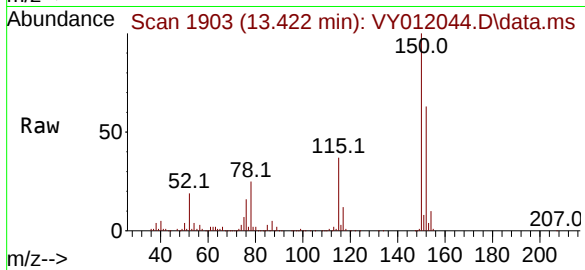
Tgt Ion:152 Resp: 114018

Ion Ratio Lower Upper

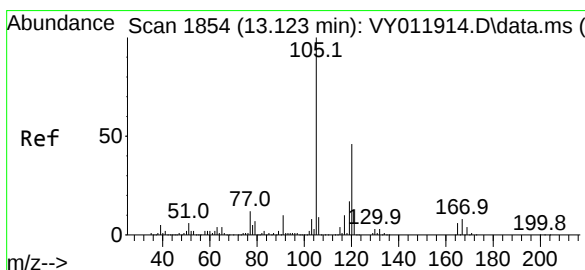
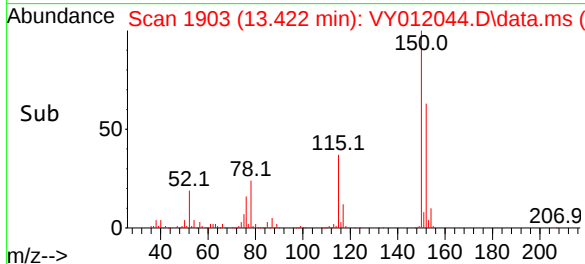
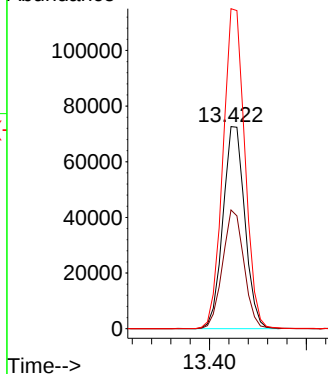
152 100

115 57.6 29.1 87.3

150 158.3 0.0 342.6



Abundance



#84

1,2,4-Trimethylbenzene

Concen: 1.117 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012044.D

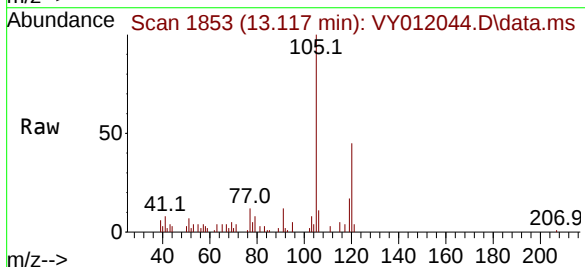
Acq: 03 Jan 2023 14:11

Tgt Ion:105 Resp: 7960

Ion Ratio Lower Upper

105 100

120 45.3 22.9 68.7



Abundance

